

WEBVTT

NOTE duration:"01:40:55"

NOTE recognizability:0.926

NOTE language:en-us

NOTE Confidence: 0.942901798421053

00:00:00.000 --> 00:00:02.725 The AYIM specialty mentorship panel

NOTE Confidence: 0.942901798421053

00:00:02.725 --> 00:00:07.114 series and we have we elected to start

NOTE Confidence: 0.942901798421053

00:00:07.114 --> 00:00:10.240 with neurosurgery and so we are,

NOTE Confidence: 0.942901798421053

00:00:10.240 --> 00:00:12.445 we are feeling incredibly grateful that we

NOTE Confidence: 0.942901798421053

00:00:12.445 --> 00:00:15.675 have a a group of neurosurgeons here with us.

NOTE Confidence: 0.942901798421053

00:00:15.680 --> 00:00:17.399 We're going to get started in just a minute.

NOTE Confidence: 0.942901798421053

00:00:17.400 --> 00:00:19.281 I just want to just want to let you

NOTE Confidence: 0.942901798421053

00:00:19.281 --> 00:00:21.479 know we're going to start in one or two

NOTE Confidence: 0.942901798421053

00:00:21.479 --> 00:00:23.327 minutes and so some additional people are

NOTE Confidence: 0.942901798421053

00:00:23.327 --> 00:00:25.792 are coming on to the onto the zoom now.

NOTE Confidence: 0.942901798421053

00:00:25.792 --> 00:00:27.520 So we'll get started real short.

NOTE Confidence: 0.90203621875

00:01:19.960 --> 00:01:22.600 Okay, fantastic. So hopefully,

NOTE Confidence: 0.90203621875

00:01:22.600 --> 00:01:25.240 as everybody has successfully

NOTE Confidence: 0.90203621875

00:01:25.240 --> 00:01:28.000 joined up onto the Zoom panel,
NOTE Confidence: 0.90203621875

00:01:28.000 --> 00:01:31.474 like I mentioned just a minute or two ago,
NOTE Confidence: 0.90203621875

00:01:31.480 --> 00:01:32.760 my name is Paul Liang.
NOTE Confidence: 0.90203621875

00:01:32.760 --> 00:01:35.721 I'm the Vice President of the Association
NOTE Confidence: 0.90203621875

00:01:35.721 --> 00:01:38.039 for Yale Alumni and Medicine.
NOTE Confidence: 0.90203621875

00:01:38.040 --> 00:01:40.200 And and this is something we've
NOTE Confidence: 0.90203621875

00:01:40.200 --> 00:01:42.359 been planning for quite some time.
NOTE Confidence: 0.90203621875

00:01:42.360 --> 00:01:45.776 We think that there's a great opportunity to.
NOTE Confidence: 0.90203621875

00:01:45.780 --> 00:01:50.256 Connect alumni of the medical school
NOTE Confidence: 0.90203621875

00:01:50.260 --> 00:01:52.654 who chose to go into certain areas.
NOTE Confidence: 0.90203621875

00:01:52.660 --> 00:01:54.564 I'd like to actually thank one of
NOTE Confidence: 0.90203621875

00:01:54.564 --> 00:01:56.216 the medical students, Brett Gu.
NOTE Confidence: 0.90203621875

00:01:56.216 --> 00:01:59.142 He was actually one of the critical
NOTE Confidence: 0.90203621875

00:01:59.142 --> 00:02:01.976 sparks in in initiating this effort.
NOTE Confidence: 0.90203621875

00:02:01.980 --> 00:02:05.564 The idea is that Yale medical students.
NOTE Confidence: 0.90203621875

00:02:05.570 --> 00:02:09.364 Are bright and innovative and and thoughtful.

NOTE Confidence: 0.90203621875
00:02:09.370 --> 00:02:10.030 But you know,
NOTE Confidence: 0.90203621875
00:02:10.030 --> 00:02:11.570 one of their big points of interest,
NOTE Confidence: 0.90203621875
00:02:11.570 --> 00:02:13.196 you could say anxiety, is selecting
NOTE Confidence: 0.90203621875
00:02:13.196 --> 00:02:15.210 an area that they wish to train in.
NOTE Confidence: 0.90203621875
00:02:15.210 --> 00:02:17.346 We all pass through this process
NOTE Confidence: 0.90203621875
00:02:17.346 --> 00:02:19.077 and then educating themselves on,
NOTE Confidence: 0.90203621875
00:02:19.077 --> 00:02:19.998 you know, what's?
NOTE Confidence: 0.90203621875
00:02:19.998 --> 00:02:21.840 How should I be thinking about
NOTE Confidence: 0.90203621875
00:02:21.906 --> 00:02:23.088 a certain specialty?
NOTE Confidence: 0.90203621875
00:02:23.090 --> 00:02:24.926 And then once you commit to going into it,
NOTE Confidence: 0.90203621875
00:02:24.930 --> 00:02:26.991 what's the best way to learn about it and
NOTE Confidence: 0.90203621875
00:02:26.991 --> 00:02:28.647 navigate your way into that profession?
NOTE Confidence: 0.90203621875
00:02:28.650 --> 00:02:32.748 And so we recruited from amongst.
NOTE Confidence: 0.90203621875
00:02:32.750 --> 00:02:34.844 All of the Yale Medical School
NOTE Confidence: 0.90203621875
00:02:34.844 --> 00:02:37.150 graduates who went into neurosurgery,
NOTE Confidence: 0.90203621875

00:02:37.150 --> 00:02:38.257 7 fantastic neurosurgeons.
NOTE Confidence: 0.90203621875

00:02:38.257 --> 00:02:41.188 I've spoken to every one of them in
NOTE Confidence: 0.90203621875

00:02:41.188 --> 00:02:42.574 person and they're going to each tell
NOTE Confidence: 0.90203621875

00:02:42.574 --> 00:02:44.070 us a little bit about their lives.
NOTE Confidence: 0.90203621875

00:02:44.070 --> 00:02:45.869 They're going to keep it relatively brief,
NOTE Confidence: 0.90203621875

00:02:45.870 --> 00:02:46.786 5 or 6 minutes,
NOTE Confidence: 0.90203621875

00:02:46.786 --> 00:02:48.486 where they're going to tell us about
NOTE Confidence: 0.90203621875

00:02:48.486 --> 00:02:50.130 their route out of Yale Medical
NOTE Confidence: 0.90203621875

00:02:50.130 --> 00:02:51.550 School into their profession,
NOTE Confidence: 0.90203621875

00:02:51.550 --> 00:02:53.374 what they're experiencing nowadays.
NOTE Confidence: 0.90203621875

00:02:53.374 --> 00:02:55.744 I think every each one of them
NOTE Confidence: 0.90203621875

00:02:55.744 --> 00:02:57.830 has a unique vantage point and
NOTE Confidence: 0.90203621875

00:02:57.830 --> 00:02:59.690 and interesting things to say.
NOTE Confidence: 0.90203621875

00:02:59.690 --> 00:03:00.128 After that,
NOTE Confidence: 0.90203621875

00:03:00.128 --> 00:03:01.442 we're going to open it up
NOTE Confidence: 0.90203621875

00:03:01.442 --> 00:03:02.450 to questions and answers.

NOTE Confidence: 0.90203621875
00:03:02.450 --> 00:03:05.126 We very much want to hear
NOTE Confidence: 0.90203621875
00:03:05.130 --> 00:03:06.450 all the questions you have.
NOTE Confidence: 0.90203621875
00:03:06.450 --> 00:03:08.025 And then our panelists will
NOTE Confidence: 0.90203621875
00:03:08.025 --> 00:03:09.270 be answering that okay.
NOTE Confidence: 0.90203621875
00:03:09.270 --> 00:03:11.370 So I'm going to briefly let you
NOTE Confidence: 0.90203621875
00:03:11.370 --> 00:03:13.194 know that there's a, there's a,
NOTE Confidence: 0.90203621875
00:03:13.194 --> 00:03:14.724 there's a group of doctors,
NOTE Confidence: 0.90203621875
00:03:14.730 --> 00:03:16.205 I'll let them introduce their
NOTE Confidence: 0.90203621875
00:03:16.205 --> 00:03:17.090 own professional credentials,
NOTE Confidence: 0.90203621875
00:03:17.090 --> 00:03:19.690 but there's Doctor Linda B,
NOTE Confidence: 0.90203621875
00:03:19.690 --> 00:03:21.154 who I think is being called
NOTE Confidence: 0.90203621875
00:03:21.154 --> 00:03:22.130 away to an emergency,
NOTE Confidence: 0.90203621875
00:03:22.130 --> 00:03:23.978 but I still see her at this instant.
NOTE Confidence: 0.90203621875
00:03:23.980 --> 00:03:26.113 So maybe she can get a word in if
NOTE Confidence: 0.90203621875
00:03:26.113 --> 00:03:28.172 she's more than welcome to go up
NOTE Confidence: 0.90203621875

00:03:28.172 --> 00:03:30.140 first and then Doctor Brian Nahan.
NOTE Confidence: 0.90203621875

00:03:30.140 --> 00:03:31.488 They're both in Boston.
NOTE Confidence: 0.90203621875

00:03:31.488 --> 00:03:32.499 Doctor Howard Center,
NOTE Confidence: 0.90203621875

00:03:32.500 --> 00:03:36.100 who's in a Pittsburgh PA as I am.
NOTE Confidence: 0.90203621875

00:03:36.100 --> 00:03:37.116 I'm not a neurosurgeon.
NOTE Confidence: 0.90203621875

00:03:37.116 --> 00:03:39.016 I'm a facial plastic surgeon In in
NOTE Confidence: 0.90203621875

00:03:39.016 --> 00:03:42.364 Pittsburgh, PA we also have Doctor Howard,
NOTE Confidence: 0.90203621875

00:03:42.364 --> 00:03:44.220 excuse me, Heather McRae,
NOTE Confidence: 0.90203621875

00:03:44.220 --> 00:03:47.340 Doctor Joseph King, Doctor James Yoon,
NOTE Confidence: 0.90203621875

00:03:47.340 --> 00:03:49.620 who has just started a residency here at
NOTE Confidence: 0.90203621875

00:03:49.620 --> 00:03:52.592 UPMC in Pittsburgh and a good friend of mine,
NOTE Confidence: 0.90203621875

00:03:52.592 --> 00:03:54.057 Doctor and Duka Aman Kilar.
NOTE Confidence: 0.90203621875

00:03:54.060 --> 00:03:56.335 And so those are the panel members.
NOTE Confidence: 0.90203621875

00:03:56.340 --> 00:03:57.966 Let me go ahead and initiate
NOTE Confidence: 0.90203621875

00:03:57.966 --> 00:03:58.779 immediately with Linda.
NOTE Confidence: 0.90203621875

00:03:58.780 --> 00:03:59.860 I see you're still there.

NOTE Confidence: 0.90203621875

00:03:59.860 --> 00:04:00.634 So if you,

NOTE Confidence: 0.90203621875

00:04:00.634 --> 00:04:02.182 if you want to before you

NOTE Confidence: 0.90203621875

00:04:02.182 --> 00:04:03.739 run to your duty calls,

NOTE Confidence: 0.90203621875

00:04:03.740 --> 00:04:05.258 you've got a major situation there.

NOTE Confidence: 0.90203621875

00:04:05.260 --> 00:04:06.379 But please begin.

NOTE Confidence: 0.938995675

00:04:07.380 --> 00:04:08.836 Thank you so much.

NOTE Confidence: 0.938995675

00:04:08.836 --> 00:04:11.020 What a pleasure and a privilege

NOTE Confidence: 0.938995675

00:04:11.094 --> 00:04:13.056 to join this group for Yale

NOTE Confidence: 0.938995675

00:04:13.060 --> 00:04:14.690 and especially with so many

NOTE Confidence: 0.938995675

00:04:14.690 --> 00:04:16.804 friends who've influenced me over

NOTE Confidence: 0.938995675

00:04:16.804 --> 00:04:19.480 the years also on the group.

NOTE Confidence: 0.938995675

00:04:19.480 --> 00:04:21.062 I'm sure everybody will have a different

NOTE Confidence: 0.938995675

00:04:21.062 --> 00:04:22.878 path of how they got to neurosurgery,

NOTE Confidence: 0.938995675

00:04:22.880 --> 00:04:24.888 and I will say that this is mostly

NOTE Confidence: 0.938995675

00:04:24.888 --> 00:04:26.818 for all the students and trainees

NOTE Confidence: 0.938995675

00:04:26.818 --> 00:04:29.232 and however you guys would like to
NOTE Confidence: 0.938995675

00:04:29.232 --> 00:04:31.074 guide in what questions you want.
NOTE Confidence: 0.938995675

00:04:31.080 --> 00:04:33.120 We're we're happy to address,
NOTE Confidence: 0.938995675

00:04:33.120 --> 00:04:36.873 but in brief, I am a graduate of the
NOTE Confidence: 0.938995675

00:04:36.880 --> 00:04:40.814 LMDPHD program I joined in 2010 I think.
NOTE Confidence: 0.938995675

00:04:40.814 --> 00:04:42.386 2010, No, 2000.
NOTE Confidence: 0.938995675

00:04:42.386 --> 00:04:43.730 We graduated in 2010.
NOTE Confidence: 0.938995675

00:04:43.730 --> 00:04:44.910 We started in 2002.
NOTE Confidence: 0.938995675

00:04:44.910 --> 00:04:47.808 I see how they're giving me a quizzical look.
NOTE Confidence: 0.938995675

00:04:47.810 --> 00:04:49.688 So we started in 2002 and
NOTE Confidence: 0.937108895625

00:04:52.330 --> 00:04:54.175 I have to say I was close minded from
NOTE Confidence: 0.937108895625

00:04:54.175 --> 00:04:56.086 the moment that I started Med school,
NOTE Confidence: 0.937108895625

00:04:56.090 --> 00:04:58.794 so I wanted to do neurosurgery ever since.
NOTE Confidence: 0.937108895625

00:04:58.800 --> 00:05:01.376 I was in elementary school and despite
NOTE Confidence: 0.937108895625

00:05:01.376 --> 00:05:03.319 being Nancy Engoff at the time,
NOTE Confidence: 0.937108895625

00:05:03.320 --> 00:05:05.490 asking me every year for seven years

NOTE Confidence: 0.937108895625

00:05:05.490 --> 00:05:07.882 why I didn't think about neurology to

NOTE Confidence: 0.937108895625

00:05:07.882 --> 00:05:10.232 to balance with the PhD and all that,

NOTE Confidence: 0.937108895625

00:05:10.232 --> 00:05:11.660 I simply had no answer for

NOTE Confidence: 0.937108895625

00:05:11.717 --> 00:05:12.797 her except for that.

NOTE Confidence: 0.937108895625

00:05:12.800 --> 00:05:15.184 I thought I liked the brain in a

NOTE Confidence: 0.937108895625

00:05:15.184 --> 00:05:18.238 surgical kind of way until I read.

NOTE Confidence: 0.937108895625

00:05:18.240 --> 00:05:19.720 The French Laundry, you know,

NOTE Confidence: 0.937108895625

00:05:19.720 --> 00:05:21.640 all of my friends know that I don't

NOTE Confidence: 0.937108895625

00:05:21.640 --> 00:05:23.360 cook or have any life skills,

NOTE Confidence: 0.937108895625

00:05:23.360 --> 00:05:25.400 but I do like reading cookbooks.

NOTE Confidence: 0.937108895625

00:05:25.400 --> 00:05:28.352 And The French Laundry is is by a chef

NOTE Confidence: 0.937108895625

00:05:28.352 --> 00:05:31.313 named Thomas Keller where he says in

NOTE Confidence: 0.937108895625

00:05:31.313 --> 00:05:33.619 the preface that something to the.

NOTE Confidence: 0.937108895625

00:05:33.620 --> 00:05:34.358 Effective, You know,

NOTE Confidence: 0.937108895625

00:05:34.358 --> 00:05:35.588 if you accept that there's

NOTE Confidence: 0.937108895625

00:05:35.588 --> 00:05:37.019 no such thing as perfection,
NOTE Confidence: 0.937108895625

00:05:37.020 --> 00:05:39.780 and you spent your life in pursuit of
NOTE Confidence: 0.937108895625

00:05:39.780 --> 00:05:41.778 happiness and and and giving happiness.
NOTE Confidence: 0.937108895625

00:05:41.780 --> 00:05:44.202 And for him the mundane tasks of
NOTE Confidence: 0.937108895625

00:05:44.202 --> 00:05:46.380 cooking was what made him happy.
NOTE Confidence: 0.937108895625

00:05:46.380 --> 00:05:48.102 And that struck me that there
NOTE Confidence: 0.937108895625

00:05:48.102 --> 00:05:49.675 was something about every other
NOTE Confidence: 0.937108895625

00:05:49.675 --> 00:05:51.139 profession that was glorious,
NOTE Confidence: 0.937108895625

00:05:51.140 --> 00:05:52.838 but many other things that I
NOTE Confidence: 0.937108895625

00:05:52.838 --> 00:05:54.529 did not appeal to me like.
NOTE Confidence: 0.937108895625

00:05:54.530 --> 00:05:57.330 Urine or interpreting EKG's or you know,
NOTE Confidence: 0.937108895625

00:05:57.330 --> 00:05:58.530 so on and so on,
NOTE Confidence: 0.937108895625

00:05:58.530 --> 00:06:00.312 but there's really no part of
NOTE Confidence: 0.937108895625

00:06:00.312 --> 00:06:02.210 neurosurgery that I found unappealing.
NOTE Confidence: 0.937108895625

00:06:02.210 --> 00:06:05.554 And so that settled it finally in our our
NOTE Confidence: 0.937108895625

00:06:05.554 --> 00:06:08.170 7 1/2 year conversation about neurosurgery,

NOTE Confidence: 0.937108895625

00:06:08.170 --> 00:06:09.285 but.

NOTE Confidence: 0.937108895625

00:06:09.285 --> 00:06:11.792 Doing the the program at Yale,

NOTE Confidence: 0.937108895625

00:06:11.792 --> 00:06:14.000 I think I was just incredibly lucky,

NOTE Confidence: 0.937108895625

00:06:14.000 --> 00:06:15.614 even though I had some inkling

NOTE Confidence: 0.937108895625

00:06:15.614 --> 00:06:17.160 that I was interested in this.

NOTE Confidence: 0.937108895625

00:06:17.160 --> 00:06:19.104 But it's really the mentors and

NOTE Confidence: 0.937108895625

00:06:19.104 --> 00:06:21.082 the environment which I at that

NOTE Confidence: 0.937108895625

00:06:21.082 --> 00:06:22.637 time thought was just normal.

NOTE Confidence: 0.937108895625

00:06:22.640 --> 00:06:23.412 And only when I,

NOTE Confidence: 0.937108895625

00:06:23.412 --> 00:06:23.798 you know,

NOTE Confidence: 0.937108895625

00:06:23.800 --> 00:06:26.050 grew up and and left Yale did I realize

NOTE Confidence: 0.937108895625

00:06:26.050 --> 00:06:28.240 that it was a very special environment

NOTE Confidence: 0.937108895625

00:06:28.240 --> 00:06:30.556 from the week before my first.

NOTE Confidence: 0.937108895625

00:06:30.560 --> 00:06:31.960 Day of medical school I I showed

NOTE Confidence: 0.937108895625

00:06:31.960 --> 00:06:33.760 up in the neurosurgery department,

NOTE Confidence: 0.937108895625

00:06:33.760 --> 00:06:35.752 introduced myself and asked how I
NOTE Confidence: 0.937108895625

00:06:35.752 --> 00:06:37.829 could get involved and everybody and
NOTE Confidence: 0.937108895625

00:06:37.829 --> 00:06:39.875 you know gave me an opportunity.
NOTE Confidence: 0.937108895625

00:06:39.880 --> 00:06:41.788 Their kitchen supplied me with free
NOTE Confidence: 0.937108895625

00:06:41.788 --> 00:06:44.272 lunch for a solid number of years
NOTE Confidence: 0.937108895625

00:06:44.272 --> 00:06:46.192 and Thanksgiving dinner at Doctor
NOTE Confidence: 0.937108895625

00:06:46.192 --> 00:06:48.388 Duncan's house and all the above
NOTE Confidence: 0.937108895625

00:06:48.388 --> 00:06:50.098 maybe really feel like neurosurgery
NOTE Confidence: 0.937108895625

00:06:50.098 --> 00:06:52.156 was like a warm and cuddly family.
NOTE Confidence: 0.937108895625

00:06:52.160 --> 00:06:54.472 And I still feel that way but but
NOTE Confidence: 0.937108895625

00:06:54.472 --> 00:06:56.391 I guess it's not necessarily
NOTE Confidence: 0.937108895625

00:06:56.391 --> 00:06:58.929 universal but but most mostly so.
NOTE Confidence: 0.937108895625

00:06:58.930 --> 00:07:01.680 Doing a PhD there with in brain
NOTE Confidence: 0.937108895625

00:07:01.680 --> 00:07:03.450 Tumor biology with Joe Pete Meyer
NOTE Confidence: 0.937108895625

00:07:03.450 --> 00:07:05.489 as one of my mentors really also
NOTE Confidence: 0.937108895625

00:07:05.489 --> 00:07:07.550 led me down the path of interest

NOTE Confidence: 0.937108895625

00:07:07.550 --> 00:07:09.699 and and brain tumors which I share

NOTE Confidence: 0.937108895625

00:07:09.699 --> 00:07:11.798 with a number of other folks here

NOTE Confidence: 0.937108895625

00:07:11.798 --> 00:07:13.210 including Doctor Nahead and Dr.

NOTE Confidence: 0.937108895625

00:07:13.210 --> 00:07:17.250 Amankola and it it's just a fun field

NOTE Confidence: 0.937108895625

00:07:17.250 --> 00:07:19.200 but really I'm so centered upon

NOTE Confidence: 0.937108895625

00:07:19.200 --> 00:07:21.355 kind of the brain it's intricacies

NOTE Confidence: 0.937108895625

00:07:21.355 --> 00:07:24.099 and there were just so many moments

NOTE Confidence: 0.937108895625

00:07:24.099 --> 00:07:26.549 during the my education at Yale that.

NOTE Confidence: 0.937108895625

00:07:26.550 --> 00:07:28.643 To shape my future career in a

NOTE Confidence: 0.937108895625

00:07:28.643 --> 00:07:31.187 formative way that I couldn't have predicted.

NOTE Confidence: 0.937108895625

00:07:31.190 --> 00:07:31.948 For example,

NOTE Confidence: 0.937108895625

00:07:31.948 --> 00:07:34.222 you know my first teaching conference

NOTE Confidence: 0.937108895625

00:07:34.222 --> 00:07:37.187 as a pre first year medical student.

NOTE Confidence: 0.9437759005

00:07:37.190 --> 00:07:40.486 At that point in time the former chair

NOTE Confidence: 0.9437759005

00:07:40.486 --> 00:07:43.490 of neurosurgery was a name man named

NOTE Confidence: 0.9437759005

00:07:43.490 --> 00:07:45.590 Doctor Collins and Doctor Collins.
NOTE Confidence: 0.9437759005

00:07:45.590 --> 00:07:48.182 There was a third or fourth year medical
NOTE Confidence: 0.9437759005

00:07:48.182 --> 00:07:50.594 student giving sub intern a ship.
NOTE Confidence: 0.9437759005

00:07:50.594 --> 00:07:52.358 Talk on trigeminal neuralgia,
NOTE Confidence: 0.9437759005

00:07:52.360 --> 00:07:54.238 which is condition of facial pain.
NOTE Confidence: 0.9437759005

00:07:54.240 --> 00:07:57.720 And Doctor Collins asked him a question of,
NOTE Confidence: 0.9437759005

00:07:57.720 --> 00:08:00.312 you know, where the exit the framma through
NOTE Confidence: 0.9437759005

00:08:00.312 --> 00:08:02.634 which the trigeminal nerve leaves the
NOTE Confidence: 0.9437759005

00:08:02.634 --> 00:08:04.584 skull and if you guys have been in the
NOTE Confidence: 0.9437759005

00:08:04.584 --> 00:08:05.752 neurosurgery department or what was then
NOTE Confidence: 0.9437759005

00:08:05.752 --> 00:08:07.080 a nurse surgeon trying the conference room,
NOTE Confidence: 0.9437759005

00:08:07.080 --> 00:08:08.376 Is this, you know,
NOTE Confidence: 0.9437759005

00:08:08.376 --> 00:08:10.320 rectangular room like some potted plants?
NOTE Confidence: 0.9437759005

00:08:10.320 --> 00:08:12.414 I was basically sitting behind Doctor
NOTE Confidence: 0.9437759005

00:08:12.414 --> 00:08:14.200 Collins behind the potted plant.
NOTE Confidence: 0.9437759005

00:08:14.200 --> 00:08:15.544 There's no way he could have

NOTE Confidence: 0.9437759005

00:08:15.544 --> 00:08:16.720 seen me scoping the room.

NOTE Confidence: 0.9437759005

00:08:16.720 --> 00:08:17.780 But when the medical student

NOTE Confidence: 0.9437759005

00:08:17.780 --> 00:08:18.840 said that he didn't know,

NOTE Confidence: 0.9437759005

00:08:18.840 --> 00:08:20.880 somehow he turned 180 degrees.

NOTE Confidence: 0.9437759005

00:08:20.880 --> 00:08:23.193 Looked at me in the eye behind the potted

NOTE Confidence: 0.9437759005

00:08:23.193 --> 00:08:25.530 plant and asked me for the answer and as

NOTE Confidence: 0.9437759005

00:08:25.530 --> 00:08:27.518 I stuttered saying that I didn't know,

NOTE Confidence: 0.9437759005

00:08:27.520 --> 00:08:28.477 he said nothing.

NOTE Confidence: 0.9437759005

00:08:28.477 --> 00:08:31.160 Looked at the medical student and said you

NOTE Confidence: 0.9437759005

00:08:31.160 --> 00:08:33.494 should take responsibility for not knowing.

NOTE Confidence: 0.9437759005

00:08:33.500 --> 00:08:35.474 During 180 degrees looked at me again

NOTE Confidence: 0.9437759005

00:08:35.474 --> 00:08:37.867 behind the potted plant and said you should

NOTE Confidence: 0.9437759005

00:08:37.867 --> 00:08:39.820 also take responsibility for not knowing.

NOTE Confidence: 0.9437759005

00:08:39.820 --> 00:08:41.668 And that was a moment that it

NOTE Confidence: 0.9437759005

00:08:41.668 --> 00:08:43.700 impressed on me that I got to know

NOTE Confidence: 0.9437759005

00:08:43.700 --> 00:08:45.700 some stuff to go into neurosurgery.
NOTE Confidence: 0.9437759005

00:08:45.700 --> 00:08:46.444 And it was,
NOTE Confidence: 0.9437759005

00:08:46.444 --> 00:08:48.602 I have to tell you the greatest blessing
NOTE Confidence: 0.9437759005

00:08:48.602 --> 00:08:50.774 of the beginning of medical school,
NOTE Confidence: 0.9437759005

00:08:50.780 --> 00:08:53.272 to inspire me to learn your anatomy
NOTE Confidence: 0.9437759005

00:08:53.272 --> 00:08:55.456 and and to realize that there is
NOTE Confidence: 0.9437759005

00:08:55.456 --> 00:08:57.529 substance and that there is a sense
NOTE Confidence: 0.9437759005

00:08:57.529 --> 00:08:59.249 of responsibility towards this field
NOTE Confidence: 0.9437759005

00:08:59.249 --> 00:09:01.180 and the patient that we treat.
NOTE Confidence: 0.9437759005

00:09:01.180 --> 00:09:03.493 I did my PhD as I mentioned in your.
NOTE Confidence: 0.9437759005

00:09:03.500 --> 00:09:03.878 Biology,
NOTE Confidence: 0.9437759005

00:09:03.878 --> 00:09:05.768 studying brain tumors and that
NOTE Confidence: 0.9437759005

00:09:05.768 --> 00:09:08.260 then led me in my residency,
NOTE Confidence: 0.9437759005

00:09:08.260 --> 00:09:10.465 which I pursued at Brigham and Women's
NOTE Confidence: 0.9437759005

00:09:10.465 --> 00:09:12.182 Hospital in Boston Children's and
NOTE Confidence: 0.9437759005

00:09:12.182 --> 00:09:13.952 Boston to continue my postdoctoral

NOTE Confidence: 0.9437759005

00:09:13.952 --> 00:09:16.459 research in in the neuro oncology field.

NOTE Confidence: 0.9437759005

00:09:16.460 --> 00:09:18.580 I continue in this day.

NOTE Confidence: 0.9437759005

00:09:18.580 --> 00:09:20.686 I'm now an Associate professor of

NOTE Confidence: 0.9437759005

00:09:20.686 --> 00:09:22.090 Neurosurgery and Associate Program

NOTE Confidence: 0.9437759005

00:09:22.150 --> 00:09:24.477 Director at the Brigham and run a

NOTE Confidence: 0.9437759005

00:09:24.477 --> 00:09:26.751 last focus on skullbased tumors and

NOTE Confidence: 0.9437759005

00:09:26.751 --> 00:09:30.000 the intersection of of how we can

NOTE Confidence: 0.9437759005

00:09:30.000 --> 00:09:32.025 apply biology and biological tools.

NOTE Confidence: 0.9437759005

00:09:32.030 --> 00:09:34.520 To translating kind of better prognosis

NOTE Confidence: 0.9437759005

00:09:34.520 --> 00:09:36.830 and treatments for these patients.

NOTE Confidence: 0.9437759005

00:09:36.830 --> 00:09:39.622 So I have to say I've been incredibly

NOTE Confidence: 0.9437759005

00:09:39.622 --> 00:09:42.175 lucky with mentors you know the

NOTE Confidence: 0.9437759005

00:09:42.175 --> 00:09:44.395 entire path and in neurosurgery

NOTE Confidence: 0.9437759005

00:09:44.395 --> 00:09:46.770 starting from the first day of

NOTE Confidence: 0.9437759005

00:09:46.770 --> 00:09:48.950 before medical school at Yale and

NOTE Confidence: 0.9437759005

00:09:48.950 --> 00:09:50.870 and everybody has a different path.
NOTE Confidence: 0.9437759005

00:09:50.870 --> 00:09:52.438 But I would say if there is any
NOTE Confidence: 0.9437759005

00:09:52.438 --> 00:09:53.986 one thing that it conveyed to me,
NOTE Confidence: 0.9437759005

00:09:53.990 --> 00:09:57.470 it's just like having an enthusiastic
NOTE Confidence: 0.9437759005

00:09:57.470 --> 00:10:00.758 invested interest in the field the more that.
NOTE Confidence: 0.9437759005

00:10:00.760 --> 00:10:01.795 You give it,
NOTE Confidence: 0.9437759005

00:10:01.795 --> 00:10:03.520 the more it gives you.
NOTE Confidence: 0.9437759005

00:10:03.520 --> 00:10:05.640 So that's that's my path.
NOTE Confidence: 0.94629164

00:10:09.880 --> 00:10:11.000 Fantastic. Thank you so much.
NOTE Confidence: 0.94629164

00:10:11.000 --> 00:10:14.280 Doctor B. So Doctor Nahan, can you
NOTE Confidence: 0.94629164

00:10:14.280 --> 00:10:16.080 tell us, tell us about yourself.
NOTE Confidence: 0.862879438571429

00:10:17.400 --> 00:10:19.675 Hi everyone. My name is Brian Nahan.
NOTE Confidence: 0.862879438571429

00:10:19.680 --> 00:10:22.280 I am a graduate of the class of
NOTE Confidence: 0.862879438571429

00:10:22.280 --> 00:10:27.134 2005 and like Linda know just
NOTE Confidence: 0.862879438571429

00:10:27.134 --> 00:10:29.378 about everyone on this panel and.
NOTE Confidence: 0.862879438571429

00:10:29.380 --> 00:10:31.508 One of the things that's amazing about

NOTE Confidence: 0.862879438571429

00:10:31.508 --> 00:10:33.976 our field is that it's not only small,

NOTE Confidence: 0.862879438571429

00:10:33.980 --> 00:10:35.816 but that there's a significant number

NOTE Confidence: 0.862879438571429

00:10:35.816 --> 00:10:38.367 of Yale medicines who have gone into

NOTE Confidence: 0.862879438571429

00:10:38.367 --> 00:10:40.059 neurosurgery almost disproportionately so.

NOTE Confidence: 0.862879438571429

00:10:40.060 --> 00:10:42.400 And all of us are are not only close

NOTE Confidence: 0.862879438571429

00:10:42.400 --> 00:10:44.315 friends but close colleagues and and

NOTE Confidence: 0.862879438571429

00:10:44.315 --> 00:10:46.740 and many years later it's been awesome.

NOTE Confidence: 0.862879438571429

00:10:46.740 --> 00:10:49.578 My path to neurosurgery started it.

NOTE Confidence: 0.862879438571429

00:10:49.580 --> 00:10:51.568 I felt a little bit like Forrest

NOTE Confidence: 0.862879438571429

00:10:51.568 --> 00:10:54.865 Gump where I was in a research lab

NOTE Confidence: 0.862879438571429

00:10:54.865 --> 00:10:56.930 as a high school student and it

NOTE Confidence: 0.862879438571429

00:10:57.003 --> 00:10:59.187 happened to be a neuro trauma lab.

NOTE Confidence: 0.862879438571429

00:10:59.190 --> 00:11:00.870 Focusing on brain injury and concussion

NOTE Confidence: 0.862879438571429

00:11:00.870 --> 00:11:02.908 and I got my first with that.

NOTE Confidence: 0.862879438571429

00:11:02.910 --> 00:11:05.618 I thought the brain was something

NOTE Confidence: 0.862879438571429

00:11:05.618 --> 00:11:07.632 pretty interesting and I I I'd love
NOTE Confidence: 0.862879438571429

00:11:07.632 --> 00:11:09.710 the idea that so much was unknown
NOTE Confidence: 0.862879438571429

00:11:09.710 --> 00:11:11.750 and there's such a huge potential
NOTE Confidence: 0.862879438571429

00:11:11.750 --> 00:11:13.227 to make an impact where I found
NOTE Confidence: 0.862879438571429

00:11:13.227 --> 00:11:14.870 other parts of medicine interesting.
NOTE Confidence: 0.862879438571429

00:11:14.870 --> 00:11:17.570 But you know the story was a little bit
NOTE Confidence: 0.862879438571429

00:11:17.570 --> 00:11:20.126 written and you know I went through
NOTE Confidence: 0.862879438571429

00:11:20.126 --> 00:11:22.585 college with an amazing mentor who
NOTE Confidence: 0.862879438571429

00:11:22.585 --> 00:11:25.630 largely sent me on this path and.
NOTE Confidence: 0.862879438571429

00:11:25.630 --> 00:11:26.430 Like many of you,
NOTE Confidence: 0.862879438571429

00:11:26.430 --> 00:11:28.230 I got to Yale and just blown away.
NOTE Confidence: 0.862879438571429

00:11:28.230 --> 00:11:32.474 It was just the best five years of of
NOTE Confidence: 0.862879438571429

00:11:32.474 --> 00:11:34.641 any educational part of my my training
NOTE Confidence: 0.862879438571429

00:11:34.641 --> 00:11:37.505 and my closest friends are from that time.
NOTE Confidence: 0.862879438571429

00:11:37.510 --> 00:11:41.810 And I I it was a combination
NOTE Confidence: 0.862879438571429

00:11:41.810 --> 00:11:42.750 of the Yale system,

NOTE Confidence: 0.862879438571429

00:11:42.750 --> 00:11:44.584 the opportunity to work so closely with

NOTE Confidence: 0.862879438571429

00:11:44.584 --> 00:11:47.123 folks in a collegial way and then frankly

NOTE Confidence: 0.862879438571429

00:11:47.123 --> 00:11:48.823 just to explore different aspects.

NOTE Confidence: 0.862879438571429

00:11:48.830 --> 00:11:50.612 And so I actually tried every

NOTE Confidence: 0.862879438571429

00:11:50.612 --> 00:11:52.569 specialty with an honest approach and.

NOTE Confidence: 0.862879438571429

00:11:52.570 --> 00:11:54.748 Kept coming back to neurosurgery and

NOTE Confidence: 0.862879438571429

00:11:54.748 --> 00:11:57.285 I was super lucky at the time and

NOTE Confidence: 0.862879438571429

00:11:57.285 --> 00:11:59.485 Duka was in the class above me and

NOTE Confidence: 0.862879438571429

00:11:59.490 --> 00:12:02.874 he and I were friends and we both

NOTE Confidence: 0.862879438571429

00:12:02.874 --> 00:12:05.794 worked with Marat Canal who's still

NOTE Confidence: 0.862879438571429

00:12:05.794 --> 00:12:08.670 there and met Mike De Luna and Max

NOTE Confidence: 0.862879438571429

00:12:08.670 --> 00:12:10.316 Lawrence who are a year above that

NOTE Confidence: 0.862879438571429

00:12:10.316 --> 00:12:12.236 and Graham Gould and a lot of Yale

NOTE Confidence: 0.862879438571429

00:12:12.236 --> 00:12:13.473 students were were working down

NOTE Confidence: 0.862879438571429

00:12:13.473 --> 00:12:16.266 that path and and and it just became

NOTE Confidence: 0.862879438571429

00:12:16.266 --> 00:12:19.590 not only an an obvious path to me
NOTE Confidence: 0.862879438571429

00:12:19.590 --> 00:12:21.562 that I really liked but a really
NOTE Confidence: 0.862879438571429

00:12:21.562 --> 00:12:22.537 interesting one and.
NOTE Confidence: 0.862879438571429

00:12:22.540 --> 00:12:24.633 Initially I was not planning on taking
NOTE Confidence: 0.862879438571429

00:12:24.633 --> 00:12:27.204 a year off and it was really the
NOTE Confidence: 0.862879438571429

00:12:27.204 --> 00:12:29.340 opportunity to learn more about the
NOTE Confidence: 0.862879438571429

00:12:29.414 --> 00:12:32.020 field and ROT was just so supportive
NOTE Confidence: 0.862879438571429

00:12:32.020 --> 00:12:34.590 to to kick off a project that at
NOTE Confidence: 0.862879438571429

00:12:34.590 --> 00:12:36.486 the time was pretty ambitious and
NOTE Confidence: 0.862879438571429

00:12:36.486 --> 00:12:39.054 it was sort of a all in opportunity.
NOTE Confidence: 0.862879438571429

00:12:39.060 --> 00:12:41.592 And also I got to learn and meet many
NOTE Confidence: 0.862879438571429

00:12:41.592 --> 00:12:43.470 of the folks in the department and
NOTE Confidence: 0.862879438571429

00:12:43.470 --> 00:12:45.262 I want to echo what Linda said, I I.
NOTE Confidence: 0.862879438571429

00:12:45.262 --> 00:12:47.369 I could not think of a better
NOTE Confidence: 0.862879438571429

00:12:47.369 --> 00:12:49.353 situation for Med students to be
NOTE Confidence: 0.862879438571429

00:12:49.353 --> 00:12:51.749 in to be exposed between living in

NOTE Confidence: 0.862879438571429
00:12:51.749 --> 00:12:53.390 Harkness or you know Crown towers
NOTE Confidence: 0.862879438571429
00:12:53.390 --> 00:12:55.124 or some version of that and having
NOTE Confidence: 0.862879438571429
00:12:55.124 --> 00:12:56.649 accessibility to the residents and
NOTE Confidence: 0.862879438571429
00:12:56.649 --> 00:12:58.390 the attendings and then the Deans.
NOTE Confidence: 0.862879438571429
00:12:58.390 --> 00:13:01.393 And it's something even at MGH and
NOTE Confidence: 0.862879438571429
00:13:01.393 --> 00:13:03.360 Harvard we try to replicate and
NOTE Confidence: 0.862879438571429
00:13:03.360 --> 00:13:05.000 and it is very hard to do and
NOTE Confidence: 0.929022201538462
00:13:05.051 --> 00:13:06.390 it's something so, so special.
NOTE Confidence: 0.929022201538462
00:13:06.390 --> 00:13:07.350 That's part of it.
NOTE Confidence: 0.929022201538462
00:13:07.350 --> 00:13:10.662 But I felt like I was joining a community
NOTE Confidence: 0.929022201538462
00:13:10.662 --> 00:13:13.575 and love the surgery and love the.
NOTE Confidence: 0.929022201538462
00:13:13.580 --> 00:13:16.310 You know, the Unknown and Rot was
NOTE Confidence: 0.929022201538462
00:13:16.310 --> 00:13:18.668 an amazing mentor and I was lucky
NOTE Confidence: 0.929022201538462
00:13:18.668 --> 00:13:20.420 to look at my elder classmen,
NOTE Confidence: 0.929022201538462
00:13:20.420 --> 00:13:22.660 even though and Duka looks younger than
NOTE Confidence: 0.929022201538462

00:13:22.660 --> 00:13:24.474 me with with wisdom and and seeing
NOTE Confidence: 0.929022201538462

00:13:24.474 --> 00:13:26.539 that the path was actually attainable.
NOTE Confidence: 0.929022201538462

00:13:26.540 --> 00:13:28.524 And like many of you who are interested
NOTE Confidence: 0.929022201538462

00:13:28.524 --> 00:13:30.622 in it, it just seemed like such a
NOTE Confidence: 0.929022201538462

00:13:30.622 --> 00:13:32.780 huge jump to go from Med school,
NOTE Confidence: 0.929022201538462

00:13:32.780 --> 00:13:34.752 particularly one without grades.
NOTE Confidence: 0.929022201538462

00:13:34.752 --> 00:13:38.956 At the time to a residency and lo and behold,
NOTE Confidence: 0.929022201538462

00:13:38.956 --> 00:13:41.730 by some luck I got into MGH and
NOTE Confidence: 0.929022201538462

00:13:41.730 --> 00:13:44.130 I did my residency there.
NOTE Confidence: 0.929022201538462

00:13:44.130 --> 00:13:46.610 Afterwards I stayed on.
NOTE Confidence: 0.929022201538462

00:13:46.610 --> 00:13:49.162 I'm a brain tumor surgeon and
NOTE Confidence: 0.929022201538462

00:13:49.162 --> 00:13:52.010 I'm our program director.
NOTE Confidence: 0.929022201538462

00:13:52.010 --> 00:13:53.402 I'm a largely clinical,
NOTE Confidence: 0.929022201538462

00:13:53.402 --> 00:13:55.982 although I do run a a lab that's
NOTE Confidence: 0.929022201538462

00:13:55.982 --> 00:13:57.212 trying to develop the first
NOTE Confidence: 0.929022201538462

00:13:57.212 --> 00:13:58.609 blood test for brain tumors.

NOTE Confidence: 0.929022201538462
00:13:58.610 --> 00:14:02.210 So liquid biopsy and I do a lot of
NOTE Confidence: 0.929022201538462
00:14:02.210 --> 00:14:05.108 sort of innovation stuff outside of.
NOTE Confidence: 0.929022201538462
00:14:05.110 --> 00:14:05.610 Neurosurgery.
NOTE Confidence: 0.929022201538462
00:14:05.610 --> 00:14:06.610 Looking back,
NOTE Confidence: 0.929022201538462
00:14:06.610 --> 00:14:10.166 I will say this is the greatest
NOTE Confidence: 0.929022201538462
00:14:10.166 --> 00:14:11.708 field hands down.
NOTE Confidence: 0.929022201538462
00:14:11.710 --> 00:14:14.635 With all due respect to Paul and
NOTE Confidence: 0.929022201538462
00:14:14.635 --> 00:14:16.350 others who might not go into nursery,
NOTE Confidence: 0.929022201538462
00:14:16.350 --> 00:14:17.856 it's an amazing field And looking
NOTE Confidence: 0.929022201538462
00:14:17.856 --> 00:14:19.565 back I would do it again and
NOTE Confidence: 0.929022201538462
00:14:19.565 --> 00:14:21.070 Yale puts you in such a great
NOTE Confidence: 0.929022201538462
00:14:21.129 --> 00:14:22.619 position to choose things rather
NOTE Confidence: 0.929022201538462
00:14:22.619 --> 00:14:24.109 than being this rat race.
NOTE Confidence: 0.929022201538462
00:14:24.110 --> 00:14:25.841 And many,
NOTE Confidence: 0.929022201538462
00:14:25.841 --> 00:14:27.496 many years later my closest
NOTE Confidence: 0.929022201538462

00:14:27.496 --> 00:14:28.820 friends are are neurosurgeons.
NOTE Confidence: 0.929022201538462

00:14:28.820 --> 00:14:30.620 And some of the happiest people I know.
NOTE Confidence: 0.929022201538462

00:14:30.620 --> 00:14:31.504 And so you know,
NOTE Confidence: 0.929022201538462

00:14:31.504 --> 00:14:32.830 anything we can do on this
NOTE Confidence: 0.929022201538462

00:14:32.885 --> 00:14:34.362 panel to help any of you as
NOTE Confidence: 0.929022201538462

00:14:34.362 --> 00:14:35.819 you guys look at this career,
NOTE Confidence: 0.929022201538462

00:14:35.820 --> 00:14:37.860 particularly as you look at other
NOTE Confidence: 0.929022201538462

00:14:37.860 --> 00:14:40.980 programs outside of Yale and even at Yale,
NOTE Confidence: 0.929022201538462

00:14:40.980 --> 00:14:42.618 just we welcome you to this community.
NOTE Confidence: 0.950317

00:14:45.900 --> 00:14:47.220 Thank you so much From Brian.
NOTE Confidence: 0.956606625

00:14:47.220 --> 00:14:48.660 That was absolutely fantastic.
NOTE Confidence: 0.956606625

00:14:48.660 --> 00:14:50.100 So Doctor Howard Center,
NOTE Confidence: 0.956606625

00:14:50.100 --> 00:14:51.860 please tell us your perspectives.
NOTE Confidence: 0.936899133333333

00:14:52.480 --> 00:14:53.680 Hi, my name is Howard Center.
NOTE Confidence: 0.936899133333333

00:14:53.680 --> 00:14:56.320 I sort of stumbled into neurosurgery
NOTE Confidence: 0.936899133333333

00:14:56.320 --> 00:14:58.264 not knowing what I wanted when

NOTE Confidence: 0.936899133333333

00:14:58.264 --> 00:14:59.560 I entered medical school,

NOTE Confidence: 0.936899133333333

00:14:59.560 --> 00:15:02.115 and at the end of my third

NOTE Confidence: 0.936899133333333

00:15:02.115 --> 00:15:03.736 year I decided on neurosurgery.

NOTE Confidence: 0.936899133333333

00:15:03.736 --> 00:15:06.385 It was based on the fact that I

NOTE Confidence: 0.936899133333333

00:15:06.385 --> 00:15:08.140 love the neuroscience course in

NOTE Confidence: 0.936899133333333

00:15:08.140 --> 00:15:10.239 medical school and I liked surgery,

NOTE Confidence: 0.936899133333333

00:15:10.240 --> 00:15:12.100 but I wasn't really crazy about

NOTE Confidence: 0.936899133333333

00:15:12.100 --> 00:15:13.770 operating on the GI tract.

NOTE Confidence: 0.936899133333333

00:15:13.770 --> 00:15:15.898 So I took a rotation in neurosurgery

NOTE Confidence: 0.936899133333333

00:15:15.898 --> 00:15:18.154 and my mentor, Doctor Bennett Stein,

NOTE Confidence: 0.936899133333333

00:15:18.154 --> 00:15:19.946 who's chief of neurosurgery

NOTE Confidence: 0.936899133333333

00:15:19.946 --> 00:15:21.290 at Columbia Presbyterian,

NOTE Confidence: 0.936899133333333

00:15:21.290 --> 00:15:22.217 became my mentor.

NOTE Confidence: 0.936899133333333

00:15:22.217 --> 00:15:25.043 And he said why don't you do some

NOTE Confidence: 0.936899133333333

00:15:25.043 --> 00:15:26.810 neurology before neurosurgery?

NOTE Confidence: 0.936899133333333

00:15:26.810 --> 00:15:29.226 So I did neurology at NYU and then
NOTE Confidence: 0.9368991333333333

00:15:29.226 --> 00:15:31.810 entered the Yale Neurosurgical Residency,
NOTE Confidence: 0.9368991333333333

00:15:31.810 --> 00:15:33.100 which I completed.
NOTE Confidence: 0.9368991333333333

00:15:33.100 --> 00:15:35.250 My professor was Doctor Collins,
NOTE Confidence: 0.9368991333333333

00:15:35.250 --> 00:15:36.330 who's already been referred to,
NOTE Confidence: 0.9368991333333333

00:15:36.330 --> 00:15:37.882 who is Harvey Cushing,
NOTE Confidence: 0.9368991333333333

00:15:37.882 --> 00:15:39.046 Professor of Neurosurgery,
NOTE Confidence: 0.9368991333333333

00:15:39.050 --> 00:15:40.490 and he was a great mentor.
NOTE Confidence: 0.9368991333333333

00:15:40.490 --> 00:15:42.206 And I was coresidence with Joe,
NOTE Confidence: 0.9368991333333333

00:15:42.210 --> 00:15:44.290 Pete Meyer and Charlie
NOTE Confidence: 0.9368991333333333

00:15:44.290 --> 00:15:45.850 Duncan when I was at Yale,
NOTE Confidence: 0.9368991333333333

00:15:45.850 --> 00:15:48.250 so I knew a lot of the faculty
NOTE Confidence: 0.9368991333333333

00:15:48.250 --> 00:15:50.810 who have been referred to.
NOTE Confidence: 0.9368991333333333

00:15:50.810 --> 00:15:52.002 Looking back my career,
NOTE Confidence: 0.9368991333333333

00:15:52.002 --> 00:15:54.665 I stayed at Yale for one year after
NOTE Confidence: 0.9368991333333333

00:15:54.665 --> 00:15:56.685 completing my residency and then

NOTE Confidence: 0.9368991333333333
00:15:56.685 --> 00:15:58.769 decided that although I loved Yale,
NOTE Confidence: 0.9368991333333333
00:15:58.770 --> 00:16:00.930 I wasn't crazy about New Haven
NOTE Confidence: 0.9368991333333333
00:16:00.930 --> 00:16:02.170 and I moved to Pittsburgh.
NOTE Confidence: 0.9368991333333333
00:16:02.170 --> 00:16:04.634 There was a need of vascular neurosurgery
NOTE Confidence: 0.9368991333333333
00:16:04.634 --> 00:16:07.330 and that was sort of my subspecialty,
NOTE Confidence: 0.9368991333333333
00:16:07.330 --> 00:16:10.090 doing intracranial to extracranial bypasses,
NOTE Confidence: 0.9368991333333333
00:16:10.090 --> 00:16:10.807 aneurysms,
NOTE Confidence: 0.9368991333333333
00:16:10.807 --> 00:16:12.958 and a VM's.
NOTE Confidence: 0.9368991333333333
00:16:12.960 --> 00:16:14.759 And over the next 15 years I
NOTE Confidence: 0.9368991333333333
00:16:14.759 --> 00:16:16.682 went from a three Man Group to
NOTE Confidence: 0.9368991333333333
00:16:16.682 --> 00:16:18.760 A5 Man Group to A10 Man Group.
NOTE Confidence: 0.9368991333333333
00:16:18.760 --> 00:16:21.152 And finally in my last 15 years I
NOTE Confidence: 0.9368991333333333
00:16:21.152 --> 00:16:23.350 joined an academic institution where
NOTE Confidence: 0.9368991333333333
00:16:23.350 --> 00:16:25.760 we had residents, did teaching,
NOTE Confidence: 0.9368991333333333
00:16:25.760 --> 00:16:27.080 and did research.
NOTE Confidence: 0.9368991333333333

00:16:27.080 --> 00:16:28.690 So I've sort of been on both
NOTE Confidence: 0.9368991333333333

00:16:28.690 --> 00:16:29.720 sides of the coin.
NOTE Confidence: 0.9368991333333333

00:16:29.720 --> 00:16:33.418 I can certainly recommend a large
NOTE Confidence: 0.9368991333333333

00:16:33.418 --> 00:16:36.112 group or an academic position with
NOTE Confidence: 0.9368991333333333

00:16:36.112 --> 00:16:38.678 a residency program as a way to
NOTE Confidence: 0.9368991333333333

00:16:38.680 --> 00:16:40.345 keep you from working yourself
NOTE Confidence: 0.9368991333333333

00:16:40.345 --> 00:16:42.400 to death and being on call.
NOTE Confidence: 0.9368991333333333

00:16:42.400 --> 00:16:44.416 Every other night or every third
NOTE Confidence: 0.9368991333333333

00:16:44.416 --> 00:16:46.599 night for trauma as an attending
NOTE Confidence: 0.9368991333333333

00:16:46.600 --> 00:16:48.632 can be very stressful.
NOTE Confidence: 0.9368991333333333

00:16:48.632 --> 00:16:50.156 Looking at neurosurgery,
NOTE Confidence: 0.9368991333333333

00:16:50.160 --> 00:16:51.880 I chose it because, one,
NOTE Confidence: 0.9368991333333333

00:16:51.880 --> 00:16:54.384 it's an incredible puzzle, Two,
NOTE Confidence: 0.9368991333333333

00:16:54.384 --> 00:16:56.280 it's very challenging.
NOTE Confidence: 0.9368991333333333

00:16:56.280 --> 00:16:58.170 3 it gives you a.
NOTE Confidence: 0.9368991333333333

00:16:58.170 --> 00:17:00.390 Tremendous ability to directly impact

NOTE Confidence: 0.936899133333333

00:17:00.390 --> 00:17:03.049 patients lives and I would always

NOTE Confidence: 0.936899133333333

00:17:03.049 --> 00:17:05.251 tell my friends and residents that

NOTE Confidence: 0.936899133333333

00:17:05.251 --> 00:17:07.756 what I like best about neurosurgery

NOTE Confidence: 0.936899133333333

00:17:07.756 --> 00:17:09.966 was not the operating room.

NOTE Confidence: 0.936899133333333

00:17:09.970 --> 00:17:12.105 What I like best in neurosurgery was

NOTE Confidence: 0.936899133333333

00:17:12.105 --> 00:17:14.142 the clinic where the patient returned

NOTE Confidence: 0.936899133333333

00:17:14.142 --> 00:17:16.254 three to four weeks after surgery.

NOTE Confidence: 0.936899133333333

00:17:16.260 --> 00:17:17.946 Having been relieved of their pain

NOTE Confidence: 0.936899133333333

00:17:17.946 --> 00:17:19.688 or treated for their brain tumor

NOTE Confidence: 0.936899133333333

00:17:19.688 --> 00:17:21.374 or had their aneurysm clipped and

NOTE Confidence: 0.936899133333333

00:17:21.374 --> 00:17:23.220 they said thank you doctor center,

NOTE Confidence: 0.936899133333333

00:17:23.220 --> 00:17:24.820 I feel so much better.

NOTE Confidence: 0.936899133333333

00:17:24.820 --> 00:17:27.184 And to anybody who's had any

NOTE Confidence: 0.936899133333333

00:17:27.184 --> 00:17:28.760 medical problem and they've

NOTE Confidence: 0.936899133333333

00:17:28.836 --> 00:17:31.153 gone to an orthopedist or an ENT

NOTE Confidence: 0.936899133333333

00:17:31.153 --> 00:17:33.097 surgeon or any other specialty
NOTE Confidence: 0.9368991333333333

00:17:33.097 --> 00:17:35.737 and been relieved of that problem.
NOTE Confidence: 0.9368991333333333

00:17:35.740 --> 00:17:38.267 I think that that gives you some
NOTE Confidence: 0.9368991333333333

00:17:38.267 --> 00:17:41.154 insight into what I felt is the the
NOTE Confidence: 0.9368991333333333

00:17:41.154 --> 00:17:43.540 best part of neurosurgery which is
NOTE Confidence: 0.9368991333333333

00:17:43.540 --> 00:17:46.605 the ability to directly for a positive.
NOTE Confidence: 0.9368991333333333

00:17:46.605 --> 00:17:48.380 Have sense impact patient lives.
NOTE Confidence: 0.950317

00:17:52.980 --> 00:17:54.340 Thank you. Thank you very much.
NOTE Confidence: 0.94629164

00:17:54.340 --> 00:17:56.200 Doctor Center. So we're over
NOTE Confidence: 0.94629164

00:17:56.200 --> 00:17:58.060 to Doctor Heather McRae now.
NOTE Confidence: 0.94629164

00:17:58.060 --> 00:18:00.460 Please let us know about your own path.
NOTE Confidence: 0.950317

00:18:01.940 --> 00:18:06.200 Hi everyone. So I entered not knowing
NOTE Confidence: 0.950317

00:18:06.200 --> 00:18:09.820 that I was interested in neurosurgery.
NOTE Confidence: 0.950317

00:18:09.820 --> 00:18:11.920 I actually, I thought I might want
NOTE Confidence: 0.950317

00:18:11.920 --> 00:18:14.099 to do some sort of pediatric.
NOTE Confidence: 0.950317

00:18:14.100 --> 00:18:17.028 Specialty, but actually thought I did

NOTE Confidence: 0.950317

00:18:17.028 --> 00:18:20.276 not want to do something in surgery

NOTE Confidence: 0.950317

00:18:20.276 --> 00:18:23.300 and change my mind based on mentorship.

NOTE Confidence: 0.950317

00:18:23.300 --> 00:18:25.900 So that I think has been a theme of everyone.

NOTE Confidence: 0.950317

00:18:25.900 --> 00:18:27.736 And I forgot to introduce where I am now.

NOTE Confidence: 0.950317

00:18:27.740 --> 00:18:29.765 I'm an assistant professor of

NOTE Confidence: 0.950317

00:18:29.765 --> 00:18:32.180 neurosurgery at the University of Miami

NOTE Confidence: 0.950317

00:18:32.180 --> 00:18:33.536 going out for associate this year.

NOTE Confidence: 0.950317

00:18:33.540 --> 00:18:35.225 And I'm director of Pediatric

NOTE Confidence: 0.950317

00:18:35.225 --> 00:18:36.573 Neurosurgery at Holt's Children's,

NOTE Confidence: 0.950317

00:18:36.580 --> 00:18:37.820 which is the Children's Hospital

NOTE Confidence: 0.950317

00:18:37.820 --> 00:18:39.060 of the Jackson Health System,

NOTE Confidence: 0.950317

00:18:39.060 --> 00:18:43.225 the County Health Network down in Miami.

NOTE Confidence: 0.950317

00:18:43.230 --> 00:18:44.706 So I'm based out in Miami.

NOTE Confidence: 0.950317

00:18:44.710 --> 00:18:46.066 So when I entered Med school,

NOTE Confidence: 0.950317

00:18:46.070 --> 00:18:48.838 I asked one of my small group section

NOTE Confidence: 0.950317

00:18:48.838 --> 00:18:51.230 leaders for a pediatric oncologist,
NOTE Confidence: 0.950317

00:18:51.230 --> 00:18:54.190 pulmonologist and neurologist to shadow.
NOTE Confidence: 0.950317

00:18:54.190 --> 00:18:55.426 The pulmonologist didn't respond,
NOTE Confidence: 0.950317

00:18:55.426 --> 00:18:57.790 but I subsequently matter and she was great.
NOTE Confidence: 0.950317

00:18:57.790 --> 00:18:59.085 The oncologist didn't really know
NOTE Confidence: 0.950317

00:18:59.085 --> 00:19:01.319 what to do with the Med student and
NOTE Confidence: 0.950317

00:19:01.319 --> 00:19:02.789 the neurologist was Laura Meant,
NOTE Confidence: 0.950317

00:19:02.790 --> 00:19:06.290 who was amazing and adopted me and by
NOTE Confidence: 0.950317

00:19:06.290 --> 00:19:08.750 the end of my first year had me set on
NOTE Confidence: 0.950317

00:19:08.750 --> 00:19:11.790 becoming a pediatric neurologist And then.
NOTE Confidence: 0.950317

00:19:11.790 --> 00:19:13.310 At the end of my second year of Med school,
NOTE Confidence: 0.950317

00:19:13.310 --> 00:19:14.462 I asked if I might be able to
NOTE Confidence: 0.950317

00:19:14.462 --> 00:19:15.788 go to the OR with her husband,
NOTE Confidence: 0.950317

00:19:15.790 --> 00:19:18.070 who was Charles Duncan, who's been
NOTE Confidence: 0.950317

00:19:18.070 --> 00:19:20.880 mentioned already as well and was like,
NOTE Confidence: 0.950317

00:19:20.880 --> 00:19:23.030 wow, this is really amazing.

NOTE Confidence: 0.950317
00:19:23.030 --> 00:19:25.746 I really enjoy being in the OR,
NOTE Confidence: 0.950317
00:19:25.750 --> 00:19:27.395 and then I debated a bit what
NOTE Confidence: 0.950317
00:19:27.395 --> 00:19:30.138 to do some of the people.
NOTE Confidence: 0.950317
00:19:30.140 --> 00:19:31.418 That Brian mentioned,
NOTE Confidence: 0.950317
00:19:31.418 --> 00:19:32.696 we're all there.
NOTE Confidence: 0.950317
00:19:32.700 --> 00:19:33.792 When I was there,
NOTE Confidence: 0.950317
00:19:33.792 --> 00:19:35.762 Brian was a Med student as well
NOTE Confidence: 0.950317
00:19:35.762 --> 00:19:37.404 and Duka was there too.
NOTE Confidence: 0.950317
00:19:37.404 --> 00:19:39.947 And a number of the residents impacted
NOTE Confidence: 0.950317
00:19:39.947 --> 00:19:41.909 my decision to go into neurosurgery
NOTE Confidence: 0.950317
00:19:41.909 --> 00:19:43.945 because they started letting us as medical
NOTE Confidence: 0.950317
00:19:43.945 --> 00:19:45.860 students do more and more in the OR.
NOTE Confidence: 0.950317
00:19:45.860 --> 00:19:48.416 And we're very encouraging and they're,
NOTE Confidence: 0.950317
00:19:48.420 --> 00:19:51.248 I would say that the triad of
NOTE Confidence: 0.950317
00:19:51.248 --> 00:19:53.300 faculty members of Charles Duncan,
NOTE Confidence: 0.950317

00:19:53.300 --> 00:19:55.820 Joe Pete Meyer and Dennis Spencer
NOTE Confidence: 0.950317

00:19:55.820 --> 00:19:57.724 sort of took I think both Linda
NOTE Confidence: 0.950317

00:19:57.724 --> 00:19:59.310 and I under their wing.
NOTE Confidence: 0.950317

00:19:59.310 --> 00:20:00.574 In the operating room.
NOTE Confidence: 0.950317

00:20:00.574 --> 00:20:02.784 So Duncan was my main mentor, Joe.
NOTE Confidence: 0.950317

00:20:02.784 --> 00:20:04.668 Pete Meyer was Linda's main mentor,
NOTE Confidence: 0.950317

00:20:04.670 --> 00:20:06.836 but the three of them were
NOTE Confidence: 0.950317

00:20:06.836 --> 00:20:08.590 incredible to both of us.
NOTE Confidence: 0.950317

00:20:08.590 --> 00:20:08.789 Linda,
NOTE Confidence: 0.950317

00:20:08.789 --> 00:20:09.187 I think,
NOTE Confidence: 0.950317

00:20:09.187 --> 00:20:10.580 news since she was five that she
NOTE Confidence: 0.950317

00:20:10.624 --> 00:20:11.908 was going to be a neurosurgeon,
NOTE Confidence: 0.950317

00:20:11.910 --> 00:20:13.590 but I took longer.
NOTE Confidence: 0.950317

00:20:13.590 --> 00:20:16.370 I was MDPHD and I didn't fully
NOTE Confidence: 0.950317

00:20:16.370 --> 00:20:18.482 decide until part way through my
NOTE Confidence: 0.950317

00:20:18.482 --> 00:20:21.299 PhD when I'd had a really rough day.

NOTE Confidence: 0.950317

00:20:21.300 --> 00:20:22.641 I went to the Ora with Duncan and at

NOTE Confidence: 0.950317

00:20:22.641 --> 00:20:24.020 the end of the day I came out going,

NOTE Confidence: 0.950317

00:20:24.020 --> 00:20:26.498 wow, this was an amazing day.

NOTE Confidence: 0.950317

00:20:26.500 --> 00:20:27.372 And I was like,

NOTE Confidence: 0.950317

00:20:27.372 --> 00:20:28.996 if this has the power to transform

NOTE Confidence: 0.950317

00:20:28.996 --> 00:20:30.788 from it being kind of a crappy

NOTE Confidence: 0.950317

00:20:30.788 --> 00:20:32.619 day to a really wonderful day,

NOTE Confidence: 0.950317

00:20:32.620 --> 00:20:34.420 this is the right fit.

NOTE Confidence: 0.950317

00:20:34.420 --> 00:20:36.616 And Mike Deluna, who has mentioned,

NOTE Confidence: 0.950317

00:20:36.620 --> 00:20:38.657 had actually said if you can imagine

NOTE Confidence: 0.950317

00:20:38.657 --> 00:20:40.418 yourself going into any other field,

NOTE Confidence: 0.950317

00:20:40.420 --> 00:20:41.540 you should do that.

NOTE Confidence: 0.950317

00:20:41.540 --> 00:20:42.940 It's probably an easier path,

NOTE Confidence: 0.950317

00:20:42.940 --> 00:20:45.420 but if you get to the point that you can't.

NOTE Confidence: 0.932886916666667

00:20:45.420 --> 00:20:46.980 Think of anything other than neurosurgery.

NOTE Confidence: 0.932886916666667

00:20:46.980 --> 00:20:48.064 You should do neurosurgery.
NOTE Confidence: 0.932886916666667

00:20:48.064 --> 00:20:49.690 And I thought that was a
NOTE Confidence: 0.932886916666667

00:20:49.744 --> 00:20:51.099 really good bit of advice.
NOTE Confidence: 0.932886916666667

00:20:51.100 --> 00:20:53.572 I actually give that advice to
NOTE Confidence: 0.932886916666667

00:20:53.572 --> 00:20:56.069 medical students that I teach now.
NOTE Confidence: 0.932886916666667

00:20:56.070 --> 00:20:58.861 So by the end of my MDPHD,
NOTE Confidence: 0.932886916666667

00:20:58.861 --> 00:21:01.590 which I did my PhD in Peter de Camille's lab,
NOTE Confidence: 0.932886916666667

00:21:01.590 --> 00:21:04.362 I had really decided on pediatric
NOTE Confidence: 0.932886916666667

00:21:04.362 --> 00:21:05.493 neurosurgery based on that.
NOTE Confidence: 0.932886916666667

00:21:05.493 --> 00:21:07.040 That was one of the reasons that
NOTE Confidence: 0.932886916666667

00:21:07.091 --> 00:21:08.753 led me to choose Cornell and
NOTE Confidence: 0.932886916666667

00:21:08.753 --> 00:21:09.861 Sloan Kettering for residency,
NOTE Confidence: 0.932886916666667

00:21:09.870 --> 00:21:12.910 because I could do Peeds throughout my time,
NOTE Confidence: 0.932886916666667

00:21:12.910 --> 00:21:14.510 as opposed to some residencies
NOTE Confidence: 0.932886916666667

00:21:14.510 --> 00:21:17.020 where you can only do Peeds as a
NOTE Confidence: 0.932886916666667

00:21:17.020 --> 00:21:18.870 set rotation during a specific year.

NOTE Confidence: 0.932886916666667
00:21:18.870 --> 00:21:20.006 And then after Cornell,
NOTE Confidence: 0.932886916666667
00:21:20.006 --> 00:21:22.093 I went to Boston Children's for my
NOTE Confidence: 0.932886916666667
00:21:22.093 --> 00:21:23.413 pediatric neurosurgery fellowship and
NOTE Confidence: 0.932886916666667
00:21:23.413 --> 00:21:26.708 then came down to Miami and I think.
NOTE Confidence: 0.932886916666667
00:21:26.710 --> 00:21:28.740 I would argue unlike all the tumor
NOTE Confidence: 0.932886916666667
00:21:28.740 --> 00:21:30.470 surgeons that Peeds is the best
NOTE Confidence: 0.932886916666667
00:21:30.470 --> 00:21:32.078 because we have the most diverse
NOTE Confidence: 0.932886916666667
00:21:32.078 --> 00:21:33.858 array of cases and kids bounce
NOTE Confidence: 0.932886916666667
00:21:33.858 --> 00:21:35.308 back like adults could never.
NOTE Confidence: 0.932886916666667
00:21:35.310 --> 00:21:37.374 But I think there there's really
NOTE Confidence: 0.932886916666667
00:21:37.374 --> 00:21:38.750 neat aspects of neurosurgery,
NOTE Confidence: 0.932886916666667
00:21:38.750 --> 00:21:41.252 whatever some special to you go
NOTE Confidence: 0.932886916666667
00:21:41.252 --> 00:21:45.885 into and if you it's good to keep an
NOTE Confidence: 0.932886916666667
00:21:45.885 --> 00:21:48.150 open mind as you start residency.
NOTE Confidence: 0.932886916666667
00:21:48.150 --> 00:21:51.993 I somewhat did but mostly was set on Peeds.
NOTE Confidence: 0.932886916666667

00:21:52.000 --> 00:21:54.030 But I think it's a fabulous field
NOTE Confidence: 0.932886916666667

00:21:54.030 --> 00:21:55.931 where you really have a huge ability
NOTE Confidence: 0.932886916666667

00:21:55.931 --> 00:21:58.289 to make an impact on a patient who can
NOTE Confidence: 0.932886916666667

00:21:58.289 --> 00:22:00.877 be super sick when you meet them and
NOTE Confidence: 0.932886916666667

00:22:00.877 --> 00:22:04.699 then they recover and do fantastic.
NOTE Confidence: 0.932886916666667

00:22:04.700 --> 00:22:05.528 So for instance,
NOTE Confidence: 0.932886916666667

00:22:05.528 --> 00:22:07.852 on Monday we had a kid who came
NOTE Confidence: 0.932886916666667

00:22:07.852 --> 00:22:09.136 in with an epidural.
NOTE Confidence: 0.932886916666667

00:22:09.140 --> 00:22:10.900 They're basically on death's doorstep.
NOTE Confidence: 0.932886916666667

00:22:10.900 --> 00:22:13.140 You take that out and she's walking around
NOTE Confidence: 0.932886916666667

00:22:13.140 --> 00:22:15.062 the unit and doing great postoperatively,
NOTE Confidence: 0.932886916666667

00:22:15.062 --> 00:22:17.472 and that's really amazing to
NOTE Confidence: 0.932886916666667

00:22:17.472 --> 00:22:19.900 be able to do that.
NOTE Confidence: 0.932886916666667

00:22:19.900 --> 00:22:21.314 The other thing I will add in
NOTE Confidence: 0.932886916666667

00:22:21.314 --> 00:22:22.928 terms of how supportive Yale was.
NOTE Confidence: 0.932886916666667

00:22:22.930 --> 00:22:24.834 I think we do have a tremendous

NOTE Confidence: 0.932886916666667
00:22:24.834 --> 00:22:26.662 number of people who go into
NOTE Confidence: 0.932886916666667
00:22:26.662 --> 00:22:27.926 neurosurgery from Yale Med.
NOTE Confidence: 0.932886916666667
00:22:27.930 --> 00:22:28.858 In the starting class
NOTE Confidence: 0.932886916666667
00:22:28.858 --> 00:22:30.250 that Linda and I were in,
NOTE Confidence: 0.932886916666667
00:22:30.250 --> 00:22:33.008 we ended up finishing in different classes.
NOTE Confidence: 0.932886916666667
00:22:33.010 --> 00:22:35.014 There were eight women from our
NOTE Confidence: 0.932886916666667
00:22:35.014 --> 00:22:37.210 class who went into neurosurgery
NOTE Confidence: 0.932886916666667
00:22:37.210 --> 00:22:38.946 and graduated different times.
NOTE Confidence: 0.932886916666667
00:22:38.946 --> 00:22:41.550 And I remain very close friends
NOTE Confidence: 0.932886916666667
00:22:41.620 --> 00:22:43.088 with several of them.
NOTE Confidence: 0.932886916666667
00:22:43.090 --> 00:22:45.338 And I think that's pretty unique to have
NOTE Confidence: 0.932886916666667
00:22:45.338 --> 00:22:47.210 those friendships maintained 20 years later.
NOTE Confidence: 0.932886916666667
00:22:47.210 --> 00:22:49.815 So happy to take any questions
NOTE Confidence: 0.932886916666667
00:22:49.815 --> 00:22:50.683 later that people have.
NOTE Confidence: 0.885273286666667
00:22:55.730 --> 00:22:57.170 Thank you so much, Doctor McRae.
NOTE Confidence: 0.885273286666667

00:22:57.170 --> 00:22:59.610 So Doctor Joseph King, please.
NOTE Confidence: 0.885273286666667

00:22:59.610 --> 00:23:03.410 You are situated on the Yale faculty now,
NOTE Confidence: 0.885273286666667

00:23:03.410 --> 00:23:04.770 so give us your perspective.
NOTE Confidence: 0.875276388

00:23:05.850 --> 00:23:07.130 Thank. Thank you very much.
NOTE Confidence: 0.875276388

00:23:07.130 --> 00:23:08.905 My Internet connection is telling
NOTE Confidence: 0.875276388

00:23:08.905 --> 00:23:10.325 me it's unstable sometimes.
NOTE Confidence: 0.875276388

00:23:10.330 --> 00:23:12.563 So hopefully we'll be able to get
NOTE Confidence: 0.875276388

00:23:12.563 --> 00:23:14.650 through this without too many glitches.
NOTE Confidence: 0.875276388

00:23:14.650 --> 00:23:17.290 I'm closer to some of the other panelists
NOTE Confidence: 0.875276388

00:23:17.290 --> 00:23:19.999 here who decided on neurosurgery early.
NOTE Confidence: 0.875276388

00:23:20.000 --> 00:23:22.000 I always like to fix things growing up,
NOTE Confidence: 0.875276388

00:23:22.000 --> 00:23:24.016 whether it was my bicycle or doing
NOTE Confidence: 0.875276388

00:23:24.016 --> 00:23:25.480 repair work around the house.
NOTE Confidence: 0.875276388

00:23:25.480 --> 00:23:27.048 And my dad actually kind of turned
NOTE Confidence: 0.875276388

00:23:27.048 --> 00:23:28.354 over the house maintenance to me
NOTE Confidence: 0.875276388

00:23:28.354 --> 00:23:29.975 when I was about 12 or 13 because

NOTE Confidence: 0.875276388

00:23:29.975 --> 00:23:31.559 I was better at it than he was.

NOTE Confidence: 0.875276388

00:23:31.560 --> 00:23:33.688 And then I was also very interested

NOTE Confidence: 0.875276388

00:23:33.688 --> 00:23:35.280 in science and the brain.

NOTE Confidence: 0.875276388

00:23:35.280 --> 00:23:37.674 And then sometime in high school I

NOTE Confidence: 0.875276388

00:23:37.674 --> 00:23:40.112 read something, I think it was a New

NOTE Confidence: 0.875276388

00:23:40.112 --> 00:23:41.710 York Times Magazine article about.

NOTE Confidence: 0.875276388

00:23:41.710 --> 00:23:41.950 You know,

NOTE Confidence: 0.875276388

00:23:41.950 --> 00:23:43.750 a week in the life of a neurosurgeon.

NOTE Confidence: 0.875276388

00:23:43.750 --> 00:23:45.430 And I said, yeah, that's for me,

NOTE Confidence: 0.875276388

00:23:45.430 --> 00:23:47.010 I want to learn to be able to fix the

NOTE Confidence: 0.875276388

00:23:47.053 --> 00:23:48.586 brain because it works with my fits,

NOTE Confidence: 0.875276388

00:23:48.590 --> 00:23:50.926 with my interest in science and the brain

NOTE Confidence: 0.875276388

00:23:50.926 --> 00:23:52.950 and and my mechanical proclivities.

NOTE Confidence: 0.875276388

00:23:52.950 --> 00:23:55.950 And that persisted through college.

NOTE Confidence: 0.875276388

00:23:55.950 --> 00:23:56.334 You know,

NOTE Confidence: 0.875276388

00:23:56.334 --> 00:23:57.870 I did a I did biology and psychology
NOTE Confidence: 0.875276388

00:23:57.913 --> 00:23:59.161 study in college because I thought
NOTE Confidence: 0.875276388

00:23:59.161 --> 00:24:00.669 that would be a Boston College.
NOTE Confidence: 0.875276388

00:24:00.670 --> 00:24:03.217 I thought that would be a a good preparation.
NOTE Confidence: 0.875276388

00:24:03.217 --> 00:24:05.240 And I also got my first introduction
NOTE Confidence: 0.875276388

00:24:05.301 --> 00:24:06.810 to research and then came to
NOTE Confidence: 0.875276388

00:24:06.810 --> 00:24:07.985 Yale and had a mark,
NOTE Confidence: 0.875276388

00:24:07.990 --> 00:24:09.361 same marvel experience
NOTE Confidence: 0.875276388

00:24:09.361 --> 00:24:11.189 that other people have.
NOTE Confidence: 0.875276388

00:24:11.190 --> 00:24:13.190 Similar exposures to, you know,
NOTE Confidence: 0.875276388

00:24:13.190 --> 00:24:15.510 the more senior faculty.
NOTE Confidence: 0.875276388

00:24:15.510 --> 00:24:17.678 Dennis Spencer, Charles Duncan,
NOTE Confidence: 0.875276388

00:24:17.678 --> 00:24:19.190 Joe Pete Meyer.
NOTE Confidence: 0.875276388

00:24:19.190 --> 00:24:21.305 Doctor Collins was here also when I was here.
NOTE Confidence: 0.875276388

00:24:21.310 --> 00:24:26.470 I I graduated in 1988 and I also
NOTE Confidence: 0.875276388

00:24:26.470 --> 00:24:28.750 met a classmate my first year,

NOTE Confidence: 0.875276388

00:24:28.750 --> 00:24:29.404 Amy Justice.

NOTE Confidence: 0.875276388

00:24:29.404 --> 00:24:31.693 And we got married during our fifth

NOTE Confidence: 0.875276388

00:24:31.693 --> 00:24:33.510 year of medical school and went

NOTE Confidence: 0.875276388

00:24:33.510 --> 00:24:35.740 off to Penn for our residencies.

NOTE Confidence: 0.875276388

00:24:35.740 --> 00:24:38.050 Where I had a wonderful neurosurgical

NOTE Confidence: 0.875276388

00:24:38.050 --> 00:24:40.002 training experience there and became

NOTE Confidence: 0.875276388

00:24:40.002 --> 00:24:41.752 very interested in vascular surgery

NOTE Confidence: 0.875276388

00:24:41.752 --> 00:24:44.323 and thought when I came out that I

NOTE Confidence: 0.875276388

00:24:44.323 --> 00:24:45.979 wanted to be a vascular surgeon.

NOTE Confidence: 0.875276388

00:24:45.980 --> 00:24:47.420 But the other important thing that

NOTE Confidence: 0.875276388

00:24:47.420 --> 00:24:49.418 I did is that during my lab time

NOTE Confidence: 0.875276388

00:24:49.418 --> 00:24:50.888 while I had done basic science

NOTE Confidence: 0.875276388

00:24:50.946 --> 00:24:52.434 research while at Yale, I.

NOTE Confidence: 0.875276388

00:24:52.434 --> 00:24:54.772 Went and got a master's degree in

NOTE Confidence: 0.875276388

00:24:54.772 --> 00:24:56.359 clinical epidemiology and Biostatistics

NOTE Confidence: 0.875276388

00:24:56.359 --> 00:24:58.921 because I was more inclined towards

NOTE Confidence: 0.875276388

00:24:58.921 --> 00:25:00.409 statistical analysis and using,

NOTE Confidence: 0.875276388

00:25:00.410 --> 00:25:02.192 you know, large databases and doing

NOTE Confidence: 0.875276388

00:25:02.192 --> 00:25:04.448 kind of early big data and modeling.

NOTE Confidence: 0.875276388

00:25:04.450 --> 00:25:06.262 You know that I was, you know,

NOTE Confidence: 0.875276388

00:25:06.262 --> 00:25:07.326 doing basic science research.

NOTE Confidence: 0.875276388

00:25:07.330 --> 00:25:09.535 And so that kind of set me off in

NOTE Confidence: 0.875276388

00:25:09.535 --> 00:25:11.890 a different research direction.

NOTE Confidence: 0.875276388

00:25:11.890 --> 00:25:13.614 And then once we,

NOTE Confidence: 0.875276388

00:25:13.614 --> 00:25:15.769 once I finished my training,

NOTE Confidence: 0.875276388

00:25:15.770 --> 00:25:19.250 my wife and I relocated to.

NOTE Confidence: 0.875276388

00:25:19.250 --> 00:25:19.910 Pace Western,

NOTE Confidence: 0.875276388

00:25:19.910 --> 00:25:21.890 where I worked for three years

NOTE Confidence: 0.875276388

00:25:21.890 --> 00:25:24.515 and I started out as a vascular

NOTE Confidence: 0.875276388

00:25:24.515 --> 00:25:26.134 neurosurgeon and then that didn't

NOTE Confidence: 0.875276388

00:25:26.134 --> 00:25:28.489 work out and so we moved to PIT

NOTE Confidence: 0.875276388

00:25:28.490 --> 00:25:30.419 and at Pitt there were four or

NOTE Confidence: 0.875276388

00:25:30.419 --> 00:25:31.711 five other vascular neurosurgeons

NOTE Confidence: 0.875276388

00:25:31.711 --> 00:25:34.037 already and I found it to be perhaps

NOTE Confidence: 0.875276388

00:25:34.037 --> 00:25:35.941 a bit more stressful than I had

NOTE Confidence: 0.875276388

00:25:35.941 --> 00:25:37.326 wanted to have that lifestyle.

NOTE Confidence: 0.875276388

00:25:37.330 --> 00:25:39.244 Everybody who has a vascular problem

NOTE Confidence: 0.875276388

00:25:39.244 --> 00:25:40.891 seems to have their hemorrhage

NOTE Confidence: 0.875276388

00:25:40.891 --> 00:25:43.033 at night or on weekends or both.

NOTE Confidence: 0.875276388

00:25:43.040 --> 00:25:44.460 It's very disruptive to your

NOTE Confidence: 0.875276388

00:25:44.460 --> 00:25:45.880 your personal life and and

NOTE Confidence: 0.922558640666666

00:25:45.932 --> 00:25:47.955 so I switched to a general neurosurgical

NOTE Confidence: 0.922558640666666

00:25:47.955 --> 00:25:50.268 role and that's why I also took on a

NOTE Confidence: 0.922558640666666

00:25:50.268 --> 00:25:51.892 lot of responsibility of taking care

NOTE Confidence: 0.922558640666666

00:25:51.892 --> 00:25:54.314 of veterans at at the VA hospital

NOTE Confidence: 0.922558640666666

00:25:54.320 --> 00:25:55.888 for some of the students who may

NOTE Confidence: 0.922558640666666

00:25:55.888 --> 00:25:57.822 not be aware the US government runs

NOTE Confidence: 0.922558640666666

00:25:57.822 --> 00:25:59.793 a healthcare system for veterans

NOTE Confidence: 0.922558640666666

00:25:59.793 --> 00:26:03.664 of our of our armed forces and.

NOTE Confidence: 0.922558640666666

00:26:03.670 --> 00:26:05.868 So ever since early in my career,

NOTE Confidence: 0.922558640666666

00:26:05.870 --> 00:26:07.665 I've actually spent a substantial

NOTE Confidence: 0.922558640666666

00:26:07.665 --> 00:26:10.588 amount of my time at the VA hospital.

NOTE Confidence: 0.922558640666666

00:26:10.590 --> 00:26:13.014 And then about five years later

NOTE Confidence: 0.922558640666666

00:26:13.014 --> 00:26:15.100 in 2000 and two, 2003, I,

NOTE Confidence: 0.922558640666666

00:26:15.100 --> 00:26:16.745 my wife and I were invited to

NOTE Confidence: 0.922558640666666

00:26:16.745 --> 00:26:18.142 come back to Yale, you know,

NOTE Confidence: 0.922558640666666

00:26:18.142 --> 00:26:19.710 kind of go full circle to come back

NOTE Confidence: 0.922558640666666

00:26:19.757 --> 00:26:21.107 and teach where we were taught.

NOTE Confidence: 0.922558640666666

00:26:21.110 --> 00:26:23.114 And so currently I'm an associate

NOTE Confidence: 0.922558640666666

00:26:23.114 --> 00:26:24.860 professor of neurosurgery and I'm

NOTE Confidence: 0.922558640666666

00:26:24.860 --> 00:26:26.625 also the Associate Program Director.

NOTE Confidence: 0.922558640666666

00:26:26.630 --> 00:26:27.430 So I have, you know,

NOTE Confidence: 0.922558640666666

00:26:27.430 --> 00:26:29.383 the honor of of working with Mike de Lune,

NOTE Confidence: 0.922558640666666

00:26:29.390 --> 00:26:31.652 our program Director to train the

NOTE Confidence: 0.922558640666666

00:26:31.652 --> 00:26:33.160 next generation of neurosurgeons.

NOTE Confidence: 0.922558640666666

00:26:33.160 --> 00:26:34.880 And on my clinical work is full time

NOTE Confidence: 0.922558640666666

00:26:34.880 --> 00:26:37.012 at the VA you know so I'm chief of

NOTE Confidence: 0.922558640666666

00:26:37.012 --> 00:26:38.840 neurosurgery at the VA and then I also

NOTE Confidence: 0.922558640666666

00:26:38.840 --> 00:26:41.368 have some other you know local and

NOTE Confidence: 0.922558640666666

00:26:41.368 --> 00:26:42.640 national administrative responsibility

NOTE Confidence: 0.922558640666666

00:26:42.640 --> 00:26:44.640 for the VA healthcare system.

NOTE Confidence: 0.922558640666666

00:26:44.640 --> 00:26:47.256 I've been the the head of the National

NOTE Confidence: 0.922558640666666

00:26:47.256 --> 00:26:48.599 Neurosurgery Board for the VA.

NOTE Confidence: 0.922558640666666

00:26:48.600 --> 00:26:50.490 So I've kind of invested my clinical

NOTE Confidence: 0.922558640666666

00:26:50.490 --> 00:26:52.455 career in helping taking care of of the

NOTE Confidence: 0.922558640666666

00:26:52.455 --> 00:26:54.559 men and women who have served our country,

NOTE Confidence: 0.922558640666666

00:26:54.560 --> 00:26:55.466 our nation's veterans,

NOTE Confidence: 0.922558640666666

00:26:55.466 --> 00:26:57.580 you know a chance to to give
NOTE Confidence: 0.9225586406666666

00:26:57.643 --> 00:26:59.760 back to our country and.
NOTE Confidence: 0.9225586406666666

00:26:59.760 --> 00:27:00.230 Also,
NOTE Confidence: 0.9225586406666666

00:27:00.230 --> 00:27:02.642 the VA has given me a lot of flexibility
NOTE Confidence: 0.9225586406666666

00:27:02.642 --> 00:27:05.230 for research experiences and so you know,
NOTE Confidence: 0.9225586406666666

00:27:05.230 --> 00:27:08.740 I've been able to pursue research
NOTE Confidence: 0.9225586406666666

00:27:08.740 --> 00:27:11.590 opportunities with VA&NIH funding,
NOTE Confidence: 0.9225586406666666

00:27:11.590 --> 00:27:14.210 you know, so that my career has,
NOTE Confidence: 0.9225586406666666

00:27:14.210 --> 00:27:17.150 you know, enabled me to take part,
NOTE Confidence: 0.9225586406666666

00:27:17.150 --> 00:27:17.870 you know,
NOTE Confidence: 0.9225586406666666

00:27:17.870 --> 00:27:20.390 similar to to doctor center of of
NOTE Confidence: 0.9225586406666666

00:27:20.390 --> 00:27:23.310 a variety of of aspects of teaching
NOTE Confidence: 0.9225586406666666

00:27:23.310 --> 00:27:26.110 of doing some administrative work.
NOTE Confidence: 0.9225586406666666

00:27:26.110 --> 00:27:28.150 Of taking care of patients and
NOTE Confidence: 0.9225586406666666

00:27:28.150 --> 00:27:28.830 doing research.
NOTE Confidence: 0.9225586406666666

00:27:28.830 --> 00:27:30.776 So I I found that my career

NOTE Confidence: 0.9225586406666666

00:27:30.776 --> 00:27:32.324 in neurosurgery could be quite

NOTE Confidence: 0.9225586406666666

00:27:32.324 --> 00:27:33.949 varied and and very fulfilling.

NOTE Confidence: 0.9385763666666667

00:27:37.150 --> 00:27:38.882 Thank you, Doctor King.

NOTE Confidence: 0.9385763666666667

00:27:38.882 --> 00:27:41.670 So now James Yoon, are you there?

NOTE Confidence: 0.9385763666666667

00:27:41.670 --> 00:27:44.256 Now James is a first year

NOTE Confidence: 0.9385763666666667

00:27:44.256 --> 00:27:45.812 neurosurgical resident at UPMC,

NOTE Confidence: 0.9385763666666667

00:27:45.812 --> 00:27:47.384 the University of Pittsburgh Medical Center.

NOTE Confidence: 0.9385763666666667

00:27:47.390 --> 00:27:50.150 So James, are you there?

NOTE Confidence: 0.9385763666666667

00:27:50.150 --> 00:27:52.790 I my God, I got the word that maybe he

NOTE Confidence: 0.9385763666666667

00:27:52.865 --> 00:27:55.718 was not going to be able to make because.

NOTE Confidence: 0.9385763666666667

00:27:55.720 --> 00:27:56.640 You're a first year resident.

NOTE Confidence: 0.9385763666666667

00:27:56.640 --> 00:27:58.400 You're not really in control of your life.

NOTE Confidence: 0.939624974

00:27:59.160 --> 00:28:00.440 Doctor Long. He's he's actually

NOTE Confidence: 0.939624974

00:28:00.440 --> 00:28:01.720 just graduated to 2nd year,

NOTE Confidence: 0.939624974

00:28:01.720 --> 00:28:03.520 but unfortunately he's on the

NOTE Confidence: 0.939624974

00:28:03.520 --> 00:28:04.960 trauma service right now.
NOTE Confidence: 0.939624974

00:28:04.960 --> 00:28:06.082 So who knows what he's in
NOTE Confidence: 0.939624974

00:28:06.082 --> 00:28:07.040 the middle of right now?
NOTE Confidence: 0.914867332727273

00:28:07.320 --> 00:28:08.790 He's got his up to his elbows
NOTE Confidence: 0.914867332727273

00:28:08.790 --> 00:28:09.800 in something intense perhaps.
NOTE Confidence: 0.914867332727273

00:28:09.800 --> 00:28:11.280 So listen, let's go ahead and move on.
NOTE Confidence: 0.946962533333333

00:28:13.840 --> 00:28:16.198 My good friend and Duka Amoncular.
NOTE Confidence: 0.946962533333333

00:28:16.200 --> 00:28:18.594 Please tell us. Tell us your perspectives.
NOTE Confidence: 0.93764457037037

00:28:20.170 --> 00:28:21.980 Absolutely. Well, first of all
NOTE Confidence: 0.93764457037037

00:28:21.980 --> 00:28:24.376 it's it's a real pleasure to be
NOTE Confidence: 0.93764457037037

00:28:24.376 --> 00:28:26.440 here and to see all these people I
NOTE Confidence: 0.93764457037037

00:28:26.514 --> 00:28:28.649 haven't seen in a very long time.
NOTE Confidence: 0.93764457037037

00:28:28.650 --> 00:28:30.690 You know, I think that I,
NOTE Confidence: 0.93764457037037

00:28:30.690 --> 00:28:34.822 I can say that basically I was cheated
NOTE Confidence: 0.93764457037037

00:28:34.822 --> 00:28:37.154 into neurosurgery by by the Yale
NOTE Confidence: 0.93764457037037

00:28:37.154 --> 00:28:39.110 school and medical school and medicine

NOTE Confidence: 0.93764457037037

00:28:39.179 --> 00:28:41.830 because you know Yale just made

NOTE Confidence: 0.93764457037037

00:28:41.830 --> 00:28:44.467 neurosurgery seem so damn normal and.

NOTE Confidence: 0.93764457037037

00:28:44.467 --> 00:28:46.969 And that's the that's that's that's

NOTE Confidence: 0.93764457037037

00:28:46.969 --> 00:28:49.770 you know obviously I'm joking but but

NOTE Confidence: 0.93764457037037

00:28:49.770 --> 00:28:52.690 that there is something about you know

NOTE Confidence: 0.93764457037037

00:28:52.690 --> 00:28:55.764 yell Med school that that you know

NOTE Confidence: 0.93764457037037

00:28:55.764 --> 00:28:57.449 forces people who would otherwise

NOTE Confidence: 0.93764457037037

00:28:57.449 --> 00:28:59.624 go into different fields to go into

NOTE Confidence: 0.93764457037037

00:28:59.624 --> 00:29:01.688 neurosurgery and and you know I can

NOTE Confidence: 0.93764457037037

00:29:01.688 --> 00:29:03.788 say that I've always been interested

NOTE Confidence: 0.93764457037037

00:29:03.788 --> 00:29:05.654 in neuroscience you know neurosurgery

NOTE Confidence: 0.93764457037037

00:29:05.654 --> 00:29:07.982 was something that I'd I'd thought

NOTE Confidence: 0.93764457037037

00:29:07.982 --> 00:29:10.188 about but and and you know but I I

NOTE Confidence: 0.93764457037037

00:29:10.188 --> 00:29:12.317 knew I wanted to be a surgeon or.

NOTE Confidence: 0.93764457037037

00:29:12.320 --> 00:29:15.998 To do you know international medicine

NOTE Confidence: 0.93764457037037

00:29:16.000 --> 00:29:18.448 you know and and go through maybe the
NOTE Confidence: 0.93764457037037

00:29:18.448 --> 00:29:21.512 the the Ed path and and eventually I
NOTE Confidence: 0.93764457037037

00:29:21.512 --> 00:29:25.320 just met this incredible array of of
NOTE Confidence: 0.93764457037037

00:29:25.430 --> 00:29:28.525 people that you know many here have
NOTE Confidence: 0.93764457037037

00:29:28.525 --> 00:29:31.112 mentioned and we became incredibly
NOTE Confidence: 0.93764457037037

00:29:31.112 --> 00:29:35.435 close friends and and and you know I
NOTE Confidence: 0.93764457037037

00:29:35.435 --> 00:29:38.110 actually saved my nursery rotation.
NOTE Confidence: 0.93764457037037

00:29:38.110 --> 00:29:39.510 For the very last rotation,
NOTE Confidence: 0.93764457037037

00:29:39.510 --> 00:29:40.854 because I didn't want to do it
NOTE Confidence: 0.93764457037037

00:29:40.854 --> 00:29:42.103 because it's like something I really
NOTE Confidence: 0.93764457037037

00:29:42.103 --> 00:29:42.947 didn't want to do.
NOTE Confidence: 0.93764457037037

00:29:42.950 --> 00:29:44.558 And so you know because I knew how
NOTE Confidence: 0.93764457037037

00:29:44.558 --> 00:29:46.247 long it would take and and and I
NOTE Confidence: 0.93764457037037

00:29:46.247 --> 00:29:47.812 wasn't sure that I that I want to
NOTE Confidence: 0.93764457037037

00:29:47.812 --> 00:29:50.265 do it And then and you know I'm not
NOTE Confidence: 0.93764457037037

00:29:50.265 --> 00:29:52.356 an incredibly religious guy but I

NOTE Confidence: 0.93764457037037

00:29:52.356 --> 00:29:54.566 I can say that the first time that

NOTE Confidence: 0.93764457037037

00:29:54.566 --> 00:29:57.574 I was in the OR seeing an aneurysm

NOTE Confidence: 0.93764457037037

00:29:57.574 --> 00:30:01.630 clipped you know by Doctor Ganell.

NOTE Confidence: 0.93764457037037

00:30:01.630 --> 00:30:05.430 I just at that moment where you'd realize.

NOTE Confidence: 0.93764457037037

00:30:05.430 --> 00:30:07.026 That you can't do anything else.

NOTE Confidence: 0.93764457037037

00:30:07.030 --> 00:30:09.242 You know that that that's when that

NOTE Confidence: 0.93764457037037

00:30:09.242 --> 00:30:11.735 happened to me and and that was it

NOTE Confidence: 0.93764457037037

00:30:11.735 --> 00:30:14.782 I was I was hooked and there was no

NOTE Confidence: 0.93764457037037

00:30:14.782 --> 00:30:18.826 other field to go into And then I I

NOTE Confidence: 0.93764457037037

00:30:18.826 --> 00:30:23.016 actually then spent a year like doctor

NOTE Confidence: 0.93764457037037

00:30:23.016 --> 00:30:26.630 nee head in doctor Grinnell's lab you

NOTE Confidence: 0.93764457037037

00:30:26.630 --> 00:30:28.486 know studying cabinet malformations

NOTE Confidence: 0.93764457037037

00:30:28.486 --> 00:30:30.475 and and really you know understanding

NOTE Confidence: 0.93764457037037

00:30:30.475 --> 00:30:33.120 first of all that the that nurse surgery.

NOTE Confidence: 0.93764457037037

00:30:33.120 --> 00:30:33.920 You know,

NOTE Confidence: 0.93764457037037

00:30:33.920 --> 00:30:35.920 what's remarkable about neurosurgery and,

NOTE Confidence: 0.93764457037037

00:30:35.920 --> 00:30:36.340 you know,

NOTE Confidence: 0.93764457037037

00:30:36.340 --> 00:30:38.176 all of you guys at Yale, you know,

NOTE Confidence: 0.93764457037037

00:30:38.176 --> 00:30:40.840 are really in a special position to see this.

NOTE Confidence: 0.93764457037037

00:30:40.840 --> 00:30:42.812 What's remarkable about neurosurgery

NOTE Confidence: 0.93764457037037

00:30:42.812 --> 00:30:46.040 is that there's so much medicine in

NOTE Confidence: 0.93764457037037

00:30:46.040 --> 00:30:48.280 neurosurgery and there's so much,

NOTE Confidence: 0.93764457037037

00:30:48.280 --> 00:30:50.079 you know, it's not just there's medicine,

NOTE Confidence: 0.93764457037037

00:30:50.080 --> 00:30:52.452 there's neurology, There is,

NOTE Confidence: 0.93764457037037

00:30:52.452 --> 00:30:54.296 there's there, there's surgery.

NOTE Confidence: 0.93764457037037

00:30:54.296 --> 00:30:56.920 And Yale exposes you to all of that.

NOTE Confidence: 0.93764457037037

00:30:56.920 --> 00:30:57.894 I remember.

NOTE Confidence: 0.93764457037037

00:30:57.894 --> 00:31:00.656 Being a medical student and sitting

NOTE Confidence: 0.93764457037037

00:31:00.656 --> 00:31:02.286 in front of, you know,

NOTE Confidence: 0.93764457037037

00:31:02.290 --> 00:31:04.850 both Bill Collins and Dennis

NOTE Confidence: 0.93764457037037

00:31:04.850 --> 00:31:05.850 Spencer and they both,

NOTE Confidence: 0.93764457037037

00:31:05.850 --> 00:31:07.482 they had different styles

NOTE Confidence: 0.93764457037037

00:31:07.482 --> 00:31:09.702 as as Linda alluded to,

NOTE Confidence: 0.93764457037037

00:31:09.702 --> 00:31:10.608 you know,

NOTE Confidence: 0.93764457037037

00:31:10.610 --> 00:31:12.404 Doctor Collins once started yelling at

NOTE Confidence: 0.93764457037037

00:31:12.404 --> 00:31:15.472 me at the top of his lungs because I

NOTE Confidence: 0.93764457037037

00:31:15.472 --> 00:31:17.282 ordered my differential diagnosis wrong,

NOTE Confidence: 0.93764457037037

00:31:17.290 --> 00:31:17.746 you know.

NOTE Confidence: 0.93764457037037

00:31:17.746 --> 00:31:19.342 So it's like he was like really

NOTE Confidence: 0.93764457037037

00:31:19.342 --> 00:31:21.242 you would you put, you would put,

NOTE Confidence: 0.93764457037037

00:31:21.242 --> 00:31:23.196 you know, epidural first, you know.

NOTE Confidence: 0.93764457037037

00:31:23.196 --> 00:31:23.648 And I was like,

NOTE Confidence: 0.88803049

00:31:23.650 --> 00:31:24.646 no Sir, no, Sir, I'm sorry,

NOTE Confidence: 0.88803049

00:31:24.650 --> 00:31:26.162 I'm sorry, you know.

NOTE Confidence: 0.88803049

00:31:26.162 --> 00:31:28.430 And and and Dennis Spencer would

NOTE Confidence: 0.88803049

00:31:28.504 --> 00:31:30.960 just kind of ask you a question and

NOTE Confidence: 0.88803049

00:31:30.960 --> 00:31:33.664 then just like stare at you and just
NOTE Confidence: 0.88803049

00:31:33.664 --> 00:31:35.724 wait until you started stuttering
NOTE Confidence: 0.88803049

00:31:35.724 --> 00:31:39.178 like an idiot and and and you know
NOTE Confidence: 0.88803049

00:31:39.178 --> 00:31:41.313 somehow after this entire experience,
NOTE Confidence: 0.88803049

00:31:41.320 --> 00:31:43.462 I decided that this was what I
NOTE Confidence: 0.88803049

00:31:43.462 --> 00:31:46.536 wanted to do because A the people
NOTE Confidence: 0.88803049

00:31:46.536 --> 00:31:47.992 I liked the most were doing it
NOTE Confidence: 0.9281028333333333

00:31:50.200 --> 00:31:53.089 BI. There was there there was no aspect of
NOTE Confidence: 0.9281028333333333

00:31:53.089 --> 00:31:55.559 medicine that combined everything I loved.
NOTE Confidence: 0.9281028333333333

00:31:55.560 --> 00:31:59.425 About medicine so much and and and
NOTE Confidence: 0.9281028333333333

00:31:59.425 --> 00:32:01.635 and and see if it was just like it
NOTE Confidence: 0.9281028333333333

00:32:01.635 --> 00:32:03.984 was this yell was a very made it seem
NOTE Confidence: 0.9281028333333333

00:32:03.984 --> 00:32:06.105 very normal in spite of you know
NOTE Confidence: 0.9281028333333333

00:32:06.105 --> 00:32:08.640 those those two examples I just gave.
NOTE Confidence: 0.9281028333333333

00:32:08.640 --> 00:32:10.080 I mean it was a it was very normal.
NOTE Confidence: 0.9281028333333333

00:32:10.080 --> 00:32:11.935 I mean so you knew neurosurgery could

NOTE Confidence: 0.9281028333333333

00:32:11.935 --> 00:32:14.265 be a very intense specialty but

NOTE Confidence: 0.9281028333333333

00:32:14.265 --> 00:32:17.039 you also knew how how how beautiful

NOTE Confidence: 0.9281028333333333

00:32:17.039 --> 00:32:19.277 and elegant and elaborate it was.

NOTE Confidence: 0.9281028333333333

00:32:19.280 --> 00:32:23.660 So ultimately I.

NOTE Confidence: 0.9281028333333333

00:32:23.660 --> 00:32:25.452 I I then decided to go into neurosurgery

NOTE Confidence: 0.9281028333333333

00:32:25.452 --> 00:32:26.940 after working at Doctor Granell's lab.

NOTE Confidence: 0.9281028333333333

00:32:26.940 --> 00:32:28.740 I tried to run away.

NOTE Confidence: 0.9281028333333333

00:32:28.740 --> 00:32:30.096 Doctor Granell would not let me.

NOTE Confidence: 0.9281028333333333

00:32:30.100 --> 00:32:33.088 So I stayed at I stayed at Yale for

NOTE Confidence: 0.9281028333333333

00:32:33.088 --> 00:32:35.506 another seven years where I had an

NOTE Confidence: 0.9281028333333333

00:32:35.506 --> 00:32:37.536 incredible seven years first thinking

NOTE Confidence: 0.9281028333333333

00:32:37.536 --> 00:32:40.595 that I was going to be a vascular

NOTE Confidence: 0.9281028333333333

00:32:40.595 --> 00:32:43.510 surgeon and then really being drawn

NOTE Confidence: 0.9281028333333333

00:32:43.510 --> 00:32:46.204 by neuroncology and and that's really

NOTE Confidence: 0.9281028333333333

00:32:46.204 --> 00:32:48.700 been my love and passion since.

NOTE Confidence: 0.9281028333333333

00:32:48.700 --> 00:32:50.652 You know I think that there are a
NOTE Confidence: 0.9281028333333333

00:32:50.652 --> 00:32:52.907 number of people here like Ney Head and.
NOTE Confidence: 0.9281028333333333

00:32:52.910 --> 00:32:55.850 Who've who've copied me but you know
NOTE Confidence: 0.9281028333333333

00:32:55.850 --> 00:32:58.223 that's no but no we we you know we we
NOTE Confidence: 0.9281028333333333

00:32:58.223 --> 00:33:00.549 just we came up through this together.
NOTE Confidence: 0.9281028333333333

00:33:00.550 --> 00:33:02.488 I think that's that's that that's
NOTE Confidence: 0.9281028333333333

00:33:02.488 --> 00:33:04.287 the that the camaraderie that you
NOTE Confidence: 0.9281028333333333

00:33:04.287 --> 00:33:05.188 see on this panel.
NOTE Confidence: 0.9281028333333333

00:33:05.188 --> 00:33:07.093 I mean we came up through this together
NOTE Confidence: 0.9281028333333333

00:33:07.093 --> 00:33:09.530 and and after finishing I did my
NOTE Confidence: 0.9281028333333333

00:33:09.530 --> 00:33:12.707 fellowship at at Sloan Kettering and
NOTE Confidence: 0.9281028333333333

00:33:12.707 --> 00:33:14.923 I also did a research 2 research years
NOTE Confidence: 0.9281028333333333

00:33:14.923 --> 00:33:17.192 at Sloan Kettering where I shuttled
NOTE Confidence: 0.9281028333333333

00:33:17.192 --> 00:33:20.810 back from between back and forth between.
NOTE Confidence: 0.9281028333333333

00:33:20.810 --> 00:33:24.512 Yale and and and MSK and and I think
NOTE Confidence: 0.9281028333333333

00:33:24.512 --> 00:33:26.618 Doctor King still probably thinks that

NOTE Confidence: 0.9281028333333333

00:33:26.618 --> 00:33:29.698 I owe him a couple of VA op notes from

NOTE Confidence: 0.9281028333333333

00:33:29.698 --> 00:33:32.481 the from my time you know going back

NOTE Confidence: 0.9281028333333333

00:33:32.481 --> 00:33:35.390 and forth Anyways I think that in the

NOTE Confidence: 0.9281028333333333

00:33:35.390 --> 00:33:37.952 end what I got was this incredible

NOTE Confidence: 0.9281028333333333

00:33:37.952 --> 00:33:41.234 experience where I had you know the the,

NOTE Confidence: 0.9281028333333333

00:33:41.234 --> 00:33:43.963 the thing that I was the most passionate

NOTE Confidence: 0.9281028333333333

00:33:43.963 --> 00:33:46.603 about which is doing tumor surgery

NOTE Confidence: 0.9281028333333333

00:33:46.610 --> 00:33:49.277 a a real sort of appreciation of.

NOTE Confidence: 0.9281028333333333

00:33:49.280 --> 00:33:51.560 The academic aspects of neurosurgery,

NOTE Confidence: 0.9281028333333333

00:33:51.560 --> 00:33:54.302 and I think that that's something

NOTE Confidence: 0.9281028333333333

00:33:54.302 --> 00:33:55.336 that you know,

NOTE Confidence: 0.9281028333333333

00:33:55.336 --> 00:33:57.064 every one of these palaces explained

NOTE Confidence: 0.9281028333333333

00:33:57.064 --> 00:33:59.259 to you in a different way how you

NOTE Confidence: 0.9281028333333333

00:33:59.259 --> 00:34:00.039 can be academic.

NOTE Confidence: 0.9281028333333333

00:34:00.040 --> 00:34:02.280 You can be academic by teaching residents.

NOTE Confidence: 0.9281028333333333

00:34:02.280 --> 00:34:04.560 You can be academic by,
NOTE Confidence: 0.9281028333333333

00:34:04.560 --> 00:34:06.400 you know, working on innovation.
NOTE Confidence: 0.9281028333333333

00:34:06.400 --> 00:34:09.520 You can be academic by doing big data.
NOTE Confidence: 0.9281028333333333

00:34:09.520 --> 00:34:10.664 And in my case,
NOTE Confidence: 0.9281028333333333

00:34:10.664 --> 00:34:13.101 what I decided was that I was going
NOTE Confidence: 0.9281028333333333

00:34:13.101 --> 00:34:15.674 to be academic by running a a
NOTE Confidence: 0.9281028333333333

00:34:15.674 --> 00:34:18.210 translational science lab that's.
NOTE Confidence: 0.9281028333333333

00:34:18.210 --> 00:34:22.690 That is you know NIH funded and I and I work,
NOTE Confidence: 0.9281028333333333

00:34:22.690 --> 00:34:25.133 I work on a mutation called IDH
NOTE Confidence: 0.9281028333333333

00:34:25.133 --> 00:34:27.409 that affects that that is president
NOTE Confidence: 0.9281028333333333

00:34:27.409 --> 00:34:29.966 low grade gliomas and and and and
NOTE Confidence: 0.9281028333333333

00:34:29.966 --> 00:34:31.874 I essentially just had this package
NOTE Confidence: 0.9281028333333333

00:34:31.874 --> 00:34:34.197 I started out at at University of
NOTE Confidence: 0.9281028333333333

00:34:34.197 --> 00:34:36.365 Pittsburgh which also seems to be kind
NOTE Confidence: 0.9281028333333333

00:34:36.365 --> 00:34:38.724 of a common theme here And I was at
NOTE Confidence: 0.9281028333333333

00:34:38.724 --> 00:34:41.994 at Pitt for about 8 years and then

NOTE Confidence: 0.928102833333333

00:34:41.994 --> 00:34:44.318 I was called away to the University

NOTE Confidence: 0.928102833333333

00:34:44.318 --> 00:34:48.280 of Pennsylvania where I'm now the.

NOTE Confidence: 0.928102833333333

00:34:48.280 --> 00:34:49.960 The presidential professor

NOTE Confidence: 0.928102833333333

00:34:49.960 --> 00:34:51.640 of neurosurgery at

NOTE Confidence: 0.93019015

00:34:51.640 --> 00:34:57.225 at Penn and and the the the head of the

NOTE Confidence: 0.93019015

00:34:57.225 --> 00:34:59.397 brain tumor center and also the division

NOTE Confidence: 0.93019015

00:34:59.397 --> 00:35:01.317 chief of of nurseurchical oncology

NOTE Confidence: 0.93019015

00:35:01.320 --> 00:35:08.340 and run a major lab and also more

NOTE Confidence: 0.93019015

00:35:08.340 --> 00:35:12.299 importantly you know I think give try to

NOTE Confidence: 0.93019015

00:35:12.299 --> 00:35:15.529 give joy to to to patients try to give.

NOTE Confidence: 0.93019015

00:35:15.530 --> 00:35:18.176 Hope to patients where you know there

NOTE Confidence: 0.93019015

00:35:18.176 --> 00:35:20.889 might there may otherwise you know be

NOTE Confidence: 0.93019015

00:35:20.890 --> 00:35:23.514 you know real real sort of dark time

NOTE Confidence: 0.93019015

00:35:23.514 --> 00:35:25.842 in their lives and you know that's

NOTE Confidence: 0.93019015

00:35:25.842 --> 00:35:28.027 what you know people have alluded to

NOTE Confidence: 0.93019015

00:35:28.027 --> 00:35:29.938 that but that you know neurosurgery is
NOTE Confidence: 0.93019015

00:35:29.938 --> 00:35:31.890 not a you know it's not a light field.
NOTE Confidence: 0.93019015

00:35:31.890 --> 00:35:33.430 You know you don't go into neurosurgery
NOTE Confidence: 0.93019015

00:35:33.430 --> 00:35:35.422 and it's like you know like we're
NOTE Confidence: 0.93019015

00:35:35.422 --> 00:35:37.420 just doing really like things you
NOTE Confidence: 0.93019015

00:35:37.484 --> 00:35:39.766 you deal with real disasters and and
NOTE Confidence: 0.93019015

00:35:39.766 --> 00:35:42.072 you meet people at the lowest point
NOTE Confidence: 0.93019015

00:35:42.072 --> 00:35:45.860 point in their lives and somehow.
NOTE Confidence: 0.93019015

00:35:45.860 --> 00:35:48.380 You have the skill and capacity to
NOTE Confidence: 0.93019015

00:35:48.380 --> 00:35:52.394 to to to to to reverse that and that
NOTE Confidence: 0.93019015

00:35:52.394 --> 00:35:55.328 becomes very powerful and and then and
NOTE Confidence: 0.93019015

00:35:55.328 --> 00:35:57.303 then at the same time you're learning
NOTE Confidence: 0.93019015

00:35:57.303 --> 00:36:00.630 about how to make your you know what you
NOTE Confidence: 0.93019015

00:36:00.630 --> 00:36:03.278 how to make your interventions better
NOTE Confidence: 0.93019015

00:36:03.278 --> 00:36:05.660 because we're all exceptionally driven.
NOTE Confidence: 0.93019015

00:36:05.660 --> 00:36:08.887 Every single person on this panel in

NOTE Confidence: 0.93019015

00:36:08.887 --> 00:36:11.316 in different ways is driven to do

NOTE Confidence: 0.93019015

00:36:11.316 --> 00:36:13.397 something you know better and so.

NOTE Confidence: 0.93019015

00:36:13.400 --> 00:36:15.906 I don't think there's any other field

NOTE Confidence: 0.93019015

00:36:15.906 --> 00:36:18.067 like nursery that combines you know

NOTE Confidence: 0.93019015

00:36:18.067 --> 00:36:20.440 all the elements of of of medicine

NOTE Confidence: 0.93019015

00:36:20.440 --> 00:36:23.592 and and that tries to you know really

NOTE Confidence: 0.93019015

00:36:23.592 --> 00:36:28.720 create the like both the best technical,

NOTE Confidence: 0.93019015

00:36:28.720 --> 00:36:30.880 you know the best technicians people

NOTE Confidence: 0.93019015

00:36:30.880 --> 00:36:34.380 were able to operate and also you know

NOTE Confidence: 0.93019015

00:36:34.380 --> 00:36:38.080 the the most academically minded people.

NOTE Confidence: 0.93019015

00:36:38.080 --> 00:36:40.166 So you know we.

NOTE Confidence: 0.93019015

00:36:40.166 --> 00:36:43.263 We can you know you guys feel free to

NOTE Confidence: 0.93019015

00:36:43.263 --> 00:36:45.714 ask questions later but but but it's

NOTE Confidence: 0.93019015

00:36:45.714 --> 00:36:47.583 just an incredible field and I think

NOTE Confidence: 0.93019015

00:36:47.583 --> 00:36:49.609 that if you are already thinking about

NOTE Confidence: 0.93019015

00:36:49.609 --> 00:36:51.659 it now you probably have a hard time

NOTE Confidence: 0.93019015

00:36:51.660 --> 00:36:53.494 you know to stop thinking about it.

NOTE Confidence: 0.93019015

00:36:53.500 --> 00:36:55.396 So you you're probably already done

NOTE Confidence: 0.93019015

00:36:55.396 --> 00:36:58.110 you know is what I would say if you're

NOTE Confidence: 0.93019015

00:36:58.110 --> 00:36:59.770 if you're if you're already down

NOTE Confidence: 0.93019015

00:36:59.770 --> 00:37:01.695 that road it's probably over for you.

NOTE Confidence: 0.93019015

00:37:01.700 --> 00:37:03.220 So welcome to the club.

NOTE Confidence: 0.927835742857143

00:37:06.020 --> 00:37:06.842 That's fantastic.

NOTE Confidence: 0.927835742857143

00:37:06.842 --> 00:37:08.897 Thank you so much Induco.

NOTE Confidence: 0.927835742857143

00:37:08.900 --> 00:37:10.940 Thank you very much.

NOTE Confidence: 0.927835742857143

00:37:10.940 --> 00:37:13.834 So that is the sort of that is the

NOTE Confidence: 0.927835742857143

00:37:13.834 --> 00:37:15.447 introduction or presentation of

NOTE Confidence: 0.927835742857143

00:37:15.447 --> 00:37:17.807 each of our neurosurgical panelists.

NOTE Confidence: 0.927835742857143

00:37:17.810 --> 00:37:21.106 And So what I would like to do

NOTE Confidence: 0.927835742857143

00:37:21.106 --> 00:37:23.208 now is welcome the students,

NOTE Confidence: 0.927835742857143

00:37:23.208 --> 00:37:24.486 the medical students.

NOTE Confidence: 0.927835742857143
00:37:24.490 --> 00:37:27.250 We have Yale medical students here with us,
NOTE Confidence: 0.927835742857143
00:37:27.250 --> 00:37:29.494 but we also have some Yale
NOTE Confidence: 0.927835742857143
00:37:29.494 --> 00:37:30.990 undergraduates who are perhaps
NOTE Confidence: 0.927835742857143
00:37:31.063 --> 00:37:33.327 thinking about medical school and
NOTE Confidence: 0.927835742857143
00:37:33.327 --> 00:37:34.755 are already contemplating perhaps
NOTE Confidence: 0.927835742857143
00:37:34.755 --> 00:37:36.854 they're looking over the rainbow and
NOTE Confidence: 0.927835742857143
00:37:36.854 --> 00:37:38.384 and what they made the decisions
NOTE Confidence: 0.927835742857143
00:37:38.384 --> 00:37:40.326 they may need to make down the road.
NOTE Confidence: 0.927835742857143
00:37:40.330 --> 00:37:42.710 So I'd encourage all of you to
NOTE Confidence: 0.927835742857143
00:37:42.710 --> 00:37:44.912 either use the the question and
NOTE Confidence: 0.927835742857143
00:37:44.912 --> 00:37:46.882 answer session section where you
NOTE Confidence: 0.927835742857143
00:37:46.882 --> 00:37:49.411 can raise your hand with zoom and
NOTE Confidence: 0.927835742857143
00:37:49.411 --> 00:37:51.467 and and pose your question and
NOTE Confidence: 0.927835742857143
00:37:51.467 --> 00:37:53.686 then we'd be happy to answer them.
NOTE Confidence: 0.927835742857143
00:37:53.690 --> 00:37:57.930 We did have some questions submitted
NOTE Confidence: 0.927835742857143

00:37:57.930 --> 00:38:00.450 previously when people registered for this.

NOTE Confidence: 0.927835742857143

00:38:00.450 --> 00:38:02.319 So let me pose those questions and

NOTE Confidence: 0.927835742857143

00:38:02.319 --> 00:38:04.378 again let me remind the panelists.

NOTE Confidence: 0.927835742857143

00:38:04.380 --> 00:38:06.378 I may pick one or two people to you

NOTE Confidence: 0.927835742857143

00:38:06.378 --> 00:38:08.275 know okay well how about you start

NOTE Confidence: 0.927835742857143

00:38:08.275 --> 00:38:10.220 with this Howard or Doctor King or

NOTE Confidence: 0.927835742857143

00:38:10.220 --> 00:38:13.454 what have but but feel free to jump in.

NOTE Confidence: 0.927835742857143

00:38:13.460 --> 00:38:14.900 You can unmute yourself and jump

NOTE Confidence: 0.927835742857143

00:38:14.900 --> 00:38:16.694 in if you feel you know you've

NOTE Confidence: 0.927835742857143

00:38:16.694 --> 00:38:18.260 got a burning comment to make.

NOTE Confidence: 0.927835742857143

00:38:18.260 --> 00:38:20.388 So a number of you let me

NOTE Confidence: 0.927835742857143

00:38:20.388 --> 00:38:22.060 start with one question.

NOTE Confidence: 0.927835742857143

00:38:22.060 --> 00:38:24.636 A number of you have alluded to the

NOTE Confidence: 0.927835742857143

00:38:24.636 --> 00:38:27.200 fact that neurosurgery is, you know,

NOTE Confidence: 0.927835742857143

00:38:27.200 --> 00:38:29.786 not something you go in to lightly.

NOTE Confidence: 0.927835742857143

00:38:29.786 --> 00:38:31.730 It's an intense field.

NOTE Confidence: 0.927835742857143
00:38:31.730 --> 00:38:32.819 I for one,
NOTE Confidence: 0.927835742857143
00:38:32.819 --> 00:38:34.997 I trained in otolaryngology at the
NOTE Confidence: 0.927835742857143
00:38:34.997 --> 00:38:37.335 University of Pittsburgh and we did
NOTE Confidence: 0.927835742857143
00:38:37.335 --> 00:38:39.245 have some fairly close interaction
NOTE Confidence: 0.927835742857143
00:38:39.315 --> 00:38:41.638 with the neurosurgical group in
NOTE Confidence: 0.927835742857143
00:38:41.638 --> 00:38:44.686 the skull based practice that that
NOTE Confidence: 0.927835742857143
00:38:44.690 --> 00:38:46.058 a couple of my attendings, Dr.
NOTE Confidence: 0.927835742857143
00:38:46.058 --> 00:38:48.506 Snyder and Doctor Rakows or Corrals
NOTE Confidence: 0.927835742857143
00:38:48.506 --> 00:38:50.658 that have worked very closely with
NOTE Confidence: 0.927835742857143
00:38:50.658 --> 00:38:52.650 the department and I can remember
NOTE Confidence: 0.927835742857143
00:38:52.714 --> 00:38:55.210 my attendings commenting that the
NOTE Confidence: 0.927835742857143
00:38:55.210 --> 00:38:58.010 neurosurgery group here is fantastic.
NOTE Confidence: 0.927835742857143
00:38:58.010 --> 00:39:00.117 And the sensation was that they were
NOTE Confidence: 0.927835742857143
00:39:00.117 --> 00:39:02.382 and all our fields, we know this,
NOTE Confidence: 0.927835742857143
00:39:02.382 --> 00:39:02.666 right,
NOTE Confidence: 0.927835742857143

00:39:02.666 --> 00:39:04.799 all the fields are culturally a little
NOTE Confidence: 0.927835742857143

00:39:04.799 --> 00:39:06.697 bit different and the neurosurgeons
NOTE Confidence: 0.927835742857143

00:39:06.697 --> 00:39:09.420 are different from us as a oncologist.
NOTE Confidence: 0.927835742857143

00:39:09.420 --> 00:39:11.340 And and maybe in a good way that
NOTE Confidence: 0.927835742857143

00:39:11.340 --> 00:39:13.259 maybe not just in a different way.
NOTE Confidence: 0.927835742857143

00:39:13.260 --> 00:39:15.108 And and one of the observations
NOTE Confidence: 0.927835742857143

00:39:15.108 --> 00:39:16.340 we made was that,
NOTE Confidence: 0.927835742857143

00:39:16.340 --> 00:39:17.675 you know in otolaryngology sometimes
NOTE Confidence: 0.927835742857143

00:39:17.675 --> 00:39:19.659 we do things that are very intense.
NOTE Confidence: 0.927835742857143

00:39:19.660 --> 00:39:21.140 You're dissecting right on the
NOTE Confidence: 0.927835742857143

00:39:21.140 --> 00:39:22.620 facial nerve or you're you're
NOTE Confidence: 0.927835742857143

00:39:22.671 --> 00:39:24.295 taking out a big head neck tumor.
NOTE Confidence: 0.927835742857143

00:39:24.300 --> 00:39:25.884 But there's other components
NOTE Confidence: 0.927835742857143

00:39:25.884 --> 00:39:28.260 of our practice that are more,
NOTE Confidence: 0.927835742857143

00:39:28.260 --> 00:39:28.820 you know,
NOTE Confidence: 0.927835742857143

00:39:28.820 --> 00:39:31.450 all the chips are not down all the time.

NOTE Confidence: 0.927835742857143
00:39:31.450 --> 00:39:33.970 But I think I remember Doctor Corral
NOTE Confidence: 0.927835742857143
00:39:33.970 --> 00:39:35.650 complimenting the neurosurgery feel back.
NOTE Confidence: 0.927835742857143
00:39:35.650 --> 00:39:36.164 You know,
NOTE Confidence: 0.927835742857143
00:39:36.164 --> 00:39:37.449 those guys need to be,
NOTE Confidence: 0.927835742857143
00:39:37.450 --> 00:39:39.354 they need to be of a special sort
NOTE Confidence: 0.927835742857143
00:39:39.354 --> 00:39:40.766 because the great majority of
NOTE Confidence: 0.927835742857143
00:39:40.766 --> 00:39:42.530 the time when they're in action,
NOTE Confidence: 0.927835742857143
00:39:42.530 --> 00:39:43.542 the chips are down.
NOTE Confidence: 0.927835742857143
00:39:43.542 --> 00:39:45.330 And so here's my question to you.
NOTE Confidence: 0.927835742857143
00:39:45.330 --> 00:39:47.610 We had a number of questions submitted about,
NOTE Confidence: 0.927835742857143
00:39:47.610 --> 00:39:50.130 you know, work, life balance and you know,
NOTE Confidence: 0.927835742857143
00:39:50.130 --> 00:39:51.490 I think related questions about,
NOTE Confidence: 0.927835742857143
00:39:51.490 --> 00:39:53.975 you know, what is the right personality.
NOTE Confidence: 0.927835742857143
00:39:53.980 --> 00:39:55.300 That that is,
NOTE Confidence: 0.927835742857143
00:39:55.300 --> 00:39:56.180 you know,
NOTE Confidence: 0.927835742857143

00:39:56.180 --> 00:39:57.812 say imagine yourself a first or
NOTE Confidence: 0.927835742857143

00:39:57.812 --> 00:39:58.900 second year medical student.
NOTE Confidence: 0.95434236

00:39:58.900 --> 00:40:01.300 You're like, wow, cognitively these,
NOTE Confidence: 0.95434236

00:40:01.300 --> 00:40:02.776 you know, the brain, my goodness.
NOTE Confidence: 0.95434236

00:40:02.780 --> 00:40:04.480 And the concepts of
NOTE Confidence: 0.95434236

00:40:04.480 --> 00:40:06.180 neurosurgery are so attractive.
NOTE Confidence: 0.95434236

00:40:06.180 --> 00:40:08.260 But but there's also invariably
NOTE Confidence: 0.95434236

00:40:08.260 --> 00:40:09.924 like characteristics to your
NOTE Confidence: 0.95434236

00:40:09.924 --> 00:40:11.949 field partially governed by the
NOTE Confidence: 0.95434236

00:40:11.949 --> 00:40:14.259 pathology that you that you manage.
NOTE Confidence: 0.95434236

00:40:14.260 --> 00:40:15.620 It's very serious business
NOTE Confidence: 0.95434236

00:40:15.620 --> 00:40:16.980 almost all the time.
NOTE Confidence: 0.95434236

00:40:16.980 --> 00:40:18.988 How does how does one of our Yale
NOTE Confidence: 0.95434236

00:40:18.988 --> 00:40:20.616 medical students figure, oh geez,
NOTE Confidence: 0.95434236

00:40:20.616 --> 00:40:22.764 I'm very intellectually interested in this.
NOTE Confidence: 0.95434236

00:40:22.770 --> 00:40:24.506 But especially given at the Yale Medical

NOTE Confidence: 0.95434236

00:40:24.506 --> 00:40:26.352 School we all talk about the fact

NOTE Confidence: 0.95434236

00:40:26.352 --> 00:40:27.924 that it's a humane environment right?

NOTE Confidence: 0.95434236

00:40:27.930 --> 00:40:30.150 People are typically not beating each

NOTE Confidence: 0.95434236

00:40:30.150 --> 00:40:32.170 other up ranking in grades and and

NOTE Confidence: 0.95434236

00:40:32.170 --> 00:40:34.739 and even when we go on to the clinical

NOTE Confidence: 0.95434236

00:40:34.739 --> 00:40:36.930 rotations things have a more humane feel.

NOTE Confidence: 0.95434236

00:40:36.930 --> 00:40:38.520 How does the Yale medical student

NOTE Confidence: 0.95434236

00:40:38.520 --> 00:40:40.253 determine not only in my intellectually

NOTE Confidence: 0.95434236

00:40:40.253 --> 00:40:42.416 interest is but whether it's work life

NOTE Confidence: 0.95434236

00:40:42.416 --> 00:40:44.366 balance is one of our explicit questions.

NOTE Confidence: 0.95434236

00:40:44.370 --> 00:40:46.883 And do I have the personality characteristics

NOTE Confidence: 0.95434236

00:40:46.883 --> 00:40:49.479 that are going to carry me through

NOTE Confidence: 0.95434236

00:40:49.479 --> 00:40:51.304 a multi decade career neurosurgery?

NOTE Confidence: 0.95434236

00:40:51.310 --> 00:40:52.948 So let me just ask Doctor Nahat,

NOTE Confidence: 0.95434236

00:40:52.950 --> 00:40:55.430 can you can you stop start with that

NOTE Confidence: 0.95434236

00:40:55.430 --> 00:40:57.313 and give give some comments on that

NOTE Confidence: 0.95434236

00:40:57.313 --> 00:40:59.109 and anybody else can speak as well.

NOTE Confidence: 0.95434236

00:40:59.110 --> 00:40:59.510 Of course,

NOTE Confidence: 0.94226628

00:41:07.190 --> 00:41:08.310 Brian, if you could unmute,

NOTE Confidence: 0.933897768421053

00:41:11.670 --> 00:41:13.710 you know one of the keys to my work life

NOTE Confidence: 0.933897768421053

00:41:13.764 --> 00:41:15.906 balance is to remain on mute all the time.

NOTE Confidence: 0.933897768421053

00:41:15.910 --> 00:41:20.003 So I love this question because it's

NOTE Confidence: 0.933897768421053

00:41:20.003 --> 00:41:22.241 probably one of the biggest misperceptions

NOTE Confidence: 0.933897768421053

00:41:22.241 --> 00:41:24.650 about a field in neurosurgery and.

NOTE Confidence: 0.933897768421053

00:41:24.650 --> 00:41:26.708 My wife said in intensive care and

NOTE Confidence: 0.933897768421053

00:41:26.708 --> 00:41:29.525 does a lot of global health work and I

NOTE Confidence: 0.933897768421053

00:41:29.525 --> 00:41:31.405 would argue she works harder than I do.

NOTE Confidence: 0.933897768421053

00:41:31.410 --> 00:41:34.368 And I think anybody and everybody

NOTE Confidence: 0.933897768421053

00:41:34.368 --> 00:41:36.766 in your field, if you love it,

NOTE Confidence: 0.933897768421053

00:41:36.766 --> 00:41:38.140 you're going to do it and

NOTE Confidence: 0.933897768421053

00:41:38.197 --> 00:41:39.647 it doesn't seem like work.

NOTE Confidence: 0.933897768421053

00:41:39.650 --> 00:41:41.428 I would say there are places and

NOTE Confidence: 0.933897768421053

00:41:41.428 --> 00:41:43.416 and people who are a little more

NOTE Confidence: 0.933897768421053

00:41:43.416 --> 00:41:44.876 intense than probably they should

NOTE Confidence: 0.933897768421053

00:41:44.876 --> 00:41:46.844 be or or frankly aren't as balanced

NOTE Confidence: 0.933897768421053

00:41:46.844 --> 00:41:48.908 as one would hope they would be.

NOTE Confidence: 0.933897768421053

00:41:48.908 --> 00:41:50.864 But it's a personal choice I

NOTE Confidence: 0.933897768421053

00:41:50.864 --> 00:41:51.998 would say for me.

NOTE Confidence: 0.933897768421053

00:41:52.000 --> 00:41:54.208 Personally, my biggest mentors

NOTE Confidence: 0.933897768421053

00:41:54.208 --> 00:41:57.520 have always had a decent balance,

NOTE Confidence: 0.933897768421053

00:41:57.520 --> 00:41:58.146 have kids,

NOTE Confidence: 0.933897768421053

00:41:58.146 --> 00:42:00.650 you know have are part of a family

NOTE Confidence: 0.933897768421053

00:42:00.724 --> 00:42:03.097 that they love and have a spouse

NOTE Confidence: 0.933897768421053

00:42:03.097 --> 00:42:05.420 that's working very hard and successful

NOTE Confidence: 0.933897768421053

00:42:05.420 --> 00:42:07.800 and neurosurgery is part of that.

NOTE Confidence: 0.933897768421053

00:42:07.800 --> 00:42:09.611 But you know, like you said, Paul,

NOTE Confidence: 0.933897768421053

00:42:09.611 --> 00:42:13.037 it it it requires significant training.
NOTE Confidence: 0.933897768421053

00:42:13.040 --> 00:42:14.800 But I think the more you do it,
NOTE Confidence: 0.933897768421053

00:42:14.800 --> 00:42:15.920 the more you love it,
NOTE Confidence: 0.933897768421053

00:42:15.920 --> 00:42:19.142 the easier it feels and the easier it is.
NOTE Confidence: 0.933897768421053

00:42:19.150 --> 00:42:21.278 But it's not to be mistaken as
NOTE Confidence: 0.933897768421053

00:42:21.278 --> 00:42:23.430 we take any of this lightly.
NOTE Confidence: 0.933897768421053

00:42:23.430 --> 00:42:25.607 So you know for our residency and
NOTE Confidence: 0.933897768421053

00:42:25.607 --> 00:42:27.309 frankly even within our faculty,
NOTE Confidence: 0.933897768421053

00:42:27.310 --> 00:42:29.214 the things we encourage are that people
NOTE Confidence: 0.933897768421053

00:42:29.214 --> 00:42:31.467 have a very healthy work life balance.
NOTE Confidence: 0.933897768421053

00:42:31.470 --> 00:42:33.024 You work really hard when you're in
NOTE Confidence: 0.933897768421053

00:42:33.024 --> 00:42:34.681 the hospital and I always tell our
NOTE Confidence: 0.933897768421053

00:42:34.681 --> 00:42:35.856 residents the moment you're done
NOTE Confidence: 0.933897768421053

00:42:35.856 --> 00:42:37.485 like get out and go enjoy bus and
NOTE Confidence: 0.933897768421053

00:42:37.485 --> 00:42:39.246 or your families or whatever your
NOTE Confidence: 0.933897768421053

00:42:39.246 --> 00:42:41.350 hobbies are And it's important that

NOTE Confidence: 0.933897768421053
00:42:41.350 --> 00:42:43.710 you do that because you bring that.
NOTE Confidence: 0.933897768421053
00:42:43.710 --> 00:42:46.220 Innovation and and ingenuity and
NOTE Confidence: 0.933897768421053
00:42:46.220 --> 00:42:49.710 frankly rest back to the workplace.
NOTE Confidence: 0.933897768421053
00:42:49.710 --> 00:42:51.366 I feel like that's almost in
NOTE Confidence: 0.933897768421053
00:42:51.366 --> 00:42:52.470 every single specialty nowadays,
NOTE Confidence: 0.933897768421053
00:42:52.470 --> 00:42:55.305 whether it's a medical one or a surgical one.
NOTE Confidence: 0.933897768421053
00:42:55.310 --> 00:42:56.630 I do think the intensities,
NOTE Confidence: 0.933897768421053
00:42:56.630 --> 00:42:58.107 the highs are highs and the lows
NOTE Confidence: 0.933897768421053
00:42:58.107 --> 00:42:59.470 are lows in nerve surgery.
NOTE Confidence: 0.933897768421053
00:42:59.470 --> 00:43:00.510 I'm a brain tumor surgeon.
NOTE Confidence: 0.933897768421053
00:43:00.510 --> 00:43:03.830 They're largely elective operations,
NOTE Confidence: 0.933897768421053
00:43:03.830 --> 00:43:06.080 but they can be long sometimes
NOTE Confidence: 0.933897768421053
00:43:06.080 --> 00:43:08.080 and most times they're short.
NOTE Confidence: 0.933897768421053
00:43:08.080 --> 00:43:10.816 But it I do have a healthy balance
NOTE Confidence: 0.933897768421053
00:43:10.816 --> 00:43:12.945 of both clinical research and other
NOTE Confidence: 0.933897768421053

00:43:12.945 --> 00:43:15.926 interests and and for me family is a
NOTE Confidence: 0.933897768421053

00:43:15.926 --> 00:43:17.400 pretty significant part of my life.
NOTE Confidence: 0.933544666666667

00:43:19.600 --> 00:43:23.300 I'm happy to different I'm happy
NOTE Confidence: 0.933544666666667

00:43:23.300 --> 00:43:26.000 to answer that question too.
NOTE Confidence: 0.933544666666667

00:43:26.000 --> 00:43:27.687 So I think that the the point
NOTE Confidence: 0.933544666666667

00:43:27.687 --> 00:43:29.558 about the highs are high and the
NOTE Confidence: 0.933544666666667

00:43:29.558 --> 00:43:31.196 lows are lows is really important.
NOTE Confidence: 0.933544666666667

00:43:31.200 --> 00:43:32.560 I don't think there's any.
NOTE Confidence: 0.933544666666667

00:43:32.560 --> 00:43:34.020 One type, you know,
NOTE Confidence: 0.933544666666667

00:43:34.020 --> 00:43:35.480 there's the stereotypical neurosurgeon.
NOTE Confidence: 0.933544666666667

00:43:35.480 --> 00:43:37.508 I think one of the reason that, you know,
NOTE Confidence: 0.933544666666667

00:43:37.508 --> 00:43:39.380 as in Duca said we're all cheated into
NOTE Confidence: 0.933544666666667

00:43:39.429 --> 00:43:41.520 neurosurgery is there wasn't a lot of
NOTE Confidence: 0.933544666666667

00:43:41.520 --> 00:43:42.880 the stereotypic neurosurgeon at Yale.
NOTE Confidence: 0.933544666666667

00:43:42.880 --> 00:43:45.256 It was a great group of people who are
NOTE Confidence: 0.933544666666667

00:43:45.256 --> 00:43:47.199 really welcoming and tried to convince

NOTE Confidence: 0.933544666666667
00:43:47.199 --> 00:43:49.640 Med students to go into neurosurgery.
NOTE Confidence: 0.933544666666667
00:43:49.640 --> 00:43:50.984 But I do think the point about
NOTE Confidence: 0.933544666666667
00:43:50.984 --> 00:43:52.304 the highs being high and the
NOTE Confidence: 0.933544666666667
00:43:52.304 --> 00:43:53.474 lowest being lows are important.
NOTE Confidence: 0.933544666666667
00:43:53.480 --> 00:43:55.200 I remember when I was a med student,
NOTE Confidence: 0.933544666666667
00:43:55.200 --> 00:43:57.510 because I was there longer since I was MDPHD.
NOTE Confidence: 0.933544666666667
00:43:57.510 --> 00:43:59.350 Some of the younger Med students who were
NOTE Confidence: 0.933544666666667
00:43:59.350 --> 00:44:00.960 thinking about neurosurgery would call me.
NOTE Confidence: 0.933544666666667
00:44:00.960 --> 00:44:02.423 And I remember there was one woman
NOTE Confidence: 0.933544666666667
00:44:02.423 --> 00:44:04.009 who came in thinking she was
NOTE Confidence: 0.933544666666667
00:44:04.009 --> 00:44:05.519 definitely going to do neurosurgery.
NOTE Confidence: 0.933544666666667
00:44:05.520 --> 00:44:08.616 And then she got to her subeye and she
NOTE Confidence: 0.933544666666667
00:44:08.616 --> 00:44:11.994 just saw a string of really sick patients,
NOTE Confidence: 0.933544666666667
00:44:12.000 --> 00:44:14.600 bad aneurysmal ruptured patients and
NOTE Confidence: 0.933544666666667
00:44:14.600 --> 00:44:17.200 patients that weren't doing well.
NOTE Confidence: 0.933544666666667

00:44:17.200 --> 00:44:18.840 And she called and she was really upset.
NOTE Confidence: 0.933544666666667

00:44:18.840 --> 00:44:20.238 And she was like, I just,
NOTE Confidence: 0.933544666666667

00:44:20.240 --> 00:44:21.556 I'm not sure I can do this.
NOTE Confidence: 0.933544666666667

00:44:21.560 --> 00:44:23.028 And I was like, well, you don't have to.
NOTE Confidence: 0.933544666666667

00:44:23.028 --> 00:44:25.079 If this is not the right fit for you,
NOTE Confidence: 0.933544666666667

00:44:25.080 --> 00:44:28.180 that's okay and I don't think
NOTE Confidence: 0.933544666666667

00:44:28.180 --> 00:44:30.782 those of us who handle it.
NOTE Confidence: 0.933544666666667

00:44:30.782 --> 00:44:33.837 Aren't upset about those lows.
NOTE Confidence: 0.933544666666667

00:44:33.840 --> 00:44:35.960 I think we very much vote for most of us.
NOTE Confidence: 0.933544666666667

00:44:35.960 --> 00:44:38.320 We do internalize those lows.
NOTE Confidence: 0.933544666666667

00:44:38.320 --> 00:44:40.560 It's just how you deal with that.
NOTE Confidence: 0.933544666666667

00:44:40.560 --> 00:44:43.560 So for me in pediatric neurosurgery,
NOTE Confidence: 0.933544666666667

00:44:43.560 --> 00:44:46.341 you know two of the lows that I deal
NOTE Confidence: 0.933544666666667

00:44:46.341 --> 00:44:48.360 with are gun trauma to the head.
NOTE Confidence: 0.933544666666667

00:44:48.360 --> 00:44:51.755 Miami has more than its fair share.
NOTE Confidence: 0.933544666666667

00:44:51.760 --> 00:44:53.440 I've handled that by now.

NOTE Confidence: 0.933544666666667
00:44:53.440 --> 00:44:55.468 That's one of the things that
NOTE Confidence: 0.933544666666667
00:44:55.468 --> 00:44:57.380 I am doing research on and.
NOTE Confidence: 0.933544666666667
00:44:57.380 --> 00:44:58.766 We're trying to work on as
NOTE Confidence: 0.933544666666667
00:44:58.766 --> 00:44:59.459 a pediatric section.
NOTE Confidence: 0.933544666666667
00:44:59.460 --> 00:45:01.660 Is there something we could do to try
NOTE Confidence: 0.933544666666667
00:45:01.660 --> 00:45:03.925 to prevent the fact that this is the
NOTE Confidence: 0.933544666666667
00:45:03.925 --> 00:45:05.779 leading cause of death in children?
NOTE Confidence: 0.933544666666667
00:45:05.780 --> 00:45:08.940 The other low that affects me though
NOTE Confidence: 0.933544666666667
00:45:08.940 --> 00:45:11.100 I'm not an adult tumor surgeon.
NOTE Confidence: 0.933544666666667
00:45:11.100 --> 00:45:12.980 Most pediatric neurosurgeons do
NOTE Confidence: 0.933544666666667
00:45:12.980 --> 00:45:14.860 like brain tumor operations.
NOTE Confidence: 0.933544666666667
00:45:14.860 --> 00:45:17.176 And so we have the highs.
NOTE Confidence: 0.933544666666667
00:45:17.180 --> 00:45:18.416 A kid who has a benign,
NOTE Confidence: 0.933544666666667
00:45:18.420 --> 00:45:19.782 there's a particular benign type of
NOTE Confidence: 0.933544666666667
00:45:19.782 --> 00:45:21.588 tumor we can take out in the back of
NOTE Confidence: 0.933544666666667

00:45:21.588 --> 00:45:23.081 the head and that kid is cured and
NOTE Confidence: 0.933544666666667

00:45:23.081 --> 00:45:24.950 goes on and lives a happy healthy life.
NOTE Confidence: 0.933544666666667

00:45:24.950 --> 00:45:27.400 That's a juvenile polycytic astrocytoma.
NOTE Confidence: 0.933544666666667

00:45:27.400 --> 00:45:29.692 But we also have something called
NOTE Confidence: 0.933544666666667

00:45:29.692 --> 00:45:31.825 diffuse intrinsic pontine glioma or DIPG
NOTE Confidence: 0.933544666666667

00:45:31.825 --> 00:45:34.800 now it's called the diffuse midline glioma.
NOTE Confidence: 0.933544666666667

00:45:34.800 --> 00:45:36.960 And there's a specific mutation
NOTE Confidence: 0.933544666666667

00:45:36.960 --> 00:45:38.560 that causes that glioma.
NOTE Confidence: 0.933544666666667

00:45:38.560 --> 00:45:39.760 And those kids,
NOTE Confidence: 0.933544666666667

00:45:39.760 --> 00:45:41.092 we meet them,
NOTE Confidence: 0.933544666666667

00:45:41.092 --> 00:45:44.026 they have not usually huge symptoms and
NOTE Confidence: 0.933544666666667

00:45:44.026 --> 00:45:46.154 we know that they're probably going to be
NOTE Confidence: 0.933544666666667

00:45:46.154 --> 00:45:48.238 dead in a year and that's devastating.
NOTE Confidence: 0.933544666666667

00:45:48.240 --> 00:45:50.840 I just saw a new case of that last week.
NOTE Confidence: 0.933544666666667

00:45:50.840 --> 00:45:51.629 So the way.
NOTE Confidence: 0.933544666666667

00:45:51.629 --> 00:45:53.207 I personally handle that is wanting

NOTE Confidence: 0.933544666666667

00:45:53.207 --> 00:45:54.983 to see is there anything I can

NOTE Confidence: 0.933544666666667

00:45:54.983 --> 00:45:56.824 do on the research front to move

NOTE Confidence: 0.933544666666667

00:45:56.824 --> 00:45:57.908 this forward and help.

NOTE Confidence: 0.9352219

00:45:57.910 --> 00:45:59.910 So when I was a resident at Cornell,

NOTE Confidence: 0.9352219

00:45:59.910 --> 00:46:02.630 I got interested in this and I started

NOTE Confidence: 0.9352219

00:46:02.630 --> 00:46:04.943 a clinical trial giving interarterial

NOTE Confidence: 0.9352219

00:46:04.943 --> 00:46:07.543 drug delivery for these patients.

NOTE Confidence: 0.9352219

00:46:07.550 --> 00:46:10.394 Certainly not a cure but I think it's given

NOTE Confidence: 0.9352219

00:46:10.394 --> 00:46:13.348 them some improvement in their symptoms and.

NOTE Confidence: 0.9352219

00:46:13.350 --> 00:46:15.042 Quality of life working on trying

NOTE Confidence: 0.9352219

00:46:15.042 --> 00:46:16.710 to bring that child in Miami,

NOTE Confidence: 0.9352219

00:46:16.710 --> 00:46:18.467 but we did treat one patient with

NOTE Confidence: 0.9352219

00:46:18.467 --> 00:46:19.744 a compassionate use exemption and

NOTE Confidence: 0.9352219

00:46:19.744 --> 00:46:21.403 it bought her a little bit more

NOTE Confidence: 0.9352219

00:46:21.403 --> 00:46:23.110 time and a little bit more quality.

NOTE Confidence: 0.9352219

00:46:23.110 --> 00:46:26.450 And so I think that most of us have
NOTE Confidence: 0.9352219

00:46:26.450 --> 00:46:28.030 fairly intense personality types.
NOTE Confidence: 0.9352219

00:46:28.030 --> 00:46:29.750 I do think we tend to work hard,
NOTE Confidence: 0.9352219

00:46:29.750 --> 00:46:32.822 play hard and you do have to have
NOTE Confidence: 0.9352219

00:46:32.822 --> 00:46:35.310 balance outside of the hospital that
NOTE Confidence: 0.9352219

00:46:35.310 --> 00:46:38.246 helps you to sort of decompress and
NOTE Confidence: 0.9352219

00:46:38.246 --> 00:46:41.522 offset your time in the hospital for me.
NOTE Confidence: 0.9352219

00:46:41.522 --> 00:46:44.078 It used to be horseback riding.
NOTE Confidence: 0.9352219

00:46:44.080 --> 00:46:45.424 Now lately I haven't had as
NOTE Confidence: 0.9352219

00:46:45.424 --> 00:46:46.320 much time for that,
NOTE Confidence: 0.9352219

00:46:46.320 --> 00:46:49.356 but family is important for me.
NOTE Confidence: 0.9352219

00:46:49.360 --> 00:46:52.198 I probably partly due to neurosurgery,
NOTE Confidence: 0.9352219

00:46:52.200 --> 00:46:53.164 met my husband late,
NOTE Confidence: 0.9352219

00:46:53.164 --> 00:46:55.520 met him right when I became a faculty member,
NOTE Confidence: 0.9352219

00:46:55.520 --> 00:46:57.554 and I now have 3 1/2 year old twins.
NOTE Confidence: 0.9352219

00:46:57.560 --> 00:46:59.408 I think you saw one of them jumping

NOTE Confidence: 0.9352219

00:46:59.408 --> 00:47:01.358 in the screen a little while ago.

NOTE Confidence: 0.9352219

00:47:01.360 --> 00:47:03.474 So I think it is important to

NOTE Confidence: 0.9352219

00:47:03.474 --> 00:47:05.000 have a balance outside.

NOTE Confidence: 0.9352219

00:47:05.000 --> 00:47:09.068 I do think that probably particularly.

NOTE Confidence: 0.9352219

00:47:09.070 --> 00:47:11.851 As a woman is a little bit harder in

NOTE Confidence: 0.9352219

00:47:11.851 --> 00:47:13.868 neurosurgery than in some other fields.

NOTE Confidence: 0.9352219

00:47:13.870 --> 00:47:15.466 And I know a lot of,

NOTE Confidence: 0.9352219

00:47:15.470 --> 00:47:15.982 you know,

NOTE Confidence: 0.9352219

00:47:15.982 --> 00:47:17.262 Med students and residents I

NOTE Confidence: 0.9352219

00:47:17.262 --> 00:47:18.822 talked to are concerned about sort

NOTE Confidence: 0.9352219

00:47:18.822 --> 00:47:20.544 of when they would have a kid

NOTE Confidence: 0.9352219

00:47:20.550 --> 00:47:22.748 if they wanted to have a kid.

NOTE Confidence: 0.9352219

00:47:22.750 --> 00:47:24.322 I was extremely lucky.

NOTE Confidence: 0.9352219

00:47:24.322 --> 00:47:25.108 I worked,

NOTE Confidence: 0.9352219

00:47:25.110 --> 00:47:28.251 I was on call through my 36th week of

NOTE Confidence: 0.9352219

00:47:28.251 --> 00:47:30.987 pregnancy with twins and delivered at 37.

NOTE Confidence: 0.9352219

00:47:30.990 --> 00:47:34.910 But it is true that amongst surgical

NOTE Confidence: 0.9352219

00:47:34.910 --> 00:47:37.888 faculty and residents there are.

NOTE Confidence: 0.9352219

00:47:37.888 --> 00:47:40.342 More complications in terms of infertility

NOTE Confidence: 0.9352219

00:47:40.342 --> 00:47:43.310 and early deliveries and things like that.

NOTE Confidence: 0.9352219

00:47:43.310 --> 00:47:45.085 Hopefully the field is changing

NOTE Confidence: 0.9352219

00:47:45.085 --> 00:47:46.505 to have better accommodations,

NOTE Confidence: 0.9352219

00:47:46.510 --> 00:47:49.270 so that's less of an issue for people.

NOTE Confidence: 0.9352219

00:47:49.270 --> 00:47:51.028 But I don't think that's something

NOTE Confidence: 0.9352219

00:47:51.028 --> 00:47:52.200 that should discourage someone

NOTE Confidence: 0.9352219

00:47:52.254 --> 00:47:53.429 from going into the field,

NOTE Confidence: 0.9352219

00:47:53.430 --> 00:47:55.266 because I know plenty of neurosurgeons,

NOTE Confidence: 0.9352219

00:47:55.270 --> 00:47:56.070 both men and women,

NOTE Confidence: 0.9352219

00:47:56.070 --> 00:47:57.548 who spend a lot of time with

NOTE Confidence: 0.9352219

00:47:57.548 --> 00:47:58.688 their families and have kids

NOTE Confidence: 0.9352219

00:47:58.688 --> 00:48:00.070 and make that a priority.

NOTE Confidence: 0.9352219

00:48:01.800 --> 00:48:02.572 Thank you so much.

NOTE Confidence: 0.9352219

00:48:02.572 --> 00:48:03.932 You know, and I'd like to I think

NOTE Confidence: 0.9352219

00:48:03.932 --> 00:48:05.440 this is a very important question.

NOTE Confidence: 0.9352219

00:48:05.440 --> 00:48:06.840 We'll certainly get on to other questions,

NOTE Confidence: 0.9352219

00:48:06.840 --> 00:48:10.230 but I'd like to ask Doctor King to sort

NOTE Confidence: 0.9352219

00:48:10.230 --> 00:48:13.275 of to give a little commentary himself.

NOTE Confidence: 0.9352219

00:48:13.280 --> 00:48:14.618 I I remember chatting with Doctor

NOTE Confidence: 0.9352219

00:48:14.618 --> 00:48:16.306 King it must have been 3-4 months

NOTE Confidence: 0.9352219

00:48:16.306 --> 00:48:17.794 ago when people were planning this.

NOTE Confidence: 0.9352219

00:48:17.800 --> 00:48:19.822 It's taken a while to sort

NOTE Confidence: 0.9352219

00:48:19.822 --> 00:48:21.840 of birth this thing and and.

NOTE Confidence: 0.9352219

00:48:21.840 --> 00:48:23.988 And he mentioned that, you know,

NOTE Confidence: 0.9352219

00:48:23.988 --> 00:48:25.836 a couple of Yale medical students,

NOTE Confidence: 0.9352219

00:48:25.840 --> 00:48:27.868 of course Doctor King has responsibility

NOTE Confidence: 0.9352219

00:48:27.868 --> 00:48:30.040 for mentoring students at Yale right now.

NOTE Confidence: 0.9352219

00:48:30.040 --> 00:48:32.038 So he's got a great vantage point on this.

NOTE Confidence: 0.9352219

00:48:32.040 --> 00:48:33.882 Couple of medical students decided to

NOTE Confidence: 0.9352219

00:48:33.882 --> 00:48:35.977 go into neurosurgery and had done sub

NOTE Confidence: 0.9352219

00:48:35.977 --> 00:48:37.597 eyes and enjoyed themselves at Yale.

NOTE Confidence: 0.9352219

00:48:37.600 --> 00:48:38.540 But then I recall,

NOTE Confidence: 0.9352219

00:48:38.540 --> 00:48:40.440 correct me if I'm wrong, Doctor King,

NOTE Confidence: 0.9352219

00:48:40.440 --> 00:48:42.984 that you know, they had selected,

NOTE Confidence: 0.9352219

00:48:42.984 --> 00:48:44.840 they'd chosen one or two places

NOTE Confidence: 0.9352219

00:48:44.840 --> 00:48:46.831 to go off and do sub internships

NOTE Confidence: 0.9352219

00:48:46.831 --> 00:48:50.040 elsewhere and what they had found.

NOTE Confidence: 0.9352219

00:48:50.040 --> 00:48:52.259 You know outside of the the warm

NOTE Confidence: 0.9352219

00:48:52.259 --> 00:48:55.094 bosom of Yale Medical School and the

NOTE Confidence: 0.9352219

00:48:55.094 --> 00:48:57.590 neurosurgical department of Yale was a

NOTE Confidence: 0.9352219

00:48:57.590 --> 00:48:59.660 little bit of a wake up call in terms

NOTE Confidence: 0.9352219

00:48:59.719 --> 00:49:01.861 of their experience there and and what

NOTE Confidence: 0.9352219

00:49:01.861 --> 00:49:04.200 would you the feedback they received,

NOTE Confidence: 0.9352219

00:49:04.200 --> 00:49:07.332 you know at the end of their at the end of

NOTE Confidence: 0.9352219

00:49:07.332 --> 00:49:10.139 their month visiting such and such programs.

NOTE Confidence: 0.9352219

00:49:10.140 --> 00:49:11.772 And so I'm just trying to put myself

NOTE Confidence: 0.9352219

00:49:11.772 --> 00:49:13.828 in the shoes of a second year medical

NOTE Confidence: 0.9352219

00:49:13.828 --> 00:49:15.180 student or something like that.

NOTE Confidence: 0.9352219

00:49:15.180 --> 00:49:17.232 And they're listening to this great

NOTE Confidence: 0.9352219

00:49:17.232 --> 00:49:18.258 enthusiasm about neurosurgery.

NOTE Confidence: 0.9352219

00:49:18.260 --> 00:49:19.378 They've also heard a little bit of

NOTE Confidence: 0.9352219

00:49:19.380 --> 00:49:20.950 this and that about how, you know,

NOTE Confidence: 0.9352219

00:49:20.950 --> 00:49:22.300 there's a certain intensity in it.

NOTE Confidence: 0.9352219

00:49:22.300 --> 00:49:23.300 And I think your comments,

NOTE Confidence: 0.9352219

00:49:23.300 --> 00:49:25.184 all of your comments are very

NOTE Confidence: 0.9352219

00:49:25.184 --> 00:49:26.780 reassuring that you know, like listen,

NOTE Confidence: 0.9352219

00:49:26.780 --> 00:49:28.680 it can be done and there's a lot of normal

NOTE Confidence: 0.9352219

00:49:28.728 --> 00:49:30.540 people and you're joining the community.

NOTE Confidence: 0.9352219

00:49:30.540 --> 00:49:32.185 But I I guess I'd just like
NOTE Confidence: 0.9352219

00:49:32.185 --> 00:49:33.700 to post to Doctor King,
NOTE Confidence: 0.9352219

00:49:33.700 --> 00:49:35.908 have you and your in your
NOTE Confidence: 0.9352219

00:49:35.908 --> 00:49:37.380 mentorship of medical students.
NOTE Confidence: 0.9352219

00:49:37.380 --> 00:49:39.900 Do you sometimes find that hey listen,
NOTE Confidence: 0.9352219

00:49:39.900 --> 00:49:41.410 you know this person's whip
NOTE Confidence: 0.9352219

00:49:41.410 --> 00:49:43.220 smart and and what have you,
NOTE Confidence: 0.9352219

00:49:43.220 --> 00:49:45.206 but with your own knowledge of
NOTE Confidence: 0.9352219

00:49:45.206 --> 00:49:46.918 neurosurgery in New Haven and
NOTE Confidence: 0.9352219

00:49:46.918 --> 00:49:48.518 Pittsburgh and Cleveland that you
NOTE Confidence: 0.9352219

00:49:48.518 --> 00:49:51.041 know you you you want to be thinking
NOTE Confidence: 0.9352219

00:49:51.041 --> 00:49:53.059 about this with your eyes wide open.
NOTE Confidence: 0.9352219

00:49:53.059 --> 00:49:54.971 Is is Yale sort of a walled garden
NOTE Confidence: 0.9352219

00:49:54.971 --> 00:49:56.890 and in some sense relative to the
NOTE Confidence: 0.9352219

00:49:56.890 --> 00:49:58.739 whiter culture or is that is that,
NOTE Confidence: 0.9352219

00:49:58.740 --> 00:49:59.580 is that not the case?

NOTE Confidence: 0.923481266666667

00:50:00.940 --> 00:50:02.380 I think I

NOTE Confidence: 0.941511525

00:50:02.380 --> 00:50:03.980 think Yale may be a little bit different.

NOTE Confidence: 0.941511525

00:50:03.980 --> 00:50:06.297 I think our residents are very close.

NOTE Confidence: 0.941511525

00:50:06.300 --> 00:50:06.792 Our residents,

NOTE Confidence: 0.941511525

00:50:06.792 --> 00:50:08.760 not only are they spending 80 hours a

NOTE Confidence: 0.941511525

00:50:08.812 --> 00:50:10.660 week with one another during residency,

NOTE Confidence: 0.941511525

00:50:10.660 --> 00:50:12.578 you know, while they're on the job,

NOTE Confidence: 0.941511525

00:50:12.580 --> 00:50:14.740 but they're also socializing with one

NOTE Confidence: 0.941511525

00:50:14.740 --> 00:50:17.384 another on their off hours, you know.

NOTE Confidence: 0.941511525

00:50:17.384 --> 00:50:19.676 And our residents who are talking

NOTE Confidence: 0.941511525

00:50:19.676 --> 00:50:21.300 with their colleagues,

NOTE Confidence: 0.941511525

00:50:21.300 --> 00:50:23.076 their classmates who are at other

NOTE Confidence: 0.941511525

00:50:23.076 --> 00:50:25.180 programs or under the impression that,

NOTE Confidence: 0.941511525

00:50:25.180 --> 00:50:27.497 you know, our our residency may get

NOTE Confidence: 0.941511525

00:50:27.497 --> 00:50:29.984 along a little better than and and

NOTE Confidence: 0.941511525

00:50:29.984 --> 00:50:32.126 maybe a little bit more collegial.
NOTE Confidence: 0.941511525

00:50:32.130 --> 00:50:33.822 But I think that all neurosurgery
NOTE Confidence: 0.941511525

00:50:33.822 --> 00:50:34.950 residency programs are demanding
NOTE Confidence: 0.941511525

00:50:35.001 --> 00:50:36.285 and well I think that people
NOTE Confidence: 0.941511525

00:50:36.285 --> 00:50:37.530 talk about worth like balance,
NOTE Confidence: 0.941511525

00:50:37.530 --> 00:50:39.190 but you're signing up for
NOTE Confidence: 0.941511525

00:50:39.190 --> 00:50:40.850 a 7 year residency program,
NOTE Confidence: 0.941511525

00:50:40.850 --> 00:50:42.410 You're signing up for a program
NOTE Confidence: 0.941511525

00:50:42.410 --> 00:50:44.339 that's going to push the limits of
NOTE Confidence: 0.941511525

00:50:44.339 --> 00:50:46.007 the 80 hour work week realistically.
NOTE Confidence: 0.941511525

00:50:46.010 --> 00:50:47.522 So it's going to be longer than
NOTE Confidence: 0.941511525

00:50:47.522 --> 00:50:48.170 most other training.
NOTE Confidence: 0.941511525

00:50:48.170 --> 00:50:49.493 And then a lot of other people
NOTE Confidence: 0.941511525

00:50:49.493 --> 00:50:50.739 you've heard from a bunch of our
NOTE Confidence: 0.941511525

00:50:50.739 --> 00:50:52.516 panelists go on to do an additional
NOTE Confidence: 0.941511525

00:50:52.516 --> 00:50:54.550 year or even several years of

NOTE Confidence: 0.941511525

00:50:54.550 --> 00:50:56.090 training like Doctor Mancalor did,

NOTE Confidence: 0.941511525

00:50:56.090 --> 00:50:58.708 whether it's in clinical or or research.

NOTE Confidence: 0.941511525

00:50:58.710 --> 00:51:00.742 So I I think that there is an

NOTE Confidence: 0.941511525

00:51:00.742 --> 00:51:02.209 intensity level and a willingness

NOTE Confidence: 0.941511525

00:51:02.209 --> 00:51:04.302 to commit years and and that you're

NOTE Confidence: 0.941511525

00:51:04.367 --> 00:51:05.949 in your early to mid 30s and

NOTE Confidence: 0.941511525

00:51:05.949 --> 00:51:07.488 and some of our NDPHD panelists,

NOTE Confidence: 0.941511525

00:51:07.488 --> 00:51:09.204 you know perhaps are even further

NOTE Confidence: 0.941511525

00:51:09.204 --> 00:51:11.092 along than that by the time they

NOTE Confidence: 0.941511525

00:51:11.092 --> 00:51:12.452 finished their training and really

NOTE Confidence: 0.941511525

00:51:12.452 --> 00:51:14.138 got into their their first jobs

NOTE Confidence: 0.941511525

00:51:14.138 --> 00:51:15.882 and started building their careers.

NOTE Confidence: 0.941511525

00:51:15.882 --> 00:51:18.423 And then I think you know there

NOTE Confidence: 0.941511525

00:51:18.423 --> 00:51:20.590 are a lot of job options out there.

NOTE Confidence: 0.941511525

00:51:20.590 --> 00:51:22.579 And if you want to go into the fast

NOTE Confidence: 0.941511525

00:51:22.579 --> 00:51:24.346 track and get into an academic
NOTE Confidence: 0.941511525

00:51:24.346 --> 00:51:25.831 program and be clinically busy
NOTE Confidence: 0.941511525

00:51:25.890 --> 00:51:27.620 and build your research program.
NOTE Confidence: 0.941511525

00:51:27.620 --> 00:51:28.138 You know,
NOTE Confidence: 0.941511525

00:51:28.138 --> 00:51:29.951 that takes time and you're not going
NOTE Confidence: 0.941511525

00:51:29.951 --> 00:51:32.017 to do that at 40 or 50 hours a week.
NOTE Confidence: 0.941511525

00:51:32.020 --> 00:51:34.225 And and so I think that they're
NOTE Confidence: 0.941511525

00:51:34.225 --> 00:51:35.380 just practical considerations on,
NOTE Confidence: 0.941511525

00:51:35.380 --> 00:51:35.732 you know,
NOTE Confidence: 0.941511525

00:51:35.732 --> 00:51:36.964 what you're going to do and how
NOTE Confidence: 0.941511525

00:51:36.964 --> 00:51:38.096 you're going to spend your time.
NOTE Confidence: 0.941511525

00:51:38.100 --> 00:51:38.320 Frankly,
NOTE Confidence: 0.941511525

00:51:38.320 --> 00:51:40.080 one of the reasons that I went to
NOTE Confidence: 0.941511525

00:51:40.080 --> 00:51:42.360 the VA is because I'm basically
NOTE Confidence: 0.941511525

00:51:42.360 --> 00:51:44.914 on service every other week and
NOTE Confidence: 0.941511525

00:51:44.914 --> 00:51:46.890 so the alternate weeks.

NOTE Confidence: 0.941511525

00:51:46.890 --> 00:51:48.570 You know, I have time to do research.

NOTE Confidence: 0.941511525

00:51:48.570 --> 00:51:50.418 I have time to get my other

NOTE Confidence: 0.941511525

00:51:50.418 --> 00:51:51.210 administrative stuff done.

NOTE Confidence: 0.941511525

00:51:51.210 --> 00:51:52.142 And I made sure,

NOTE Confidence: 0.941511525

00:51:52.142 --> 00:51:52.608 you know,

NOTE Confidence: 0.941511525

00:51:52.610 --> 00:51:54.194 since I was in charge of the call schedule

NOTE Confidence: 0.941511525

00:51:54.194 --> 00:51:55.910 cuz I was the chief of the service that,

NOTE Confidence: 0.941511525

00:51:55.910 --> 00:51:56.490 you know,

NOTE Confidence: 0.941511525

00:51:56.490 --> 00:51:58.170 I would look at my kids lacrosse

NOTE Confidence: 0.941511525

00:51:58.170 --> 00:51:59.309 game schedule over the season

NOTE Confidence: 0.941511525

00:51:59.309 --> 00:52:01.039 and make sure that I was not in

NOTE Confidence: 0.941511525

00:52:01.039 --> 00:52:02.329 clinic on Wednesday afternoon when

NOTE Confidence: 0.941511525

00:52:02.329 --> 00:52:03.664 my son was playing lacrosse.

NOTE Confidence: 0.941511525

00:52:03.664 --> 00:52:06.310 Or when my daughter was doing a swim meet,

NOTE Confidence: 0.941511525

00:52:06.310 --> 00:52:06.858 you know,

NOTE Confidence: 0.941511525

00:52:06.858 --> 00:52:09.361 so I was there for my kids and and
NOTE Confidence: 0.941511525

00:52:09.361 --> 00:52:11.990 and my wife is a you know an MDPHD,
NOTE Confidence: 0.941511525

00:52:11.990 --> 00:52:13.856 you know full time academic And
NOTE Confidence: 0.941511525

00:52:13.856 --> 00:52:16.270 so we had shared responsibilities.
NOTE Confidence: 0.941511525

00:52:16.270 --> 00:52:18.960 But I part of it was I took a position
NOTE Confidence: 0.941511525

00:52:19.033 --> 00:52:21.115 that gave me that flexibility in
NOTE Confidence: 0.941511525

00:52:21.115 --> 00:52:23.779 order to be able to prioritize those
NOTE Confidence: 0.941511525

00:52:23.779 --> 00:52:26.185 things so that I'm only working
NOTE Confidence: 0.9402536

00:52:26.190 --> 00:52:27.470 A50 or 60 hour week.
NOTE Confidence: 0.9402536

00:52:27.470 --> 00:52:28.976 You know some of my colleagues
NOTE Confidence: 0.9402536

00:52:28.976 --> 00:52:30.549 are are doing more than that.
NOTE Confidence: 0.9402536

00:52:30.550 --> 00:52:32.422 But I think some of my
NOTE Confidence: 0.9402536

00:52:32.422 --> 00:52:33.670 colleagues are are workaholics.
NOTE Confidence: 0.9402536

00:52:33.670 --> 00:52:35.603 So some of it is figuring
NOTE Confidence: 0.9402536

00:52:35.603 --> 00:52:36.868 out what's important to you.
NOTE Confidence: 0.9402536

00:52:36.870 --> 00:52:38.894 I I think how you spend your time

NOTE Confidence: 0.9402536

00:52:38.894 --> 00:52:40.690 says what you know is really

NOTE Confidence: 0.9402536

00:52:40.690 --> 00:52:42.225 important to what you value.

NOTE Confidence: 0.9402536

00:52:42.230 --> 00:52:44.669 And so you can say you're a family person.

NOTE Confidence: 0.9402536

00:52:44.670 --> 00:52:46.200 But if you're spending 112 hours

NOTE Confidence: 0.9402536

00:52:46.200 --> 00:52:48.251 a week at work and and only you

NOTE Confidence: 0.9402536

00:52:48.251 --> 00:52:49.715 know and don't get home till

NOTE Confidence: 0.9402536

00:52:49.771 --> 00:52:51.624 your kids are asleep, you know,

NOTE Confidence: 0.9402536

00:52:51.624 --> 00:52:53.766 I'm not sure what that means.

NOTE Confidence: 0.9402536

00:52:53.770 --> 00:52:54.589 But some people,

NOTE Confidence: 0.9402536

00:52:54.589 --> 00:52:56.500 they want to spend that much time

NOTE Confidence: 0.9402536

00:52:56.558 --> 00:52:58.658 at work and there there are some

NOTE Confidence: 0.9402536

00:52:58.658 --> 00:53:00.057 incredibly driven hard working

NOTE Confidence: 0.9402536

00:53:00.057 --> 00:53:01.812 long hour neurosurgeons, you know,

NOTE Confidence: 0.9402536

00:53:01.812 --> 00:53:03.359 but there are other people who do

NOTE Confidence: 0.9402536

00:53:03.359 --> 00:53:05.219 a really good job of figuring out

NOTE Confidence: 0.9402536

00:53:05.219 --> 00:53:07.410 the balance and that's part of the challenge.

NOTE Confidence: 0.9402536

00:53:07.410 --> 00:53:08.886 I think if you want it,

NOTE Confidence: 0.9402536

00:53:08.890 --> 00:53:09.970 you can do it.

NOTE Confidence: 0.9402536

00:53:09.970 --> 00:53:12.241 But you know I had to jump twice.

NOTE Confidence: 0.9402536

00:53:12.241 --> 00:53:14.409 You know, I'm at my third job where

NOTE Confidence: 0.9402536

00:53:14.409 --> 00:53:17.082 I finally got the work life balance correct.

NOTE Confidence: 0.9402536

00:53:17.082 --> 00:53:19.458 But you know you've you've got

NOTE Confidence: 0.9402536

00:53:19.458 --> 00:53:21.119 to look around and.

NOTE Confidence: 0.9402536

00:53:21.120 --> 00:53:22.120 Understand what you're getting

NOTE Confidence: 0.9402536

00:53:22.120 --> 00:53:23.620 yourself into and and figure out

NOTE Confidence: 0.9402536

00:53:23.660 --> 00:53:24.650 what your priorities are and

NOTE Confidence: 0.9402536

00:53:24.650 --> 00:53:26.079 how you want to spend your time.

NOTE Confidence: 0.950317

00:53:29.760 --> 00:53:31.680 Brian, I believe you had wanted to follow on.

NOTE Confidence: 0.94427896

00:53:32.320 --> 00:53:33.832 Yeah, I mean I think that's

NOTE Confidence: 0.94427896

00:53:33.832 --> 00:53:34.840 not intrinsic to neurosurgery.

NOTE Confidence: 0.94427896

00:53:34.840 --> 00:53:37.232 I think there is cardiologists who are there

NOTE Confidence: 0.94427896

00:53:37.232 --> 00:53:39.360 in the hospital every hour of the day.

NOTE Confidence: 0.94427896

00:53:39.360 --> 00:53:43.608 And and I agree with Joe, it's you know it.

NOTE Confidence: 0.94427896

00:53:43.610 --> 00:53:45.465 Neurosurgery actually I did not understand

NOTE Confidence: 0.94427896

00:53:45.465 --> 00:53:48.521 this when I was a Med student but the

NOTE Confidence: 0.94427896

00:53:48.521 --> 00:53:50.541 different specialties have such come

NOTE Confidence: 0.94427896

00:53:50.541 --> 00:53:52.029 dramatically different lifestyles and

NOTE Confidence: 0.94427896

00:53:52.029 --> 00:53:54.698 but also within it there's a huge range.

NOTE Confidence: 0.94427896

00:53:54.698 --> 00:53:57.713 And you know one of the things we do with

NOTE Confidence: 0.94427896

00:53:57.713 --> 00:54:00.362 our residents is really walk them through

NOTE Confidence: 0.94427896

00:54:00.362 --> 00:54:02.750 what it being an academic neurosurgeon

NOTE Confidence: 0.94427896

00:54:02.818 --> 00:54:05.275 is being a a practice based one being

NOTE Confidence: 0.94427896

00:54:05.275 --> 00:54:09.460 a one that's largely A researcher who

NOTE Confidence: 0.94427896

00:54:09.460 --> 00:54:11.560 also operates and and you know.

NOTE Confidence: 0.94427896

00:54:11.560 --> 00:54:14.680 The risks and and and benefits of each.

NOTE Confidence: 0.94427896

00:54:14.680 --> 00:54:15.919 But I I I agree with you.

NOTE Confidence: 0.94427896

00:54:15.920 --> 00:54:18.600 I just think it's you know in nowadays

NOTE Confidence: 0.94427896

00:54:18.600 --> 00:54:20.845 unless you're doing a completely shift

NOTE Confidence: 0.94427896

00:54:20.845 --> 00:54:22.870 based work it that's probably true for

NOTE Confidence: 0.94427896

00:54:22.870 --> 00:54:24.843 all of them and the the difference

NOTE Confidence: 0.94427896

00:54:24.843 --> 00:54:26.787 honestly between academic and what used

NOTE Confidence: 0.94427896

00:54:26.787 --> 00:54:29.003 to be called private practice and now

NOTE Confidence: 0.94427896

00:54:29.003 --> 00:54:31.098 is practice based is not that different

NOTE Confidence: 0.94427896

00:54:31.098 --> 00:54:33.410 anymore in terms of the number of hours

NOTE Confidence: 0.94427896

00:54:33.465 --> 00:54:35.655 and frankly the hospital based practices.

NOTE Confidence: 0.94427896

00:54:35.660 --> 00:54:38.776 So it it's such a interesting aspect of it,

NOTE Confidence: 0.94427896

00:54:38.776 --> 00:54:40.820 none of which you kind of know

NOTE Confidence: 0.94427896

00:54:40.820 --> 00:54:41.816 as a Med student.

NOTE Confidence: 0.94427896

00:54:41.820 --> 00:54:43.896 But the field itself has just,

NOTE Confidence: 0.94427896

00:54:43.900 --> 00:54:46.035 you know more questions than answers and

NOTE Confidence: 0.94427896

00:54:46.035 --> 00:54:47.740 the opportunities are pretty amazing.

NOTE Confidence: 0.94427896

00:54:47.740 --> 00:54:50.239 And you know if you find the

NOTE Confidence: 0.94427896

00:54:50.239 --> 00:54:52.578 right place that jump from Yale,

NOTE Confidence: 0.94427896

00:54:52.580 --> 00:54:53.540 which is,

NOTE Confidence: 0.94427896

00:54:53.540 --> 00:54:55.865 you know admittedly an amazing

NOTE Confidence: 0.94427896

00:54:55.865 --> 00:54:57.890 environment to your residency is

NOTE Confidence: 0.94427896

00:54:57.890 --> 00:55:00.659 hopefully not a big jump but rather,

NOTE Confidence: 0.94427896

00:55:00.660 --> 00:55:03.747 you know I went from there to.

NOTE Confidence: 0.94427896

00:55:03.750 --> 00:55:04.048 MGH.

NOTE Confidence: 0.94427896

00:55:04.048 --> 00:55:05.836 And the thing that was impressive

NOTE Confidence: 0.94427896

00:55:05.836 --> 00:55:07.873 wasn't the difference in the way the

NOTE Confidence: 0.94427896

00:55:07.873 --> 00:55:09.228 attendings and the residents were,

NOTE Confidence: 0.94427896

00:55:09.230 --> 00:55:11.120 but rather just the volume of

NOTE Confidence: 0.94427896

00:55:11.120 --> 00:55:12.065 a bigger center.

NOTE Confidence: 0.94427896

00:55:12.070 --> 00:55:13.708 But there are places in any field

NOTE Confidence: 0.94427896

00:55:13.708 --> 00:55:15.373 where you go to a place that's

NOTE Confidence: 0.94427896

00:55:15.373 --> 00:55:16.741 a little more toxic or not.

NOTE Confidence: 0.94427896

00:55:16.750 --> 00:55:19.064 And that's part of how you know,
NOTE Confidence: 0.94427896

00:55:19.064 --> 00:55:20.800 you rely on your mentors at at the
NOTE Confidence: 0.94427896

00:55:20.850 --> 00:55:22.698 school and the Deans who can give you
NOTE Confidence: 0.94427896

00:55:22.698 --> 00:55:24.548 the heads up on you know where to go.
NOTE Confidence: 0.933544586666667

00:55:26.230 --> 00:55:26.629 I would just.
NOTE Confidence: 0.938576366666667

00:55:29.480 --> 00:55:31.118 Sorry, Heather, I was going to,
NOTE Confidence: 0.938576366666667

00:55:31.120 --> 00:55:34.622 I mean I think that you know,
NOTE Confidence: 0.938576366666667

00:55:34.622 --> 00:55:37.639 the reality is that that there's no,
NOTE Confidence: 0.938576366666667

00:55:37.640 --> 00:55:39.110 there's no one field that has
NOTE Confidence: 0.938576366666667

00:55:39.110 --> 00:55:40.728 the same type of person, right.
NOTE Confidence: 0.938576366666667

00:55:40.728 --> 00:55:41.560 I mean you know,
NOTE Confidence: 0.938576366666667

00:55:41.560 --> 00:55:44.108 I think you know Paul can talk
NOTE Confidence: 0.938576366666667

00:55:44.108 --> 00:55:46.424 about you know, ENT and they're,
NOTE Confidence: 0.938576366666667

00:55:46.424 --> 00:55:48.872 you know with with ENT there
NOTE Confidence: 0.938576366666667

00:55:48.872 --> 00:55:51.692 are you know Skullbased surgeons
NOTE Confidence: 0.938576366666667

00:55:51.692 --> 00:55:53.768 and head and neck surgeons and

NOTE Confidence: 0.938576366666667

00:55:53.768 --> 00:55:56.020 then there are you know.

NOTE Confidence: 0.938576366666667

00:55:56.020 --> 00:55:57.920 People who basically do,

NOTE Confidence: 0.938576366666667

00:55:57.920 --> 00:56:00.680 you know, just

NOTE Confidence: 0.87369524

00:56:04.240 --> 00:56:06.600 rhinology and and so on,

NOTE Confidence: 0.87369524

00:56:06.600 --> 00:56:09.064 it's a it's a huge variety and

NOTE Confidence: 0.87369524

00:56:09.064 --> 00:56:10.942 I think neurosurgery, you know,

NOTE Confidence: 0.87369524

00:56:10.942 --> 00:56:12.997 while overall it's more intense,

NOTE Confidence: 0.87369524

00:56:13.000 --> 00:56:14.988 I think there are two things that

NOTE Confidence: 0.87369524

00:56:14.988 --> 00:56:17.290 are that that that we have to kind

NOTE Confidence: 0.87369524

00:56:17.290 --> 00:56:19.554 of acknowledge #1 is that there's a

NOTE Confidence: 0.87369524

00:56:19.554 --> 00:56:22.613 reason why the residency is you know.

NOTE Confidence: 0.87369524

00:56:22.620 --> 00:56:24.792 You know, seven years and and

NOTE Confidence: 0.87369524

00:56:24.792 --> 00:56:27.029 that it's not just to prepare

NOTE Confidence: 0.87369524

00:56:27.029 --> 00:56:29.493 you to to learn how to operate,

NOTE Confidence: 0.87369524

00:56:29.500 --> 00:56:32.046 but it's also to prepare you to learn

NOTE Confidence: 0.87369524

00:56:32.046 --> 00:56:33.900 how to manage the lifestyle, right.
NOTE Confidence: 0.87369524

00:56:33.900 --> 00:56:35.820 And so within those seven years,
NOTE Confidence: 0.87369524

00:56:35.820 --> 00:56:37.330 like, you're going to find
NOTE Confidence: 0.87369524

00:56:37.330 --> 00:56:39.060 exactly where your sweet spot is.
NOTE Confidence: 0.87369524

00:56:39.060 --> 00:56:41.544 And so you know,
NOTE Confidence: 0.87369524

00:56:41.544 --> 00:56:43.154 Joe's right that there's that
NOTE Confidence: 0.87369524

00:56:43.154 --> 00:56:45.259 there's a huge variety of people.
NOTE Confidence: 0.87369524

00:56:45.260 --> 00:56:46.980 And you know, I mean,
NOTE Confidence: 0.87369524

00:56:46.980 --> 00:56:49.860 I definitely work more than 60 hours a week,
NOTE Confidence: 0.87369524

00:56:49.860 --> 00:56:50.307 but.
NOTE Confidence: 0.87369524

00:56:50.307 --> 00:56:53.436 I consider myself to have an incredible
NOTE Confidence: 0.87369524

00:56:53.436 --> 00:56:56.326 work life balance because I also you
NOTE Confidence: 0.87369524

00:56:56.326 --> 00:56:59.710 know get to my kids soccer games on
NOTE Confidence: 0.87369524

00:56:59.710 --> 00:57:02.025 weekends and you know I just made
NOTE Confidence: 0.87369524

00:57:02.025 --> 00:57:04.151 my kids highlight real for like you
NOTE Confidence: 0.87369524

00:57:04.151 --> 00:57:05.515 know because college recruitment

NOTE Confidence: 0.87369524

00:57:05.515 --> 00:57:07.940 I sat there like editing you know

NOTE Confidence: 0.87369524

00:57:07.940 --> 00:57:10.687 every piece of of of of of you know

NOTE Confidence: 0.87369524

00:57:10.687 --> 00:57:13.158 highlight that he that he that he

NOTE Confidence: 0.87369524

00:57:13.160 --> 00:57:14.315 you know done as a soccer player.

NOTE Confidence: 0.87369524

00:57:14.320 --> 00:57:18.360 So I mean it is it's it's it's.

NOTE Confidence: 0.87369524

00:57:18.360 --> 00:57:20.880 It's there's just, it's so variable right.

NOTE Confidence: 0.87369524

00:57:20.880 --> 00:57:22.686 I mean it's as variable as we

NOTE Confidence: 0.87369524

00:57:22.686 --> 00:57:24.159 are all are as people,

NOTE Confidence: 0.87369524

00:57:24.160 --> 00:57:24.470 right.

NOTE Confidence: 0.87369524

00:57:24.470 --> 00:57:26.950 And so I think that the thing that

NOTE Confidence: 0.87369524

00:57:26.950 --> 00:57:29.764 you have to ask yourself in terms of

NOTE Confidence: 0.87369524

00:57:29.764 --> 00:57:32.200 work work life balance is you know

NOTE Confidence: 0.87369524

00:57:32.200 --> 00:57:34.520 it's really just that you know number one,

NOTE Confidence: 0.87369524

00:57:34.520 --> 00:57:36.520 can I I think what Heather said in

NOTE Confidence: 0.87369524

00:57:36.520 --> 00:57:38.551 in the beginning was is critical

NOTE Confidence: 0.87369524

00:57:38.551 --> 00:57:40.700 like and I'm curious to kind
NOTE Confidence: 0.87369524

00:57:40.700 --> 00:57:42.480 of hear other panels opinion,
NOTE Confidence: 0.87369524

00:57:42.480 --> 00:57:45.972 opinions on this you know can I handle those.
NOTE Confidence: 0.87369524

00:57:45.972 --> 00:57:48.390 Lows because I mean the lows
NOTE Confidence: 0.87369524

00:57:48.478 --> 00:57:51.504 aren't just like when you have a,
NOTE Confidence: 0.87369524

00:57:51.504 --> 00:57:53.990 you know, a perfectly, you know,
NOTE Confidence: 0.87369524

00:57:53.990 --> 00:57:55.400 a perfect case where you know,
NOTE Confidence: 0.87369524

00:57:55.400 --> 00:57:56.132 you're just like okay.
NOTE Confidence: 0.87369524

00:57:56.132 --> 00:57:57.770 This is going to be a great outcome
NOTE Confidence: 0.87369524

00:57:57.770 --> 00:57:59.264 sometimes when like a perfect case
NOTE Confidence: 0.87369524

00:57:59.264 --> 00:58:00.598 supposed to be a great outcome.
NOTE Confidence: 0.87369524

00:58:00.600 --> 00:58:02.400 You know, every once in a while it's not.
NOTE Confidence: 0.87369524

00:58:02.400 --> 00:58:04.758 And and so you, you know,
NOTE Confidence: 0.87369524

00:58:04.760 --> 00:58:06.800 and you're working on the brain and so,
NOTE Confidence: 0.87369524

00:58:06.800 --> 00:58:08.840 you know, people are left,
NOTE Confidence: 0.87369524

00:58:08.840 --> 00:58:09.600 you know,

NOTE Confidence: 0.87369524

00:58:09.600 --> 00:58:11.500 with significant deficits and and

NOTE Confidence: 0.87369524

00:58:11.500 --> 00:58:13.652 I think that one thing I have,

NOTE Confidence: 0.87369524

00:58:13.652 --> 00:58:15.689 one thing I'll say is that what

NOTE Confidence: 0.87369524

00:58:15.689 --> 00:58:16.609 makes neurosurgery.

NOTE Confidence: 0.87369524

00:58:16.610 --> 00:58:19.378 You know what what what makes a good

NOTE Confidence: 0.87369524

00:58:19.378 --> 00:58:21.865 neurosurgeon and and and makes a surgeon who

NOTE Confidence: 0.87369524

00:58:21.865 --> 00:58:24.650 has a capacity for good work life balance?

NOTE Confidence: 0.87369524

00:58:24.650 --> 00:58:27.044 Is it the ability to 1st sort

NOTE Confidence: 0.87369524

00:58:27.044 --> 00:58:29.168 of be able to accept blame,

NOTE Confidence: 0.87369524

00:58:29.170 --> 00:58:29.390 right.

NOTE Confidence: 0.87369524

00:58:29.390 --> 00:58:31.370 To be able to look at themselves and say,

NOTE Confidence: 0.87369524

00:58:31.370 --> 00:58:34.450 hey you know this was a bad

NOTE Confidence: 0.87369524

00:58:34.450 --> 00:58:37.570 outcome but like here are the two,

NOTE Confidence: 0.87369524

00:58:37.570 --> 00:58:39.226 three things that I could have

NOTE Confidence: 0.87369524

00:58:39.226 --> 00:58:40.585 done differently because then the

NOTE Confidence: 0.87369524

00:58:40.585 --> 00:58:42.143 next time you do it better, right.

NOTE Confidence: 0.87369524

00:58:42.143 --> 00:58:44.474 And that and over the long haul.

NOTE Confidence: 0.87369524

00:58:44.480 --> 00:58:47.688 As Brian says said it gets easier and

NOTE Confidence: 0.87369524

00:58:47.688 --> 00:58:50.600 easier and easier and then the the the,

NOTE Confidence: 0.87369524

00:58:50.600 --> 00:58:52.640 the feeling of doing something really,

NOTE Confidence: 0.95434236

00:58:52.640 --> 00:58:56.280 really complex becomes, you know much

NOTE Confidence: 0.95434236

00:58:56.280 --> 00:58:58.240 more routine and that gives you a,

NOTE Confidence: 0.95434236

00:58:58.240 --> 00:59:00.207 you know it's it's more the mental

NOTE Confidence: 0.95434236

00:59:00.207 --> 00:59:02.100 space that you spend dealing with

NOTE Confidence: 0.95434236

00:59:02.100 --> 00:59:03.500 the intensity of neurosurgery

NOTE Confidence: 0.95434236

00:59:03.500 --> 00:59:05.240 that makes it really hard.

NOTE Confidence: 0.95434236

00:59:05.240 --> 00:59:07.830 But but yeah the the seven years

NOTE Confidence: 0.95434236

00:59:07.830 --> 00:59:10.982 of training and the the the sort of

NOTE Confidence: 0.95434236

00:59:10.982 --> 00:59:13.410 postlude where you're trying to find.

NOTE Confidence: 0.95434236

00:59:13.410 --> 00:59:14.928 Your exact fit.

NOTE Confidence: 0.95434236

00:59:14.928 --> 00:59:17.230 You know ultimately you know most of

NOTE Confidence: 0.95434236

00:59:17.230 --> 00:59:19.053 us do you know what I mean I think

NOTE Confidence: 0.95434236

00:59:19.053 --> 00:59:20.375 if you look at the satisfaction

NOTE Confidence: 0.95434236

00:59:20.375 --> 00:59:22.650 rates and you know among in medicine

NOTE Confidence: 0.95434236

00:59:22.650 --> 00:59:24.929 I mean these things are published.

NOTE Confidence: 0.95434236

00:59:24.930 --> 00:59:26.778 You know neurosurgery is not the

NOTE Confidence: 0.95434236

00:59:26.778 --> 00:59:28.872 worst you know so but it's you

NOTE Confidence: 0.95434236

00:59:28.872 --> 00:59:30.727 know it might be viewed as the

NOTE Confidence: 0.95434236

00:59:30.792 --> 00:59:32.885 most intense and the most you know

NOTE Confidence: 0.95434236

00:59:32.890 --> 00:59:36.634 the most you know the most rabid

NOTE Confidence: 0.95434236

00:59:36.634 --> 00:59:38.650 or whatever you want to call it.

NOTE Confidence: 0.95434236

00:59:38.650 --> 00:59:40.963 But like it is not it's it's by no

NOTE Confidence: 0.95434236

00:59:40.963 --> 00:59:43.146 means the worst and that's because.

NOTE Confidence: 0.95434236

00:59:43.150 --> 00:59:44.389 You have a lot of different personalities.

NOTE Confidence: 0.95434236

00:59:44.390 --> 00:59:46.806 You have a lot of different aspects of

NOTE Confidence: 0.95434236

00:59:46.806 --> 00:59:49.545 the field and you can always find your fit,

NOTE Confidence: 0.95434236

00:59:49.550 --> 00:59:50.430 you know.
NOTE Confidence: 0.95434236

00:59:50.430 --> 00:59:53.282 And so I think you know the question
NOTE Confidence: 0.95434236

00:59:53.282 --> 00:59:55.703 is like do you do you want to you
NOTE Confidence: 0.95434236

00:59:55.703 --> 00:59:57.614 know engage in those seven years of
NOTE Confidence: 0.95434236

00:59:57.614 --> 00:59:59.078 residency and and and everything
NOTE Confidence: 0.95434236

00:59:59.078 --> 01:00:00.226 that comes after it.
NOTE Confidence: 0.95434236

01:00:00.230 --> 01:00:03.424 But but it's I would say it's very,
NOTE Confidence: 0.95434236

01:00:03.424 --> 01:00:06.343 very work life balance is absolutely even.
NOTE Confidence: 0.95434236

01:00:06.350 --> 01:00:08.110 It's just necessary neurosurgery.
NOTE Confidence: 0.95434236

01:00:08.110 --> 01:00:10.104 You just can't do this.
NOTE Confidence: 0.95434236

01:00:10.104 --> 01:00:12.463 All the time and have nothing outside,
NOTE Confidence: 0.95434236

01:00:12.470 --> 01:00:14.790 you know, because you will,
NOTE Confidence: 0.95434236

01:00:14.790 --> 01:00:15.750 you know you'll,
NOTE Confidence: 0.95434236

01:00:15.750 --> 01:00:18.423 you'll burn out and so you know that
NOTE Confidence: 0.95434236

01:00:18.423 --> 01:00:20.830 that's that's an important factor.
NOTE Confidence: 0.933544586666667

01:00:22.930 --> 01:00:23.368 I think when

NOTE Confidence: 0.960380338
01:00:23.370 --> 01:00:26.250 applying for a neurosurgical residency,
NOTE Confidence: 0.960380338
01:00:26.250 --> 01:00:28.203 which is something that the medical students
NOTE Confidence: 0.960380338
01:00:28.203 --> 01:00:30.290 in the audience are interested in, that
NOTE Confidence: 0.960380338
01:00:30.290 --> 01:00:32.810 that what was just mentioned is critical.
NOTE Confidence: 0.960380338
01:00:32.810 --> 01:00:36.380 When I was interviewing applicants for our
NOTE Confidence: 0.960380338
01:00:36.380 --> 01:00:38.690 residency at the Allegheny Health Network,
NOTE Confidence: 0.960380338
01:00:38.690 --> 01:00:41.570 one of the things we looked for is to be
NOTE Confidence: 0.960380338
01:00:41.570 --> 01:00:44.386 intense for something outside of medicine.
NOTE Confidence: 0.960380338
01:00:44.386 --> 01:00:46.456 Were you a great writer?
NOTE Confidence: 0.960380338
01:00:46.460 --> 01:00:47.660 Are you into sports?
NOTE Confidence: 0.960380338
01:00:47.660 --> 01:00:50.060 Are you into a certain aspect of music?
NOTE Confidence: 0.960380338
01:00:50.060 --> 01:00:51.540 Is there something you really,
NOTE Confidence: 0.960380338
01:00:51.540 --> 01:00:54.880 really feel intensely and do
NOTE Confidence: 0.960380338
01:00:54.880 --> 01:00:57.300 intensely about outside of medicine?
NOTE Confidence: 0.960380338
01:00:57.300 --> 01:00:59.100 I know there was another
NOTE Confidence: 0.960380338

01:00:59.100 --> 01:01:00.430 question about research,
NOTE Confidence: 0.960380338

01:01:00.430 --> 01:01:02.718 and if that was your thing that you
NOTE Confidence: 0.960380338

01:01:02.718 --> 01:01:04.749 really felt intense about research,
NOTE Confidence: 0.960380338

01:01:04.750 --> 01:01:05.348 that's fine.
NOTE Confidence: 0.960380338

01:01:05.348 --> 01:01:07.740 But a lot of the research that you
NOTE Confidence: 0.960380338

01:01:07.813 --> 01:01:09.723 think may enhance your application
NOTE Confidence: 0.960380338

01:01:09.723 --> 01:01:12.081 is what we'll call bubble gum
NOTE Confidence: 0.960380338

01:01:12.081 --> 01:01:14.337 Research is research that you were
NOTE Confidence: 0.960380338

01:01:14.337 --> 01:01:16.170 not really producing anything that
NOTE Confidence: 0.960380338

01:01:16.170 --> 01:01:18.270 didn't show a lot of innovation.
NOTE Confidence: 0.960380338

01:01:18.270 --> 01:01:20.142 That was something you just did
NOTE Confidence: 0.960380338

01:01:20.142 --> 01:01:22.430 in order to make your CV better.
NOTE Confidence: 0.960380338

01:01:22.430 --> 01:01:24.626 And if that's what you really want to do,
NOTE Confidence: 0.960380338

01:01:24.630 --> 01:01:25.310 that's fine.
NOTE Confidence: 0.960380338

01:01:25.310 --> 01:01:28.030 But that's not the kind of research that.
NOTE Confidence: 0.960380338

01:01:28.030 --> 01:01:29.880 That is productive in the

NOTE Confidence: 0.960380338

01:01:29.880 --> 01:01:30.990 field of neurosurgery.

NOTE Confidence: 0.960380338

01:01:30.990 --> 01:01:32.510 The research that's productive in

NOTE Confidence: 0.960380338

01:01:32.510 --> 01:01:34.443 the field of neurosurgery is seeing

NOTE Confidence: 0.960380338

01:01:34.443 --> 01:01:36.915 some aspect of the puzzle that you

NOTE Confidence: 0.960380338

01:01:36.915 --> 01:01:39.589 think can be solved in a better way.

NOTE Confidence: 0.960380338

01:01:39.590 --> 01:01:41.402 And whether that's clinical

NOTE Confidence: 0.960380338

01:01:41.402 --> 01:01:43.214 research or laboratory research

NOTE Confidence: 0.960380338

01:01:43.214 --> 01:01:45.827 or a combination of the two.

NOTE Confidence: 0.960380338

01:01:45.830 --> 01:01:47.695 That's what's important in terms

NOTE Confidence: 0.960380338

01:01:47.695 --> 01:01:49.560 of the application for residency

NOTE Confidence: 0.960380338

01:01:49.619 --> 01:01:51.824 is to show that you're really into

NOTE Confidence: 0.960380338

01:01:51.824 --> 01:01:53.350 something other than medicine.

NOTE Confidence: 0.95199417

01:01:55.180 --> 01:01:57.856 Thank you very much. That's fantastic.

NOTE Confidence: 0.95199417

01:01:57.860 --> 01:01:58.820 As you perhaps alluded to,

NOTE Confidence: 0.95199417

01:01:58.820 --> 01:02:00.990 there was a question just

NOTE Confidence: 0.95199417

01:02:00.990 --> 01:02:02.620 submitted by Tyrone Dispenza.
NOTE Confidence: 0.95199417

01:02:02.620 --> 01:02:04.900 I'll read that question to you
NOTE Confidence: 0.95199417

01:02:04.900 --> 01:02:06.979 and you can reflect on it.
NOTE Confidence: 0.95199417

01:02:06.980 --> 01:02:08.980 I want to extend it on it a little bit.
NOTE Confidence: 0.95199417

01:02:08.980 --> 01:02:11.563 The question is what advice do you have for
NOTE Confidence: 0.95199417

01:02:11.563 --> 01:02:13.700 launching a research program with Neurosur,
NOTE Confidence: 0.95199417

01:02:13.700 --> 01:02:16.298 with a neurosurgical practice from Tyrone?
NOTE Confidence: 0.95199417

01:02:16.300 --> 01:02:18.118 And I want to, there was a number of
NOTE Confidence: 0.95199417

01:02:18.118 --> 01:02:19.737 questions that were submitted beforehand.
NOTE Confidence: 0.95199417

01:02:19.740 --> 01:02:21.426 One of them was what do
NOTE Confidence: 0.95199417

01:02:21.426 --> 01:02:23.350 you make of the arms race?
NOTE Confidence: 0.95199417

01:02:23.350 --> 01:02:26.102 In in neurosurgically related
NOTE Confidence: 0.95199417

01:02:26.102 --> 01:02:28.990 research as it applies to students
NOTE Confidence: 0.95199417

01:02:28.990 --> 01:02:30.310 applying into neurosurgery.
NOTE Confidence: 0.9452853

01:02:32.670 --> 01:02:36.828 My some remote insight into this.
NOTE Confidence: 0.9452853

01:02:36.830 --> 01:02:38.545 My my wife is the smart one.

NOTE Confidence: 0.9452853

01:02:38.550 --> 01:02:40.734 She's the one of the assistant Deans at

NOTE Confidence: 0.9452853

01:02:40.734 --> 01:02:42.885 the medical school at the University of

NOTE Confidence: 0.9452853

01:02:42.885 --> 01:02:44.958 Pittsburgh and she comments on the fact

NOTE Confidence: 0.9452853

01:02:44.958 --> 01:02:47.857 that since step one was made pass fail.

NOTE Confidence: 0.9452853

01:02:47.860 --> 01:02:50.700 They've seen a palpable increase,

NOTE Confidence: 0.9452853

01:02:50.700 --> 01:02:53.766 and she administers one of the research

NOTE Confidence: 0.9452853

01:02:53.766 --> 01:02:56.336 programs where they can accept a certain

NOTE Confidence: 0.9452853

01:02:56.336 --> 01:02:57.644 number of people into funded research

NOTE Confidence: 0.9452853

01:02:57.644 --> 01:02:59.179 positions at the University of Pittsburgh.

NOTE Confidence: 0.9452853

01:02:59.180 --> 01:03:00.832 While they're medical students,

NOTE Confidence: 0.9452853

01:03:00.832 --> 01:03:02.484 and especially areas like

NOTE Confidence: 0.9452853

01:03:02.484 --> 01:03:04.220 plastic surgery near a surgery,

NOTE Confidence: 0.9452853

01:03:04.220 --> 01:03:06.620 a few others where medical students

NOTE Confidence: 0.9452853

01:03:06.620 --> 01:03:08.425 perceive like, well, hold on.

NOTE Confidence: 0.9452853

01:03:08.425 --> 01:03:10.100 Step one's now pass fail.

NOTE Confidence: 0.9452853

01:03:10.100 --> 01:03:12.820 Say I'm at a medical school like Yale or PET.

NOTE Confidence: 0.9452853

01:03:12.820 --> 01:03:16.250 That's largely pass fail or not graded.

NOTE Confidence: 0.9452853

01:03:16.250 --> 01:03:17.769 Holy cow. By the time I'm I'm,

NOTE Confidence: 0.9452853

01:03:17.770 --> 01:03:19.636 I'm going to be deep into

NOTE Confidence: 0.9452853

01:03:19.636 --> 01:03:20.569 that application process.

NOTE Confidence: 0.9452853

01:03:20.570 --> 01:03:21.926 How do you, how do you,

NOTE Confidence: 0.9452853

01:03:21.930 --> 01:03:24.150 how are these faculty going to

NOTE Confidence: 0.9452853

01:03:24.150 --> 01:03:25.630 distinguish somebody who's just

NOTE Confidence: 0.9452853

01:03:25.697 --> 01:03:27.607 enthusiastic and bright and who,

NOTE Confidence: 0.9452853

01:03:27.610 --> 01:03:29.686 as as Howard says, may have,

NOTE Confidence: 0.9452853

01:03:29.690 --> 01:03:30.258 you know,

NOTE Confidence: 0.9452853

01:03:30.258 --> 01:03:31.678 an intense interest in something

NOTE Confidence: 0.9452853

01:03:31.678 --> 01:03:32.530 outside the field?

NOTE Confidence: 0.9452853

01:03:32.530 --> 01:03:34.098 And so there's there's,

NOTE Confidence: 0.9452853

01:03:34.098 --> 01:03:36.560 I think students feel quite compelled.

NOTE Confidence: 0.9452853

01:03:36.560 --> 01:03:38.114 To I mean literally in the first

NOTE Confidence: 0.9452853

01:03:38.114 --> 01:03:39.516 month of medical school they're

NOTE Confidence: 0.9452853

01:03:39.516 --> 01:03:40.880 approaching my wife's program.

NOTE Confidence: 0.9452853

01:03:40.880 --> 01:03:42.595 Like I want to get very serious.

NOTE Confidence: 0.9452853

01:03:42.600 --> 01:03:44.690 I want to hook up with a with a credible

NOTE Confidence: 0.9452853

01:03:44.743 --> 01:03:46.514 minch when I want to move forward.

NOTE Confidence: 0.9452853

01:03:46.520 --> 01:03:48.280 What would you say to the medical students,

NOTE Confidence: 0.9452853

01:03:48.280 --> 01:03:50.020 a second or third year medical

NOTE Confidence: 0.9452853

01:03:50.020 --> 01:03:52.167 student at Yale and his sort of you

NOTE Confidence: 0.9452853

01:03:52.167 --> 01:03:53.972 know taking the time to figure out

NOTE Confidence: 0.9452853

01:03:53.972 --> 01:03:55.933 what they want to do and perhaps

NOTE Confidence: 0.9452853

01:03:55.933 --> 01:03:57.637 if not they've done other things

NOTE Confidence: 0.9452853

01:03:57.637 --> 01:03:59.942 but they've not been applied into

NOTE Confidence: 0.9452853

01:03:59.942 --> 01:04:02.597 neurosurgical research or any research.

NOTE Confidence: 0.9452853

01:04:02.600 --> 01:04:03.218 Is this is,

NOTE Confidence: 0.9452853

01:04:03.218 --> 01:04:05.001 is there an arms race in the application

NOTE Confidence: 0.9452853

01:04:05.001 --> 01:04:07.017 process so any of you who are
NOTE Confidence: 0.9452853

01:04:07.017 --> 01:04:08.677 interested can can respond to that.
NOTE Confidence: 0.938240853

01:04:10.920 --> 01:04:12.280 Yeah, on a national,
NOTE Confidence: 0.938240853

01:04:12.280 --> 01:04:14.790 this is a great question and it's applies
NOTE Confidence: 0.938240853

01:04:14.790 --> 01:04:16.435 to every field as you mentioned Paul,
NOTE Confidence: 0.938240853

01:04:16.440 --> 01:04:18.736 I think on a national level we've looked
NOTE Confidence: 0.938240853

01:04:18.736 --> 01:04:21.022 at this and and tried to you've even
NOTE Confidence: 0.938240853

01:04:21.022 --> 01:04:23.680 seen some of this in social media recently.
NOTE Confidence: 0.938240853

01:04:23.680 --> 01:04:24.688 Defuse the arms race.
NOTE Confidence: 0.938240853

01:04:24.688 --> 01:04:26.904 And to get a little bit about what
NOTE Confidence: 0.938240853

01:04:26.904 --> 01:04:28.432 Howard was saying, it's, you know,
NOTE Confidence: 0.938240853

01:04:28.432 --> 01:04:29.648 it's quality, not quantity.
NOTE Confidence: 0.938240853

01:04:29.648 --> 01:04:31.488 Although, you know, it's very,
NOTE Confidence: 0.938240853

01:04:31.488 --> 01:04:33.476 very obvious if a student has just
NOTE Confidence: 0.938240853

01:04:33.476 --> 01:04:35.770 put their name on a bunch of case
NOTE Confidence: 0.938240853

01:04:35.770 --> 01:04:37.598 reports that don't move the needle.

NOTE Confidence: 0.938240853

01:04:37.600 --> 01:04:39.888 We at MGA chat, we we haven't been

NOTE Confidence: 0.938240853

01:04:39.888 --> 01:04:42.118 looking at board scores for a while.

NOTE Confidence: 0.938240853

01:04:42.120 --> 01:04:43.919 I've never believed that it means anything.

NOTE Confidence: 0.938240853

01:04:43.920 --> 01:04:46.720 And that's probably the Yale system in me.

NOTE Confidence: 0.938240853

01:04:46.720 --> 01:04:48.491 So I I'm not totally at a

NOTE Confidence: 0.938240853

01:04:48.491 --> 01:04:49.989 loss for not having it.

NOTE Confidence: 0.938240853

01:04:49.990 --> 01:04:51.310 We look at the whole application.

NOTE Confidence: 0.938240853

01:04:51.310 --> 01:04:53.190 We actually really do read all of them.

NOTE Confidence: 0.938240853

01:04:53.190 --> 01:04:56.638 The things we actually look for are people

NOTE Confidence: 0.938240853

01:04:56.638 --> 01:04:58.948 excelling at whatever their own passion is,

NOTE Confidence: 0.938240853

01:04:58.950 --> 01:05:01.398 an interest as opposed to some random thing

NOTE Confidence: 0.938240853

01:05:01.398 --> 01:05:03.428 that they're doing for an application.

NOTE Confidence: 0.938240853

01:05:03.430 --> 01:05:05.800 And and it's it's the, you know,

NOTE Confidence: 0.938240853

01:05:05.800 --> 01:05:06.670 it's like a plan at Yale.

NOTE Confidence: 0.938240853

01:05:06.670 --> 01:05:07.404 It's very,

NOTE Confidence: 0.938240853

01:05:07.404 --> 01:05:08.872 very obvious who's gaming
NOTE Confidence: 0.938240853

01:05:08.872 --> 01:05:10.670 the system and who's not.
NOTE Confidence: 0.938240853

01:05:10.670 --> 01:05:13.628 And that can sometimes be research.
NOTE Confidence: 0.938240853

01:05:13.630 --> 01:05:14.814 That can often be.
NOTE Confidence: 0.938240853

01:05:14.814 --> 01:05:16.294 The question is usually not
NOTE Confidence: 0.938240853

01:05:16.294 --> 01:05:17.428 should I do research,
NOTE Confidence: 0.938240853

01:05:17.430 --> 01:05:19.572 It's usually should I do a year
NOTE Confidence: 0.938240853

01:05:19.572 --> 01:05:21.534 off because I'm not an MDPHD
NOTE Confidence: 0.938240853

01:05:21.534 --> 01:05:23.870 or whatever the circumstances.
NOTE Confidence: 0.938240853

01:05:23.870 --> 01:05:26.526 But if you look at our resident applicants,
NOTE Confidence: 0.938240853

01:05:26.526 --> 01:05:28.866 only half have some type
NOTE Confidence: 0.938240853

01:05:28.866 --> 01:05:30.710 of legitimate extra time,
NOTE Confidence: 0.938240853

01:05:30.710 --> 01:05:32.942 either as a fifth year or as a PhD.
NOTE Confidence: 0.938240853

01:05:32.950 --> 01:05:35.478 So there are people who go straight through.
NOTE Confidence: 0.938240853

01:05:35.480 --> 01:05:37.559 We often just want somebody to to
NOTE Confidence: 0.938240853

01:05:37.559 --> 01:05:39.558 excel at the things they really

NOTE Confidence: 0.938240853

01:05:39.558 --> 01:05:41.994 love and it's very obvious And yes,

NOTE Confidence: 0.938240853

01:05:42.000 --> 01:05:43.272 I I can't remember who said

NOTE Confidence: 0.938240853

01:05:43.272 --> 01:05:44.120 this on the panel,

NOTE Confidence: 0.938240853

01:05:44.120 --> 01:05:46.661 but often the people who are the

NOTE Confidence: 0.938240853

01:05:46.661 --> 01:05:48.642 strongest residents are the ones who

NOTE Confidence: 0.938240853

01:05:48.642 --> 01:05:51.446 have a healthy bounce of something else

NOTE Confidence: 0.938240853

01:05:51.446 --> 01:05:54.375 outside of neurosurgery or being a a

NOTE Confidence: 0.938240853

01:05:54.375 --> 01:05:56.320 Med student who loves neurosurgery.

NOTE Confidence: 0.938240853

01:05:56.320 --> 01:05:58.180 And that brings that wealth of

NOTE Confidence: 0.938240853

01:05:58.180 --> 01:05:59.770 experience on the other hand.

NOTE Confidence: 0.938240853

01:05:59.770 --> 01:06:01.370 It's not a secret, right?

NOTE Confidence: 0.938240853

01:06:01.370 --> 01:06:03.050 Every field wants to know how.

NOTE Confidence: 0.938240853

01:06:03.050 --> 01:06:04.730 And you came about thinking

NOTE Confidence: 0.938240853

01:06:04.730 --> 01:06:06.410 to go into that field.

NOTE Confidence: 0.938240853

01:06:06.410 --> 01:06:07.978 It shouldn't just be like I thought

NOTE Confidence: 0.938240853

01:06:07.978 --> 01:06:09.916 it was cool or the surgeries
NOTE Confidence: 0.938240853

01:06:09.916 --> 01:06:12.448 are tough or whatever it is.
NOTE Confidence: 0.938240853

01:06:12.450 --> 01:06:13.938 And so that,
NOTE Confidence: 0.938240853

01:06:13.938 --> 01:06:14.930 you know,
NOTE Confidence: 0.938240853

01:06:14.930 --> 01:06:16.800 demonstrating that you not only
NOTE Confidence: 0.938240853

01:06:16.800 --> 01:06:18.670 understand that fields but frankly
NOTE Confidence: 0.938240853

01:06:18.729 --> 01:06:20.427 are trying to do something for
NOTE Confidence: 0.938240853

01:06:20.427 --> 01:06:21.915 that field both for yourself
NOTE Confidence: 0.938240853

01:06:21.915 --> 01:06:23.973 and for others will help you no
NOTE Confidence: 0.938240853

01:06:23.973 --> 01:06:25.486 matter what specialty you go into.
NOTE Confidence: 0.938240853

01:06:25.486 --> 01:06:27.090 And that's often what we look for.
NOTE Confidence: 0.910546405

01:06:28.230 --> 01:06:29.606 Yeah, I mean I I think to follow
NOTE Confidence: 0.910546405

01:06:29.606 --> 01:06:30.950 up on what Brian just said,
NOTE Confidence: 0.910546405

01:06:30.950 --> 01:06:32.588 I think that that's the critical thing.
NOTE Confidence: 0.910546405

01:06:32.590 --> 01:06:37.550 I remember interviewing a a resident
NOTE Confidence: 0.910546405

01:06:37.550 --> 01:06:40.550 applicant at Pitt who had like

NOTE Confidence: 0.958703166666667
01:06:43.070 --> 01:06:45.746 8080 something publications as a resident,
NOTE Confidence: 0.958703166666667
01:06:45.750 --> 01:06:46.830 as a as a medical student.
NOTE Confidence: 0.958703166666667
01:06:46.830 --> 01:06:49.102 And you know, I just kind of flipped
NOTE Confidence: 0.958703166666667
01:06:49.102 --> 01:06:51.032 through the middle to the middle page
NOTE Confidence: 0.958703166666667
01:06:51.032 --> 01:06:53.351 and I said tell me about this article.
NOTE Confidence: 0.958703166666667
01:06:53.351 --> 01:06:55.156 You know, what was it?
NOTE Confidence: 0.958703166666667
01:06:55.160 --> 01:06:56.396 What was the point of it?
NOTE Confidence: 0.958703166666667
01:06:56.400 --> 01:06:58.318 And he just kind of started stuttering,
NOTE Confidence: 0.958703166666667
01:06:58.320 --> 01:06:59.920 right. And so, you know,
NOTE Confidence: 0.958703166666667
01:06:59.920 --> 01:07:03.672 suddenly those 80, you know,
NOTE Confidence: 0.958703166666667
01:07:03.672 --> 01:07:06.052 publications meant nothing compared to
NOTE Confidence: 0.958703166666667
01:07:06.052 --> 01:07:08.386 someone who had three legitimate applications
NOTE Confidence: 0.958703166666667
01:07:08.386 --> 01:07:10.680 in an area they were really interested in.
NOTE Confidence: 0.958703166666667
01:07:10.680 --> 01:07:12.395 And so I think you know what,
NOTE Confidence: 0.958703166666667
01:07:12.400 --> 01:07:13.880 what you're really looking for.
NOTE Confidence: 0.958703166666667

01:07:13.880 --> 01:07:16.634 I mean, I think the arms race is overblown.

NOTE Confidence: 0.958703166666667

01:07:16.640 --> 01:07:17.840 I think that it's, you know,

NOTE Confidence: 0.958703166666667

01:07:17.840 --> 01:07:20.344 it's it's the kind of thing where you know,

NOTE Confidence: 0.958703166666667

01:07:20.344 --> 01:07:21.520 people, you know,

NOTE Confidence: 0.958703166666667

01:07:21.520 --> 01:07:23.692 it's it's created within.

NOTE Confidence: 0.958703166666667

01:07:23.692 --> 01:07:27.180 You know by often by,

NOTE Confidence: 0.958703166666667

01:07:27.180 --> 01:07:29.740 you know there's a culture where people

NOTE Confidence: 0.958703166666667

01:07:29.740 --> 01:07:31.338 are just like oh you have to do this,

NOTE Confidence: 0.958703166666667

01:07:31.340 --> 01:07:31.860 you have to do more,

NOTE Confidence: 0.958703166666667

01:07:31.860 --> 01:07:33.250 you have to do more and then it just kind

NOTE Confidence: 0.958703166666667

01:07:33.286 --> 01:07:34.776 of it's you know so it's like being pre Med.

NOTE Confidence: 0.958703166666667

01:07:34.780 --> 01:07:36.865 You have to like get in in Orgo and then

NOTE Confidence: 0.958703166666667

01:07:36.865 --> 01:07:38.576 you have to do this and you have to do,

NOTE Confidence: 0.958703166666667

01:07:38.580 --> 01:07:40.596 you know it's like just like it's

NOTE Confidence: 0.958703166666667

01:07:40.596 --> 01:07:42.654 it's it's totally overblown and what

NOTE Confidence: 0.958703166666667

01:07:42.654 --> 01:07:45.806 you really want is someone who has a

NOTE Confidence: 0.958703166666667
01:07:45.806 --> 01:07:48.458 genuine passion about neurosurgery.
NOTE Confidence: 0.958703166666667
01:07:48.460 --> 01:07:50.658 I mean because there are people who.
NOTE Confidence: 0.958703166666667
01:07:50.660 --> 01:07:52.676 You know aren't in nursery just because
NOTE Confidence: 0.958703166666667
01:07:52.676 --> 01:07:54.545 they think it's cool right and and
NOTE Confidence: 0.958703166666667
01:07:54.545 --> 01:07:56.279 and I think that's what we don't
NOTE Confidence: 0.958703166666667
01:07:56.279 --> 01:07:58.113 want in nursery like we want people
NOTE Confidence: 0.958703166666667
01:07:58.113 --> 01:08:00.725 who you know really love the idea of
NOTE Confidence: 0.958703166666667
01:08:00.725 --> 01:08:03.388 the brain of operating on the brain
NOTE Confidence: 0.958703166666667
01:08:03.388 --> 01:08:06.255 who find the nervous system to be
NOTE Confidence: 0.958703166666667
01:08:06.255 --> 01:08:08.570 compelling and and I I I mean I think
NOTE Confidence: 0.958703166666667
01:08:08.570 --> 01:08:11.079 I can I can tell those people when I
NOTE Confidence: 0.958703166666667
01:08:11.079 --> 01:08:13.857 when I talk to them I mean you know
NOTE Confidence: 0.958703166666667
01:08:13.857 --> 01:08:17.928 they they they exude a certain amount of.
NOTE Confidence: 0.958703166666667
01:08:17.930 --> 01:08:19.025 You know passion.
NOTE Confidence: 0.958703166666667
01:08:19.025 --> 01:08:20.485 Some of them are,
NOTE Confidence: 0.958703166666667

01:08:20.490 --> 01:08:22.070 you know, you know,
NOTE Confidence: 0.958703166666667

01:08:22.070 --> 01:08:25.570 it's sometimes passion is like, you know,
NOTE Confidence: 0.958703166666667

01:08:25.570 --> 01:08:28.168 intense and sometimes it's a quiet,
NOTE Confidence: 0.958703166666667

01:08:28.170 --> 01:08:29.626 sort of confident passion.
NOTE Confidence: 0.958703166666667

01:08:29.626 --> 01:08:31.446 But but you see it.
NOTE Confidence: 0.958703166666667

01:08:31.450 --> 01:08:33.501 You see the fact that they really
NOTE Confidence: 0.958703166666667

01:08:33.501 --> 01:08:35.650 want to do this and they've
NOTE Confidence: 0.958703166666667

01:08:35.650 --> 01:08:37.650 spent time thinking about this.
NOTE Confidence: 0.958703166666667

01:08:37.650 --> 01:08:38.604 And, you know,
NOTE Confidence: 0.958703166666667

01:08:38.604 --> 01:08:41.648 I think just being on this panel says a lot,
NOTE Confidence: 0.958703166666667

01:08:41.650 --> 01:08:43.785 right? Like it says that you are.
NOTE Confidence: 0.958703166666667

01:08:43.790 --> 01:08:44.130 Invested.
NOTE Confidence: 0.958703166666667

01:08:44.130 --> 01:08:45.830 You want to learn about,
NOTE Confidence: 0.958703166666667

01:08:45.830 --> 01:08:47.750 you know the the the the field itself.
NOTE Confidence: 0.958703166666667

01:08:47.750 --> 01:08:51.450 So I think yeah I think the arms
NOTE Confidence: 0.958703166666667

01:08:51.450 --> 01:08:53.708 race is is overblown and I think

NOTE Confidence: 0.958703166666667

01:08:53.708 --> 01:08:57.862 that you find a a variety of of of

NOTE Confidence: 0.958703166666667

01:08:57.862 --> 01:09:02.090 of applicant types at every single

NOTE Confidence: 0.958703166666667

01:09:02.090 --> 01:09:04.590 institution and and and and and

NOTE Confidence: 0.958703166666667

01:09:04.590 --> 01:09:06.520 and really you know one just needs

NOTE Confidence: 0.958703166666667

01:09:06.520 --> 01:09:08.365 to concentrate on themselves and.

NOTE Confidence: 0.958703166666667

01:09:08.370 --> 01:09:10.470 I think about what what makes you

NOTE Confidence: 0.958703166666667

01:09:10.470 --> 01:09:11.645 interested in neurosurgery and

NOTE Confidence: 0.958703166666667

01:09:11.645 --> 01:09:13.027 and what you're good at within

NOTE Confidence: 0.958703166666667

01:09:13.027 --> 01:09:14.312 neurosurgery and what you're interested

NOTE Confidence: 0.958703166666667

01:09:14.312 --> 01:09:15.930 in it could be gun violence.

NOTE Confidence: 0.958703166666667

01:09:15.930 --> 01:09:16.688 You know,

NOTE Confidence: 0.958703166666667

01:09:16.688 --> 01:09:19.341 that's taking you know a huge center

NOTE Confidence: 0.958703166666667

01:09:19.341 --> 01:09:21.873 stage and and because we deal with

NOTE Confidence: 0.958703166666667

01:09:21.873 --> 01:09:25.416 with with gun trauma it could be you

NOTE Confidence: 0.958703166666667

01:09:25.416 --> 01:09:27.680 know studying molecular mechanisms

NOTE Confidence: 0.958703166666667

01:09:27.680 --> 01:09:30.510 of you know carcinogenesis or
NOTE Confidence: 0.9484301125

01:09:30.593 --> 01:09:33.089 you know spinal cord you know,
NOTE Confidence: 0.9484301125

01:09:33.090 --> 01:09:34.806 you know injury and and repair.
NOTE Confidence: 0.9484301125

01:09:34.810 --> 01:09:35.914 I mean there's a,
NOTE Confidence: 0.9484301125

01:09:35.914 --> 01:09:37.800 there's there's a ton of stuff so.
NOTE Confidence: 0.9484301125

01:09:37.800 --> 01:09:41.160 You know, I think my advice would be
NOTE Confidence: 0.9484301125

01:09:41.160 --> 01:09:43.780 find a thing that you are interested in,
NOTE Confidence: 0.9484301125

01:09:43.780 --> 01:09:46.650 focus on that and make that something
NOTE Confidence: 0.9484301125

01:09:46.650 --> 01:09:49.648 that you can talk about during the
NOTE Confidence: 0.9484301125

01:09:49.648 --> 01:09:51.673 application process and then and
NOTE Confidence: 0.9484301125

01:09:51.673 --> 01:09:54.144 then and then get involved with the
NOTE Confidence: 0.9484301125

01:09:54.144 --> 01:09:56.904 rest of the department and and and
NOTE Confidence: 0.9484301125

01:09:56.904 --> 01:09:59.400 see if you can help out with other
NOTE Confidence: 0.9484301125

01:09:59.400 --> 01:10:00.820 publications where people or other
NOTE Confidence: 0.9484301125

01:10:00.820 --> 01:10:02.240 people might be primary authors.
NOTE Confidence: 0.9484301125

01:10:02.240 --> 01:10:06.660 But don't spend your entire, you know?

NOTE Confidence: 0.9484301125

01:10:06.660 --> 01:10:08.346 Medical school career trying to get

NOTE Confidence: 0.9484301125

01:10:08.346 --> 01:10:10.284 your name on every single paper cuz

NOTE Confidence: 0.9484301125

01:10:10.284 --> 01:10:12.435 that's like that you can you see right

NOTE Confidence: 0.9484301125

01:10:12.435 --> 01:10:14.524 through that especially the at the

NOTE Confidence: 0.9484301125

01:10:14.524 --> 01:10:17.060 at the you know high end programs.

NOTE Confidence: 0.9484301125

01:10:17.060 --> 01:10:20.057 So that would be my my advice about that.

NOTE Confidence: 0.935679216363636

01:10:21.220 --> 01:10:22.276 Heather did you have a comment

NOTE Confidence: 0.935679216363636

01:10:22.276 --> 01:10:25.060 or was that a hand? Yeah

NOTE Confidence: 0.945742620909091

01:10:25.060 --> 01:10:26.315 I completely agree with the

NOTE Confidence: 0.945742620909091

01:10:26.315 --> 01:10:27.900 comments are made on social media.

NOTE Confidence: 0.945742620909091

01:10:27.900 --> 01:10:29.495 There was actually an interesting

NOTE Confidence: 0.945742620909091

01:10:29.495 --> 01:10:31.941 post I think it was by Lola

NOTE Confidence: 0.945742620909091

01:10:31.941 --> 01:10:33.509 Chambliss who's the Vanderbilt

NOTE Confidence: 0.945742620909091

01:10:33.509 --> 01:10:35.380 program director about how the.

NOTE Confidence: 0.945742620909091

01:10:35.380 --> 01:10:37.045 Number of publications is skewed

NOTE Confidence: 0.945742620909091

01:10:37.045 --> 01:10:39.499 and so the mean is super high,
NOTE Confidence: 0.945742620909091

01:10:39.500 --> 01:10:40.816 but if you looked at the median,
NOTE Confidence: 0.945742620909091

01:10:40.820 --> 01:10:41.675 it's much lower.
NOTE Confidence: 0.945742620909091

01:10:41.675 --> 01:10:43.100 So there's there's certain candidates
NOTE Confidence: 0.945742620909091

01:10:43.100 --> 01:10:44.899 that have tons and tons and tons like
NOTE Confidence: 0.945742620909091

01:10:44.899 --> 01:10:46.677 some of the ones that Duke is talking
NOTE Confidence: 0.945742620909091

01:10:46.677 --> 01:10:48.340 about where you're not even sure how
NOTE Confidence: 0.945742620909091

01:10:48.340 --> 01:10:50.260 much they did on any of these papers
NOTE Confidence: 0.945742620909091

01:10:50.260 --> 01:10:51.940 that sort of skewed the average number.
NOTE Confidence: 0.945742620909091

01:10:51.940 --> 01:10:54.172 So I I think for a student who's
NOTE Confidence: 0.945742620909091

01:10:54.172 --> 01:10:55.580 interested in neurosurgery,
NOTE Confidence: 0.945742620909091

01:10:55.580 --> 01:10:58.093 it's really important to spend time with
NOTE Confidence: 0.945742620909091

01:10:58.093 --> 01:11:00.780 the residents and not just going to the OR,
NOTE Confidence: 0.945742620909091

01:11:00.780 --> 01:11:01.827 but also like.
NOTE Confidence: 0.945742620909091

01:11:01.827 --> 01:11:04.687 Taking call with them and seeing what it
NOTE Confidence: 0.945742620909091

01:11:04.687 --> 01:11:07.095 is like to be a neurosurgery resident.

NOTE Confidence: 0.945742620909091
01:11:07.100 --> 01:11:08.468 The the sort of work life
NOTE Confidence: 0.945742620909091
01:11:08.468 --> 01:11:09.380 balance we've talked about.
NOTE Confidence: 0.945742620909091
01:11:09.380 --> 01:11:10.703 I'll admit it's a lot easier once
NOTE Confidence: 0.945742620909091
01:11:10.703 --> 01:11:11.863 you're a faculty and you're trying
NOTE Confidence: 0.945742620909091
01:11:11.863 --> 01:11:13.158 to figure out what job you want
NOTE Confidence: 0.945742620909091
01:11:13.199 --> 01:11:14.389 and how you want to balance your
NOTE Confidence: 0.945742620909091
01:11:14.389 --> 01:11:15.896 life than it is in residency.
NOTE Confidence: 0.945742620909091
01:11:15.896 --> 01:11:17.888 The seven years of residency are
NOTE Confidence: 0.945742620909091
01:11:17.888 --> 01:11:20.312 pretty long and are intense and you're
NOTE Confidence: 0.945742620909091
01:11:20.312 --> 01:11:22.439 working really long hours and don't
NOTE Confidence: 0.945742620909091
01:11:22.439 --> 01:11:24.219 always have control over things,
NOTE Confidence: 0.945742620909091
01:11:24.220 --> 01:11:26.776 but you can still try to have a balance,
NOTE Confidence: 0.945742620909091
01:11:26.780 --> 01:11:29.550 but it's not as easy.
NOTE Confidence: 0.945742620909091
01:11:29.550 --> 01:11:31.510 But I think that in turn, you know,
NOTE Confidence: 0.945742620909091
01:11:31.510 --> 01:11:34.150 when I look at an application,
NOTE Confidence: 0.945742620909091

01:11:34.150 --> 01:11:36.075 I similarly don't really care
NOTE Confidence: 0.945742620909091

01:11:36.075 --> 01:11:37.230 about board scores,
NOTE Confidence: 0.945742620909091

01:11:37.230 --> 01:11:39.494 but the but places use that as a
NOTE Confidence: 0.945742620909091

01:11:39.494 --> 01:11:41.909 cut off of who they'll interview.
NOTE Confidence: 0.945742620909091

01:11:41.910 --> 01:11:43.374 And I don't necessarily look at
NOTE Confidence: 0.945742620909091

01:11:43.374 --> 01:11:45.030 the total number of publications,
NOTE Confidence: 0.945742620909091

01:11:45.030 --> 01:11:47.830 but I want to know that someone really
NOTE Confidence: 0.945742620909091

01:11:47.830 --> 01:11:50.396 seems to understand what neurosurgery
NOTE Confidence: 0.945742620909091

01:11:50.396 --> 01:11:52.770 entails and seems like they would
NOTE Confidence: 0.945742620909091

01:11:52.770 --> 01:11:54.540 have a true love for neurosurgery
NOTE Confidence: 0.945742620909091

01:11:54.598 --> 01:11:56.208 and be willing to put up with.
NOTE Confidence: 0.945742620909091

01:11:56.210 --> 01:11:56.696 You know,
NOTE Confidence: 0.945742620909091

01:11:56.696 --> 01:11:57.911 the time commitment that it
NOTE Confidence: 0.945742620909091

01:11:57.911 --> 01:11:59.609 is and how intense it can be.
NOTE Confidence: 0.945742620909091

01:11:59.610 --> 01:12:01.418 And then I want to see in terms
NOTE Confidence: 0.945742620909091

01:12:01.418 --> 01:12:03.003 of research that they really are

NOTE Confidence: 0.945742620909091
01:12:03.003 --> 01:12:04.611 passionate about it and did it
NOTE Confidence: 0.945742620909091
01:12:04.673 --> 01:12:06.724 themselves that they can talk about it,
NOTE Confidence: 0.945742620909091
01:12:06.730 --> 01:12:09.290 that it's not just they were an author.
NOTE Confidence: 0.945742620909091
01:12:09.290 --> 01:12:10.688 So it's similar,
NOTE Confidence: 0.950317
01:12:11.970 --> 01:12:12.862 fabulous, fabulous.
NOTE Confidence: 0.950317
01:12:12.862 --> 01:12:15.266 So listen, I think I would
NOTE Confidence: 0.950317
01:12:15.266 --> 01:12:16.806 summarize all of your responses.
NOTE Confidence: 0.950317
01:12:16.810 --> 01:12:19.750 There's a sort of a similar theme
NOTE Confidence: 0.950317
01:12:19.750 --> 01:12:21.746 that it's authenticity, you know?
NOTE Confidence: 0.950317
01:12:21.746 --> 01:12:23.954 There's a lot of hoop jumping
NOTE Confidence: 0.950317
01:12:23.954 --> 01:12:25.742 that goes into, you know,
NOTE Confidence: 0.950317
01:12:25.742 --> 01:12:28.110 a lot of the route that we've taken,
NOTE Confidence: 0.950317
01:12:28.110 --> 01:12:29.390 young people, you know,
NOTE Confidence: 0.950317
01:12:29.390 --> 01:12:31.310 my son just applied to university.
NOTE Confidence: 0.950317
01:12:31.310 --> 01:12:32.900 There's a perception that there's a
NOTE Confidence: 0.950317

01:12:32.900 --> 01:12:34.464 lack of authenticity in the process
NOTE Confidence: 0.950317

01:12:34.464 --> 01:12:35.838 because there's such a amped up
NOTE Confidence: 0.950317

01:12:35.838 --> 01:12:37.510 sort of pressure chamber about it.
NOTE Confidence: 0.950317

01:12:37.510 --> 01:12:39.086 But I think that's what all of you
NOTE Confidence: 0.950317

01:12:39.086 --> 01:12:40.388 are looking for authenticity in,
NOTE Confidence: 0.950317

01:12:40.390 --> 01:12:42.946 in your efforts and your interests.
NOTE Confidence: 0.950317

01:12:42.950 --> 01:12:45.746 Brett Gu, medical student at Yale,
NOTE Confidence: 0.950317

01:12:45.750 --> 01:12:47.302 just submitted a question.
NOTE Confidence: 0.950317

01:12:47.302 --> 01:12:50.310 All our fields are changing all the time.
NOTE Confidence: 0.950317

01:12:50.310 --> 01:12:51.174 This question is.
NOTE Confidence: 0.950317

01:12:51.174 --> 01:12:53.190 Where do you see the future of
NOTE Confidence: 0.950317

01:12:53.254 --> 01:12:55.234 neurosurgery going and how can
NOTE Confidence: 0.950317

01:12:55.234 --> 01:12:57.214 trainees prepare for these changes?
NOTE Confidence: 0.950317

01:12:57.220 --> 01:12:57.882 Are there,
NOTE Confidence: 0.950317

01:12:57.882 --> 01:13:00.530 are there are there new things on the
NOTE Confidence: 0.950317

01:13:00.604 --> 01:13:03.322 horizon that are going to fundamentally

NOTE Confidence: 0.950317
01:13:03.322 --> 01:13:07.392 change neurosurgery in in the practice?
NOTE Confidence: 0.950317
01:13:07.392 --> 01:13:08.218 In odolaryngology,
NOTE Confidence: 0.950317
01:13:08.220 --> 01:13:10.460 head and neck cancer surgeons
NOTE Confidence: 0.950317
01:13:10.460 --> 01:13:13.900 for instance used to muse about.
NOTE Confidence: 0.8566507
01:13:15.960 --> 01:13:17.128 Advanced molecular
NOTE Confidence: 0.8566507
01:13:17.128 --> 01:13:18.880 treatments or chemoradiation,
NOTE Confidence: 0.8566507
01:13:18.880 --> 01:13:20.758 advancements in chemoradiation,
NOTE Confidence: 0.8566507
01:13:20.758 --> 01:13:22.636 more stereotactic radiation,
NOTE Confidence: 0.8566507
01:13:22.640 --> 01:13:24.608 would it, You could say maybe
NOTE Confidence: 0.8566507
01:13:24.608 --> 01:13:26.316 that's a defensive psychology but
NOTE Confidence: 0.8566507
01:13:26.316 --> 01:13:28.320 would it invalidate some of the
NOTE Confidence: 0.8566507
01:13:28.320 --> 01:13:29.879 surgical approaches that you know,
NOTE Confidence: 0.8566507
01:13:29.880 --> 01:13:31.840 you spent many years honing.
NOTE Confidence: 0.8566507
01:13:31.840 --> 01:13:33.052 I'm not sure if that's exactly
NOTE Confidence: 0.8566507
01:13:33.052 --> 01:13:34.280 what Brett was getting at at all.
NOTE Confidence: 0.8566507

01:13:34.280 --> 01:13:35.750 But I'm just are there new things

NOTE Confidence: 0.8566507

01:13:35.750 --> 01:13:37.256 coming in your surgery that if you

NOTE Confidence: 0.8566507

01:13:37.256 --> 01:13:38.760 were a young and and you're like,

NOTE Confidence: 0.8566507

01:13:38.760 --> 01:13:40.578 listen I'm on my way out but if I

NOTE Confidence: 0.8566507

01:13:40.578 --> 01:13:42.476 were a young and what kind of what

NOTE Confidence: 0.8566507

01:13:42.476 --> 01:13:43.986 kind of things might they want

NOTE Confidence: 0.8566507

01:13:43.986 --> 01:13:45.736 to be aware of things that may.

NOTE Confidence: 0.8566507

01:13:45.740 --> 01:13:47.260 You know, significantly change the

NOTE Confidence: 0.8566507

01:13:47.260 --> 01:13:48.780 practice in the coming decades.

NOTE Confidence: 0.9402536

01:13:54.740 --> 01:13:55.736 Anyone else want to take that?

NOTE Confidence: 0.9402536

01:13:55.740 --> 01:13:58.610 I mean I I would say that, you know,

NOTE Confidence: 0.9402536

01:13:58.610 --> 01:14:00.785 surgery is very interesting because

NOTE Confidence: 0.9402536

01:14:00.785 --> 01:14:03.496 there's a lot of what we do that

NOTE Confidence: 0.9402536

01:14:03.500 --> 01:14:05.860 can't be studied in an in an in

NOTE Confidence: 0.9402536

01:14:05.860 --> 01:14:08.219 a purely evidence based fashion.

NOTE Confidence: 0.9402536

01:14:08.220 --> 01:14:14.212 And and you know, you know,

NOTE Confidence: 0.9402536

01:14:14.212 --> 01:14:15.724 Doctor King can speak a little bit.

NOTE Confidence: 0.9402536

01:14:15.730 --> 01:14:16.966 More eloquently about this,

NOTE Confidence: 0.9402536

01:14:16.966 --> 01:14:19.289 but but one of the things that I,

NOTE Confidence: 0.9402536

01:14:19.290 --> 01:14:22.326 I really think is important is

NOTE Confidence: 0.9402536

01:14:22.330 --> 01:14:25.570 you know being able to you know

NOTE Confidence: 0.9402536

01:14:25.570 --> 01:14:28.450 understand that what you are doing

NOTE Confidence: 0.9402536

01:14:28.450 --> 01:14:30.431 in any field this applies to any

NOTE Confidence: 0.9402536

01:14:30.431 --> 01:14:32.412 any field is really adding value.

NOTE Confidence: 0.9402536

01:14:32.412 --> 01:14:34.117 But especially to surgery because

NOTE Confidence: 0.9402536

01:14:34.117 --> 01:14:36.230 you know we're not practicing based

NOTE Confidence: 0.9402536

01:14:36.230 --> 01:14:38.810 on you know a million randomized

NOTE Confidence: 0.9402536

01:14:38.810 --> 01:14:40.195 controlled trials and you know

NOTE Confidence: 0.9402536

01:14:40.195 --> 01:14:42.586 and and a lot of the randomized

NOTE Confidence: 0.9402536

01:14:42.586 --> 01:14:46.020 controlled trials are are flawed.

NOTE Confidence: 0.9402536

01:14:46.020 --> 01:14:47.900 You know in one way or another but

NOTE Confidence: 0.9402536

01:14:47.900 --> 01:14:50.660 but I think that I do think that one
NOTE Confidence: 0.9402536

01:14:50.660 --> 01:14:52.844 area that is really compelling and
NOTE Confidence: 0.9402536

01:14:52.844 --> 01:14:56.300 it's it really it kind of goes across
NOTE Confidence: 0.9402536

01:14:56.385 --> 01:14:59.457 all of the nursery school specialties
NOTE Confidence: 0.9402536

01:14:59.460 --> 01:15:02.724 and all of the research areas is the
NOTE Confidence: 0.9402536

01:15:02.724 --> 01:15:06.696 use and management of of of big data.
NOTE Confidence: 0.9402536

01:15:06.700 --> 01:15:08.692 You know so you don't want to just
NOTE Confidence: 0.9402536

01:15:08.692 --> 01:15:10.930 like you know the the the case report.
NOTE Confidence: 0.9402536

01:15:10.930 --> 01:15:13.885 Unless you're reporting on something
NOTE Confidence: 0.9402536

01:15:13.885 --> 01:15:16.690 that is incredibly novel, you know,
NOTE Confidence: 0.9402536

01:15:16.690 --> 01:15:18.450 it doesn't really add much to the field.
NOTE Confidence: 0.9402536

01:15:18.450 --> 01:15:20.934 But when you can gather, you know,
NOTE Confidence: 0.9402536

01:15:20.934 --> 01:15:22.950 a substantial amount of data, I mean,
NOTE Confidence: 0.9402536

01:15:22.950 --> 01:15:25.050 I remember Brian as a resident,
NOTE Confidence: 0.9402536

01:15:25.050 --> 01:15:27.370 I mean as a medical student running around,
NOTE Confidence: 0.9402536

01:15:27.370 --> 01:15:28.280 you know,

NOTE Confidence: 0.9402536

01:15:28.280 --> 01:15:31.010 that finding like aneurysm samples and,

NOTE Confidence: 0.9402536

01:15:31.010 --> 01:15:31.462 you know,

NOTE Confidence: 0.9402536

01:15:31.462 --> 01:15:32.818 collecting as many of this as

NOTE Confidence: 0.9402536

01:15:32.818 --> 01:15:34.123 possible and now that's like that

NOTE Confidence: 0.9402536

01:15:34.123 --> 01:15:35.323 was like the start of it.

NOTE Confidence: 0.9402536

01:15:35.330 --> 01:15:35.756 You know,

NOTE Confidence: 0.9402536

01:15:35.756 --> 01:15:37.514 like you don't want to just you don't

NOTE Confidence: 0.9402536

01:15:37.514 --> 01:15:39.950 want to publish on, you know, one.

NOTE Confidence: 0.9402536

01:15:39.950 --> 01:15:43.170 One patient you know you want to

NOTE Confidence: 0.9402536

01:15:43.268 --> 01:15:45.855 find 1000 patients somehow and and

NOTE Confidence: 0.9402536

01:15:45.855 --> 01:15:48.050 and understand what the outcome

NOTE Confidence: 0.9402536

01:15:48.124 --> 01:15:51.092 of those patients are or what the

NOTE Confidence: 0.9402536

01:15:51.092 --> 01:15:52.969 molecular alterations are and that's

NOTE Confidence: 0.9402536

01:15:52.969 --> 01:15:54.823 what guides you know there's always

NOTE Confidence: 0.9402536

01:15:54.823 --> 01:15:57.113 going to be you know that there's

NOTE Confidence: 0.9402536

01:15:57.113 --> 01:15:59.069 going to be more minimally invasive
NOTE Confidence: 0.9402536

01:15:59.130 --> 01:16:01.092 more you know they mean novel
NOTE Confidence: 0.9402536

01:16:01.092 --> 01:16:05.200 procedures robotic surgery and.
NOTE Confidence: 0.9402536

01:16:05.200 --> 01:16:08.415 You know you know within the last
NOTE Confidence: 0.9402536

01:16:08.415 --> 01:16:10.663 15 years you know vascular surgery
NOTE Confidence: 0.9402536

01:16:10.663 --> 01:16:13.081 has gone from being largely open
NOTE Confidence: 0.9402536

01:16:13.081 --> 01:16:15.480 you know vascular to endovascular.
NOTE Confidence: 0.9402536

01:16:15.480 --> 01:16:18.679 But the same surgeons that were doing
NOTE Confidence: 0.9402536

01:16:18.680 --> 01:16:21.086 you know open vascular you know
NOTE Confidence: 0.9402536

01:16:21.086 --> 01:16:24.360 surgery are now doing endovascular surgery.
NOTE Confidence: 0.9402536

01:16:24.360 --> 01:16:26.175 So they've adapted.
NOTE Confidence: 0.9402536

01:16:26.175 --> 01:16:28.595 So things will change.
NOTE Confidence: 0.9402536

01:16:28.600 --> 01:16:30.004 But I I I think that the, the,
NOTE Confidence: 0.9402536

01:16:30.004 --> 01:16:32.428 the the most important thing is
NOTE Confidence: 0.9402536

01:16:32.428 --> 01:16:34.224 just to you know.
NOTE Confidence: 0.9402536

01:16:34.224 --> 01:16:35.700 Answer the question,

NOTE Confidence: 0.9402536

01:16:35.700 --> 01:16:38.188 you know what is what I'm studying going

NOTE Confidence: 0.9402536

01:16:38.188 --> 01:16:40.935 to add value and I would say that the,

NOTE Confidence: 0.9402536

01:16:40.940 --> 01:16:41.241 the,

NOTE Confidence: 0.9402536

01:16:41.241 --> 01:16:41.542 the,

NOTE Confidence: 0.9402536

01:16:41.542 --> 01:16:43.649 the most critical way to to answer

NOTE Confidence: 0.9402536

01:16:43.649 --> 01:16:45.951 that question is just to really be

NOTE Confidence: 0.9402536

01:16:45.951 --> 01:16:48.930 as expansive in the in in your end in

NOTE Confidence: 0.9402536

01:16:49.015 --> 01:16:51.548 your sample size no matter what you

NOTE Confidence: 0.9402536

01:16:51.548 --> 01:16:53.428 do and and and that's something that

NOTE Confidence: 0.9402536

01:16:53.428 --> 01:16:55.140 gets taken for granted all the time.

NOTE Confidence: 0.9402536

01:16:55.140 --> 01:16:57.150 You know people will publish

NOTE Confidence: 0.9402536

01:16:57.150 --> 01:16:59.564 like you know 5 mutations that

NOTE Confidence: 0.9402536

01:16:59.564 --> 01:17:01.179 they found in a given

NOTE Confidence: 0.93824092

01:17:01.180 --> 01:17:02.960 you know tumor type but.

NOTE Confidence: 0.93824092

01:17:02.960 --> 01:17:04.200 But then we don't know

NOTE Confidence: 0.93824092

01:17:04.200 --> 01:17:05.192 what that actually means,
NOTE Confidence: 0.93824092

01:17:05.200 --> 01:17:07.352 you know so but but but that I
NOTE Confidence: 0.93824092

01:17:07.352 --> 01:17:09.004 think that's going to become
NOTE Confidence: 0.93824092

01:17:09.004 --> 01:17:11.190 more and more important both for
NOTE Confidence: 0.93824092

01:17:11.190 --> 01:17:13.165 validating the procedures that we
NOTE Confidence: 0.93824092

01:17:13.165 --> 01:17:15.128 do do and for comparing different
NOTE Confidence: 0.93824092

01:17:15.128 --> 01:17:16.880 types of procedures to each other.
NOTE Confidence: 0.940253536666667

01:17:21.240 --> 01:17:22.956 All right. Thank you very much.
NOTE Confidence: 0.940253536666667

01:17:22.960 --> 01:17:28.770 So we, we received a question.
NOTE Confidence: 0.940253536666667

01:17:28.770 --> 01:17:31.050 Again previous to this event
NOTE Confidence: 0.940253536666667

01:17:31.050 --> 01:17:34.600 asking about international I MG's
NOTE Confidence: 0.940253536666667

01:17:34.600 --> 01:17:36.730 international medical graduates.
NOTE Confidence: 0.940253536666667

01:17:36.730 --> 01:17:38.928 You know we have Yale undergraduates here.
NOTE Confidence: 0.940253536666667

01:17:38.930 --> 01:17:40.890 Perhaps we have somebody who's
NOTE Confidence: 0.940253536666667

01:17:40.890 --> 01:17:42.458 entertaining going to medical
NOTE Confidence: 0.940253536666667

01:17:42.458 --> 01:17:44.268 school elsewhere McGill or Europe

NOTE Confidence: 0.940253536666667

01:17:44.268 --> 01:17:46.206 or Latin America or what have you.

NOTE Confidence: 0.940253536666667

01:17:46.210 --> 01:17:48.667 Is there is there a role is it is

NOTE Confidence: 0.940253536666667

01:17:48.667 --> 01:17:50.671 there is it is it a tough road to

NOTE Confidence: 0.940253536666667

01:17:50.671 --> 01:17:52.850 hoe to come into New York surgery as

NOTE Confidence: 0.940253536666667

01:17:52.850 --> 01:17:54.410 an international medical graduate.

NOTE Confidence: 0.93824092

01:17:56.680 --> 01:17:59.592 And and and if so would you any

NOTE Confidence: 0.93824092

01:17:59.592 --> 01:18:01.752 specific advice One caveat I'll I'll

NOTE Confidence: 0.93824092

01:18:01.752 --> 01:18:04.601 mention here is that when I was at

NOTE Confidence: 0.93824092

01:18:04.601 --> 01:18:07.408 Yale medical School I I did some

NOTE Confidence: 0.93824092

01:18:07.408 --> 01:18:09.705 research in in a PhD researchers lab.

NOTE Confidence: 0.93824092

01:18:09.705 --> 01:18:12.112 Her name was Joan Stites and she

NOTE Confidence: 0.93824092

01:18:12.112 --> 01:18:15.010 was she was in some sort of a a

NOTE Confidence: 0.93824092

01:18:15.010 --> 01:18:17.600 joint sort of physical lab set up

NOTE Confidence: 0.93824092

01:18:17.600 --> 01:18:20.028 with them with a guy by the name

NOTE Confidence: 0.93824092

01:18:20.028 --> 01:18:22.063 of Rick Lifton and I think you're

NOTE Confidence: 0.93824092

01:18:22.063 --> 01:18:24.198 doctor Canal of of of fame at.
NOTE Confidence: 0.93824092

01:18:24.200 --> 01:18:25.128 You know medical school,
NOTE Confidence: 0.93824092

01:18:25.128 --> 01:18:26.774 I mean maybe I'm answering the question
NOTE Confidence: 0.93824092

01:18:26.774 --> 01:18:28.601 at a time but best as I understand he's
NOTE Confidence: 0.93824092

01:18:28.645 --> 01:18:30.301 a graduate of a fine medical school in
NOTE Confidence: 0.93824092

01:18:30.301 --> 01:18:31.959 Turkey and I don't think it's held him back.
NOTE Confidence: 0.93824092

01:18:31.960 --> 01:18:35.000 Now at some respects he may be also
NOTE Confidence: 0.93824092

01:18:35.000 --> 01:18:36.120 quite a remarkable individual.
NOTE Confidence: 0.93824092

01:18:36.120 --> 01:18:39.235 But any any thoughts about international
NOTE Confidence: 0.93824092

01:18:39.235 --> 01:18:41.312 medical graduates who aspire to be
NOTE Confidence: 0.93824092

01:18:41.312 --> 01:18:42.852 neurosurgeons at US training programs
NOTE Confidence: 0.93824092

01:18:42.852 --> 01:18:44.639 any any any thoughts of wisdom.
NOTE Confidence: 0.9100634

01:18:46.840 --> 01:18:46.940 I
NOTE Confidence: 0.94427896

01:18:51.540 --> 01:18:52.740 think that the the numbers
NOTE Confidence: 0.86973668

01:18:52.740 --> 01:18:55.460 clearly show you know that
NOTE Confidence: 0.86973668

01:18:55.460 --> 01:18:56.624 non-us medical graduates,

NOTE Confidence: 0.86973668

01:18:56.624 --> 01:18:58.564 you know have a much.

NOTE Confidence: 0.86973668

01:18:58.570 --> 01:18:59.900 More difficult time to getting

NOTE Confidence: 0.86973668

01:18:59.900 --> 01:19:02.185 acceptance to a neuro, you know getting

NOTE Confidence: 0.86973668

01:19:02.185 --> 01:19:03.805 a neurosurgical residency placement.

NOTE Confidence: 0.86973668

01:19:03.810 --> 01:19:05.105 You know you can't look at the

NOTE Confidence: 0.86973668

01:19:05.105 --> 01:19:06.476 numbers and and and deny that.

NOTE Confidence: 0.86973668

01:19:06.476 --> 01:19:08.072 I think that the the people

NOTE Confidence: 0.86973668

01:19:08.072 --> 01:19:09.570 that are are successful,

NOTE Confidence: 0.86973668

01:19:09.570 --> 01:19:11.358 that someone like Doctor Canal who's

NOTE Confidence: 0.86973668

01:19:11.358 --> 01:19:13.479 our chair now you know had already

NOTE Confidence: 0.86973668

01:19:13.479 --> 01:19:16.314 done you know had really excelled in

NOTE Confidence: 0.86973668

01:19:16.314 --> 01:19:19.353 Turkey in medical school and then he

NOTE Confidence: 0.86973668

01:19:19.353 --> 01:19:21.879 made a connection with Dennis Spencer.

NOTE Confidence: 0.86973668

01:19:21.880 --> 01:19:24.158 Who was our chair at the time and

NOTE Confidence: 0.86973668

01:19:24.158 --> 01:19:26.384 you know came over and started doing

NOTE Confidence: 0.86973668

01:19:26.384 --> 01:19:28.858 research work and ended up with a with

NOTE Confidence: 0.86973668

01:19:28.858 --> 01:19:31.034 a residency position here so that,

NOTE Confidence: 0.86973668

01:19:31.034 --> 01:19:33.519 you know, he showed initiative,

NOTE Confidence: 0.86973668

01:19:33.520 --> 01:19:35.020 he showed drive.

NOTE Confidence: 0.86973668

01:19:35.020 --> 01:19:38.570 He had worked very hard in his country

NOTE Confidence: 0.86973668

01:19:38.570 --> 01:19:40.760 of origin to establish a strong

NOTE Confidence: 0.86973668

01:19:40.760 --> 01:19:43.840 academic track record and then he was.

NOTE Confidence: 0.86973668

01:19:43.840 --> 01:19:45.480 You know fearless and reaching

NOTE Confidence: 0.86973668

01:19:45.480 --> 01:19:47.798 out to you know to US programs

NOTE Confidence: 0.86973668

01:19:47.798 --> 01:19:49.832 and including you know Yale where

NOTE Confidence: 0.86973668

01:19:49.832 --> 01:19:51.519 Doctor Spencer took a chance on

NOTE Confidence: 0.86973668

01:19:51.519 --> 01:19:53.400 him and it was an amazing payoff.

NOTE Confidence: 0.86973668

01:19:53.400 --> 01:19:54.714 You know Doctor Ganell has had

NOTE Confidence: 0.86973668

01:19:54.714 --> 01:19:56.559 a has had an incredible career.

NOTE Confidence: 0.86973668

01:19:56.560 --> 01:19:59.402 He's one of the leaders in you know

NOTE Confidence: 0.86973668

01:19:59.402 --> 01:20:01.207 in genetic research and neurosurgery

NOTE Confidence: 0.86973668

01:20:01.207 --> 01:20:02.661 particularly dealing with the

NOTE Confidence: 0.86973668

01:20:02.661 --> 01:20:03.905 you know vascular malformations

NOTE Confidence: 0.86973668

01:20:03.905 --> 01:20:05.460 and and and brain tumors.

NOTE Confidence: 0.86973668

01:20:05.460 --> 01:20:06.972 And in part doing a collaborative

NOTE Confidence: 0.86973668

01:20:06.972 --> 01:20:07.980 work with Rick Lifton.

NOTE Confidence: 0.86973668

01:20:07.980 --> 01:20:09.618 So I I think that it,

NOTE Confidence: 0.86973668

01:20:09.620 --> 01:20:10.772 I think that it can be done of it.

NOTE Confidence: 0.86973668

01:20:10.780 --> 01:20:12.700 I think that realistically though it can be,

NOTE Confidence: 0.86973668

01:20:12.700 --> 01:20:13.540 it can be a tough Rd.

NOTE Confidence: 0.9352219

01:20:16.180 --> 01:20:17.260 Thank you so much for that.

NOTE Confidence: 0.9352219

01:20:17.260 --> 01:20:20.276 Doctor King I very briefly

NOTE Confidence: 0.9352219

01:20:20.276 --> 01:20:21.380 because James Ewan,

NOTE Confidence: 0.9352219

01:20:21.380 --> 01:20:23.060 who's the resident has just signed on.

NOTE Confidence: 0.9352219

01:20:23.060 --> 01:20:24.340 It's a quick followup question,

NOTE Confidence: 0.9352219

01:20:24.340 --> 01:20:25.460 which I think is important,

NOTE Confidence: 0.9352219

01:20:25.460 --> 01:20:27.260 just sent in from Amy Manch.
NOTE Confidence: 0.9352219

01:20:27.260 --> 01:20:29.549 Thank you so much for your question.
NOTE Confidence: 0.9352219

01:20:29.550 --> 01:20:31.307 To follow up on the IMG question,
NOTE Confidence: 0.9352219

01:20:31.310 --> 01:20:33.090 do programs make a
NOTE Confidence: 0.9352219

01:20:33.090 --> 01:20:34.870 distinction between US grads,
NOTE Confidence: 0.9352219

01:20:34.870 --> 01:20:36.790 graduates of US medical schools that are U.S.
NOTE Confidence: 0.9352219

01:20:36.790 --> 01:20:39.050 citizens versus citizens US
NOTE Confidence: 0.9352219

01:20:39.050 --> 01:20:41.310 grads that are noncitizens?
NOTE Confidence: 0.9352219

01:20:41.310 --> 01:20:42.870 Is that a factor US citizenship
NOTE Confidence: 0.9352219

01:20:42.870 --> 01:20:43.910 Appoint to my solution.
NOTE Confidence: 0.9346628222222222

01:20:46.630 --> 01:20:48.070 I can answer that. Do you have an answer?
NOTE Confidence: 0.936060516666667

01:20:48.990 --> 01:20:50.322 Yeah, I don't. I don't think
NOTE Confidence: 0.936060516666667

01:20:50.322 --> 01:20:52.190 it has to do with citizenship.
NOTE Confidence: 0.936060516666667

01:20:52.190 --> 01:20:53.989 And nationally if you look at it,
NOTE Confidence: 0.936060516666667

01:20:53.990 --> 01:20:55.090 there are folks that are
NOTE Confidence: 0.936060516666667

01:20:55.090 --> 01:20:55.750 citizens from others.

NOTE Confidence: 0.936060516666667
01:20:55.750 --> 01:20:58.025 I think it's just familiarity with the,
NOTE Confidence: 0.936060516666667
01:20:58.030 --> 01:21:00.070 you know, as Doctor King was
NOTE Confidence: 0.936060516666667
01:21:00.070 --> 01:21:01.430 mentioning familiarity with the
NOTE Confidence: 0.936060516666667
01:21:01.489 --> 01:21:03.474 individual and the institution and
NOTE Confidence: 0.936060516666667
01:21:03.474 --> 01:21:05.746 frankly the ability to do a sub I.
NOTE Confidence: 0.936060516666667
01:21:05.750 --> 01:21:08.256 One of the hardest things as a foreign
NOTE Confidence: 0.936060516666667
01:21:08.256 --> 01:21:10.386 medical graduate is sometimes you
NOTE Confidence: 0.936060516666667
01:21:10.390 --> 01:21:12.644 if you don't have a medical school
NOTE Confidence: 0.936060516666667
01:21:12.644 --> 01:21:14.445 that will have a relationship to
NOTE Confidence: 0.936060516666667
01:21:14.445 --> 01:21:17.029 let you do a sub I in the States.
NOTE Confidence: 0.936060516666667
01:21:17.030 --> 01:21:18.346 Because it has to be from Med
NOTE Confidence: 0.936060516666667
01:21:18.346 --> 01:21:19.270 school to Med school,
NOTE Confidence: 0.936060516666667
01:21:19.270 --> 01:21:20.390 that can be a limitation.
NOTE Confidence: 0.936060516666667
01:21:20.390 --> 01:21:22.105 So there's a number of different hurdles.
NOTE Confidence: 0.936060516666667
01:21:22.110 --> 01:21:24.430 It certainly is more challenging,
NOTE Confidence: 0.936060516666667

01:21:24.430 --> 01:21:26.055 particularly because it's such a
NOTE Confidence: 0.936060516666667

01:21:26.055 --> 01:21:27.680 competitive specialty and and still
NOTE Confidence: 0.936060516666667

01:21:27.737 --> 01:21:29.267 one of the few specialties where
NOTE Confidence: 0.936060516666667

01:21:29.270 --> 01:21:31.070 a number of people go unmatched
NOTE Confidence: 0.936060516666667

01:21:31.070 --> 01:21:32.270 who are US trained.
NOTE Confidence: 0.936060516666667

01:21:32.270 --> 01:21:34.898 So nothing's impossible as
NOTE Confidence: 0.936060516666667

01:21:34.898 --> 01:21:37.526 as Joe had mentioned.
NOTE Confidence: 0.936060516666667

01:21:37.530 --> 01:21:39.882 Marat is like the a great example
NOTE Confidence: 0.936060516666667

01:21:39.882 --> 01:21:42.126 of incredible hard work but also you
NOTE Confidence: 0.936060516666667

01:21:42.126 --> 01:21:44.329 know a lot of dedication to do it.
NOTE Confidence: 0.936060516666667

01:21:44.330 --> 01:21:47.524 So hopefully that and it has nothing
NOTE Confidence: 0.936060516666667

01:21:47.524 --> 01:21:49.608 to do with Citizen at least on our end.
NOTE Confidence: 0.936060516666667

01:21:49.610 --> 01:21:51.766 It's just kind of where you're coming
NOTE Confidence: 0.936060516666667

01:21:51.766 --> 01:21:54.014 from and and your ability to to
NOTE Confidence: 0.936060516666667

01:21:54.014 --> 01:21:56.650 showcase that to the to the program.
NOTE Confidence: 0.939135444444444

01:21:57.300 --> 01:21:58.980 Same thing with us and we have

NOTE Confidence: 0.9391354444444444

01:21:58.980 --> 01:22:00.513 had non-us citizens in our program

NOTE Confidence: 0.9391354444444444

01:22:00.513 --> 01:22:01.773 within the last five years.

NOTE Confidence: 0.9391354444444444

01:22:01.780 --> 01:22:03.748 You know usually the visa status

NOTE Confidence: 0.9391354444444444

01:22:03.748 --> 01:22:06.132 can be worked out with a lot of

NOTE Confidence: 0.9391354444444444

01:22:06.132 --> 01:22:07.740 paperwork and and some legal inputs.

NOTE Confidence: 0.9391354444444444

01:22:07.740 --> 01:22:09.140 And hospitals, you know,

NOTE Confidence: 0.9391354444444444

01:22:09.140 --> 01:22:11.240 that run the residency programs usually

NOTE Confidence: 0.9391354444444444

01:22:11.304 --> 01:22:13.600 have a lot of experience of helping

NOTE Confidence: 0.9391354444444444

01:22:13.600 --> 01:22:15.578 foreign medical students and non citizens,

NOTE Confidence: 0.9391354444444444

01:22:15.580 --> 01:22:18.028 you know work through the visa issues so they

NOTE Confidence: 0.9391354444444444

01:22:18.028 --> 01:22:20.420 can come and train at their institutions.

NOTE Confidence: 0.9391354444444444

01:22:20.420 --> 01:22:22.030 But sometimes people are applying

NOTE Confidence: 0.9391354444444444

01:22:22.030 --> 01:22:23.988 from schools in other countries that

NOTE Confidence: 0.9391354444444444

01:22:23.988 --> 01:22:25.448 you've literally never heard of

NOTE Confidence: 0.9391354444444444

01:22:25.448 --> 01:22:27.170 before and it's really difficult.

NOTE Confidence: 0.9391354444444444

01:22:27.170 --> 01:22:27.824 To evaluate them.
NOTE Confidence: 0.9391354444444444

01:22:27.824 --> 01:22:29.650 And so I think as as Brian said,
NOTE Confidence: 0.9391354444444444

01:22:29.650 --> 01:22:32.149 I think that especially for foreign medical
NOTE Confidence: 0.9391354444444444

01:22:32.149 --> 01:22:33.730 graduates or international students,
NOTE Confidence: 0.9391354444444444

01:22:33.730 --> 01:22:35.490 you know, the sub I is really important.
NOTE Confidence: 0.9391354444444444

01:22:35.490 --> 01:22:37.302 I think it's also crucial for
NOTE Confidence: 0.9391354444444444

01:22:37.302 --> 01:22:38.208 domestic students too.
NOTE Confidence: 0.9391354444444444

01:22:38.210 --> 01:22:39.778 You know that you have to go and
NOTE Confidence: 0.9391354444444444

01:22:39.778 --> 01:22:41.369 see what other programs are like,
NOTE Confidence: 0.9391354444444444

01:22:41.370 --> 01:22:43.450 but you're also being evaluated, you know.
NOTE Confidence: 0.9391354444444444

01:22:43.450 --> 01:22:45.170 And so when you're going to do that sub I,
NOTE Confidence: 0.9391354444444444

01:22:45.170 --> 01:22:46.770 whether you're an international student
NOTE Confidence: 0.9391354444444444

01:22:46.770 --> 01:22:48.316 or a domestic student, you know,
NOTE Confidence: 0.9391354444444444

01:22:48.316 --> 01:22:50.615 you got to go and you got to go work 110%.
NOTE Confidence: 0.9391354444444444

01:22:50.615 --> 01:22:52.050 You got to really make an impression
NOTE Confidence: 0.9391354444444444

01:22:52.050 --> 01:22:53.169 on people because you know,

NOTE Confidence: 0.9391354444444444
01:22:53.170 --> 01:22:55.602 we do pay a lot of attention to
NOTE Confidence: 0.9391354444444444
01:22:55.602 --> 01:22:56.950 sub I letters.
NOTE Confidence: 0.9391354444444444
01:22:56.950 --> 01:22:57.394 You know,
NOTE Confidence: 0.9391354444444444
01:22:57.394 --> 01:22:58.504 as other people have said,
NOTE Confidence: 0.9391354444444444
01:22:58.510 --> 01:22:58.950 you know,
NOTE Confidence: 0.9391354444444444
01:22:58.950 --> 01:23:00.710 we don't pay much attention to board scores,
NOTE Confidence: 0.9391354444444444
01:23:00.710 --> 01:23:02.582 but those sub by letters I think are crucial.
NOTE Confidence: 0.9402536
01:23:04.270 --> 01:23:05.308 All right. Thank you very much.
NOTE Confidence: 0.9402536
01:23:05.310 --> 01:23:07.686 So James Yoon has untangled himself
NOTE Confidence: 0.9402536
01:23:07.686 --> 01:23:09.550 from the trauma service there
NOTE Confidence: 0.9402536
01:23:09.550 --> 01:23:11.230 in the Presby trauma bank where
NOTE Confidence: 0.9402536
01:23:11.230 --> 01:23:13.268 I spent a lot of time myself.
NOTE Confidence: 0.9402536
01:23:13.270 --> 01:23:14.710 So. So listen, the
NOTE Confidence: 0.9570259333333333
01:23:14.870 --> 01:23:15.950 resident room, James,
NOTE Confidence: 0.93421556
01:23:18.630 --> 01:23:20.290 there you go. So James,
NOTE Confidence: 0.9452853

01:23:21.090 --> 01:23:22.595 you're coming a bit late but that
NOTE Confidence: 0.9452853

01:23:22.595 --> 01:23:24.090 your your your perspective is vital
NOTE Confidence: 0.9452853

01:23:24.090 --> 01:23:25.698 you're you're just one teeny step
NOTE Confidence: 0.9452853

01:23:25.698 --> 01:23:27.024 ahead of these medical students
NOTE Confidence: 0.9452853

01:23:27.024 --> 01:23:28.848 that are that are listening to us.
NOTE Confidence: 0.9452853

01:23:28.848 --> 01:23:30.756 Can you give us some and
NOTE Confidence: 0.9452853

01:23:30.756 --> 01:23:32.435 I do apologize it's 758.
NOTE Confidence: 0.9452853

01:23:32.435 --> 01:23:34.505 We said we'd wrap this up
NOTE Confidence: 0.9452853

01:23:34.505 --> 01:23:36.047 at 8:00 o'clock but but,
NOTE Confidence: 0.9452853

01:23:36.047 --> 01:23:37.623 but but let's give James a little time
NOTE Confidence: 0.9452853

01:23:37.623 --> 01:23:39.325 to talk and and give us his thoughts.
NOTE Confidence: 0.938423890909091

01:23:40.890 --> 01:23:42.810 Well, thank you so much and
NOTE Confidence: 0.938423890909091

01:23:42.810 --> 01:23:44.490 sorry I'm joining so late.
NOTE Confidence: 0.938423890909091

01:23:44.490 --> 01:23:46.149 I had a bunch of consults that
NOTE Confidence: 0.938423890909091

01:23:46.149 --> 01:23:48.022 I had to see and then just
NOTE Confidence: 0.938423890909091

01:23:48.022 --> 01:23:49.970 signed out to my night team but.

NOTE Confidence: 0.938423890909091
01:23:49.970 --> 01:23:52.370 It's really great to be here and I'm
NOTE Confidence: 0.938423890909091
01:23:52.370 --> 01:23:54.529 obviously happy to take questions offline.
NOTE Confidence: 0.938423890909091
01:23:54.530 --> 01:23:55.860 I graduated medical school in
NOTE Confidence: 0.938423890909091
01:23:55.860 --> 01:23:58.212 22 and I'm now at P GY2 starting
NOTE Confidence: 0.938423890909091
01:23:58.212 --> 01:23:59.807 on our trauma junior rotation.
NOTE Confidence: 0.938423890909091
01:23:59.810 --> 01:24:01.970 So I'm responsible for our
NOTE Confidence: 0.938423890909091
01:24:01.970 --> 01:24:03.182 trauma neurosurgery list,
NOTE Confidence: 0.938423890909091
01:24:03.182 --> 01:24:06.507 which ranges anywhere from 25 to 40 in
NOTE Confidence: 0.938423890909091
01:24:06.507 --> 01:24:08.657 patients including ICU's and floors.
NOTE Confidence: 0.938423890909091
01:24:08.660 --> 01:24:10.170 On top of seeing consoles, local,
NOTE Confidence: 0.938423890909091
01:24:10.170 --> 01:24:13.260 entire hospital between 7:00 AM to 4:00 PM.
NOTE Confidence: 0.938423890909091
01:24:13.260 --> 01:24:15.140 So I'd agree anywhere from,
NOTE Confidence: 0.938423890909091
01:24:15.140 --> 01:24:16.060 I don't know, 15 to,
NOTE Confidence: 0.938423890909091
01:24:16.060 --> 01:24:19.436 I don't know 10 to 15 consoles a
NOTE Confidence: 0.938423890909091
01:24:19.436 --> 01:24:22.100 day for I think I had 12 today.
NOTE Confidence: 0.938423890909091

01:24:22.100 --> 01:24:24.740 Around the same number yesterday,
NOTE Confidence: 0.938423890909091

01:24:24.740 --> 01:24:26.138 half of which were probably operative.
NOTE Confidence: 0.938423890909091

01:24:26.140 --> 01:24:29.516 So it's a very busy rotation and I think,
NOTE Confidence: 0.938423890909091

01:24:29.516 --> 01:24:29.900 you know,
NOTE Confidence: 0.938423890909091

01:24:29.900 --> 01:24:31.450 it's a lot of responsibility
NOTE Confidence: 0.938423890909091

01:24:31.450 --> 01:24:33.420 that you get gradually since you
NOTE Confidence: 0.938423890909091

01:24:33.420 --> 01:24:34.856 graduate from medical school.
NOTE Confidence: 0.938423890909091

01:24:34.860 --> 01:24:36.176 But it's just crazy to think that,
NOTE Confidence: 0.938423890909091

01:24:36.180 --> 01:24:36.788 you know,
NOTE Confidence: 0.938423890909091

01:24:36.788 --> 01:24:39.220 I have new interns now and seeing how
NOTE Confidence: 0.938423890909091

01:24:39.287 --> 01:24:41.789 far I've just even come in one year or
NOTE Confidence: 0.938423890909091

01:24:41.789 --> 01:24:44.529 even just a couple years from that school.
NOTE Confidence: 0.938423890909091

01:24:44.530 --> 01:24:47.490 I was born and raised in South Korea
NOTE Confidence: 0.938423890909091

01:24:47.490 --> 01:24:49.929 and I came to the States in high school.
NOTE Confidence: 0.938423890909091

01:24:49.930 --> 01:24:52.514 I went to Brown from undergrad and that's
NOTE Confidence: 0.938423890909091

01:24:52.514 --> 01:24:55.810 kind of where I found neurosurgery.

NOTE Confidence: 0.938423890909091
01:24:55.810 --> 01:24:57.970 I had really great mentors in
NOTE Confidence: 0.938423890909091
01:24:57.970 --> 01:25:01.810 Med school like Doctor King here.
NOTE Confidence: 0.938423890909091
01:25:01.810 --> 01:25:02.252 You know,
NOTE Confidence: 0.938423890909091
01:25:02.252 --> 01:25:04.020 we met in my first year of medical
NOTE Confidence: 0.938423890909091
01:25:04.077 --> 01:25:05.799 school and he's mentored me all
NOTE Confidence: 0.938423890909091
01:25:05.799 --> 01:25:07.250 throughout Med school and just,
NOTE Confidence: 0.938423890909091
01:25:07.250 --> 01:25:07.702 you know,
NOTE Confidence: 0.938423890909091
01:25:07.702 --> 01:25:09.058 fantastic to have this like yell
NOTE Confidence: 0.938423890909091
01:25:09.058 --> 01:25:10.130 community of neurosurgeons.
NOTE Confidence: 0.941930723333333
01:25:12.240 --> 01:25:14.370 Because it's a small field
NOTE Confidence: 0.941930723333333
01:25:14.370 --> 01:25:16.234 and everyone knows everyone,
NOTE Confidence: 0.941930723333333
01:25:16.234 --> 01:25:19.580 but I'm happy to take questions about
NOTE Confidence: 0.941930723333333
01:25:19.662 --> 01:25:22.560 what Residency's like, you know,
NOTE Confidence: 0.941930723333333
01:25:22.560 --> 01:25:25.440 or about applying or if you have
NOTE Confidence: 0.941930723333333
01:25:25.440 --> 01:25:26.520 any questions about anything.
NOTE Confidence: 0.941930723333333

01:25:26.520 --> 01:25:27.720 I'm happy to chat anytime.
NOTE Confidence: 0.934502981428572

01:25:28.600 --> 01:25:30.877 I just want to make one quick comment for
NOTE Confidence: 0.934502981428572

01:25:30.877 --> 01:25:33.264 the for the for the people in the audience.
NOTE Confidence: 0.934502981428572

01:25:33.264 --> 01:25:35.476 You know, just notice that Doctor
NOTE Confidence: 0.934502981428572

01:25:35.476 --> 01:25:38.430 Yoon is just like finish a shift.
NOTE Confidence: 0.934502981428572

01:25:38.430 --> 01:25:40.910 And he still somehow has a smile on his face,
NOTE Confidence: 0.934502981428572

01:25:40.910 --> 01:25:43.254 you know, and that is something that that's
NOTE Confidence: 0.934502981428572

01:25:43.254 --> 01:25:45.507 that just tells you about neurosurgery.
NOTE Confidence: 0.934502981428572

01:25:45.510 --> 01:25:46.454 I mean like he,
NOTE Confidence: 0.934502981428572

01:25:46.454 --> 01:25:48.146 he should be crying right now, right?
NOTE Confidence: 0.934502981428572

01:25:48.146 --> 01:25:50.078 You know by by every other measure
NOTE Confidence: 0.934502981428572

01:25:50.078 --> 01:25:51.790 you know he should be crying.
NOTE Confidence: 0.934502981428572

01:25:51.790 --> 01:25:53.770 But he has a smile on his face and that
NOTE Confidence: 0.934502981428572

01:25:53.821 --> 01:25:55.750 and and that speaks to the you know,
NOTE Confidence: 0.934502981428572

01:25:55.750 --> 01:25:57.510 the passion and the interest
NOTE Confidence: 0.934502981428572

01:25:57.510 --> 01:25:58.918 and the fact that.

NOTE Confidence: 0.934502981428572

01:25:58.920 --> 01:26:00.796 You know he loves what he's doing

NOTE Confidence: 0.934502981428572

01:26:00.796 --> 01:26:02.597 and and that's that's that's that's

NOTE Confidence: 0.934502981428572

01:26:02.597 --> 01:26:04.475 basically what you are going to

NOTE Confidence: 0.934502981428572

01:26:04.475 --> 01:26:06.516 see I mean he's on the I mean I've

NOTE Confidence: 0.934502981428572

01:26:06.520 --> 01:26:08.455 you know I was in attending a pit I

NOTE Confidence: 0.934502981428572

01:26:08.455 --> 01:26:10.448 mean I I I know what it's what it's

NOTE Confidence: 0.934502981428572

01:26:10.448 --> 01:26:12.388 what it's like and the fact that he

NOTE Confidence: 0.934502981428572

01:26:12.388 --> 01:26:14.512 can you know finish that that long

NOTE Confidence: 0.934502981428572

01:26:14.512 --> 01:26:17.616 shift and still be here and still be

NOTE Confidence: 0.934502981428572

01:26:17.616 --> 01:26:19.840 smiling is I think basically speaks

NOTE Confidence: 0.934502981428572

01:26:19.840 --> 01:26:22.480 that's it speaks 1000 words so.

NOTE Confidence: 0.809531414285714

01:26:23.470 --> 01:26:24.667 And to echo what and Duca said,

NOTE Confidence: 0.809531414285714

01:26:24.670 --> 01:26:27.106 there's actually a paper that was

NOTE Confidence: 0.809531414285714

01:26:27.106 --> 01:26:29.946 published many years ago that shows the

NOTE Confidence: 0.809531414285714

01:26:29.946 --> 01:26:32.742 burnout rate of faculty based on number

NOTE Confidence: 0.809531414285714

01:26:32.742 --> 01:26:34.796 of hours and special subspecialty.

NOTE Confidence: 0.809531414285714

01:26:34.796 --> 01:26:37.610 And on the graph it's really jarring

NOTE Confidence: 0.809531414285714

01:26:37.675 --> 01:26:39.750 like neurosurgeons tend to work,

NOTE Confidence: 0.809531414285714

01:26:39.750 --> 01:26:41.406 you know, more hours than other

NOTE Confidence: 0.809531414285714

01:26:41.406 --> 01:26:43.081 specialties and the burnout is some

NOTE Confidence: 0.809531414285714

01:26:43.081 --> 01:26:44.629 of the lowest in across specialties,

NOTE Confidence: 0.809531414285714

01:26:44.630 --> 01:26:45.908 not even like not that bad,

NOTE Confidence: 0.809531414285714

01:26:45.910 --> 01:26:47.510 it's very, very low,

NOTE Confidence: 0.809531414285714

01:26:47.510 --> 01:26:49.510 whereas fields like ER and

NOTE Confidence: 0.809531414285714

01:26:49.510 --> 01:26:50.759 radiology and others.

NOTE Confidence: 0.809531414285714

01:26:50.760 --> 01:26:52.636 That might have more shift base that

NOTE Confidence: 0.809531414285714

01:26:52.636 --> 01:26:54.440 the burnout tends to be a lot higher.

NOTE Confidence: 0.809531414285714

01:26:54.440 --> 01:26:55.505 And so James,

NOTE Confidence: 0.809531414285714

01:26:55.505 --> 01:26:57.280 you just proved our point

NOTE Confidence: 0.809531414285714

01:26:57.280 --> 01:26:58.680 and and we appreciate that.

NOTE Confidence: 0.912509440666667

01:27:01.960 --> 01:27:04.536 Yeah, Brian, Brian, I wanted to sort

NOTE Confidence: 0.912509440666667
01:27:04.536 --> 01:27:07.559 of start to close with a few things.
NOTE Confidence: 0.912509440666667
01:27:07.560 --> 01:27:08.520 Brian made a comment to me.
NOTE Confidence: 0.912509440666667
01:27:08.520 --> 01:27:09.600 He and I were talking on the phone.
NOTE Confidence: 0.912509440666667
01:27:09.600 --> 01:27:10.710 It must have been six weeks
NOTE Confidence: 0.912509440666667
01:27:10.710 --> 01:27:11.680 ago or something like that.
NOTE Confidence: 0.912509440666667
01:27:11.680 --> 01:27:14.354 And he made a we all are.
NOTE Confidence: 0.912509440666667
01:27:14.360 --> 01:27:16.704 I think most of us who are, you know,
NOTE Confidence: 0.912509440666667
01:27:16.704 --> 01:27:18.336 medical school graduates are sort of
NOTE Confidence: 0.912509440666667
01:27:18.336 --> 01:27:20.129 boosters for the school and boosters for
NOTE Confidence: 0.912509440666667
01:27:20.129 --> 01:27:22.158 the culture of the place that launched us.
NOTE Confidence: 0.912509440666667
01:27:22.160 --> 01:27:22.644 And Brian,
NOTE Confidence: 0.912509440666667
01:27:22.644 --> 01:27:25.159 I think I said it better than I could he,
NOTE Confidence: 0.912509440666667
01:27:25.160 --> 01:27:28.029 he mentioned that in his work at MGH,
NOTE Confidence: 0.912509440666667
01:27:28.029 --> 01:27:30.603 you know, he's he's encountered colleagues
NOTE Confidence: 0.912509440666667
01:27:30.603 --> 01:27:33.048 perhaps in neurosurgery or in other areas.
NOTE Confidence: 0.912509440666667

01:27:33.050 --> 01:27:35.002 That you know they're in mid career and
NOTE Confidence: 0.912509440666667

01:27:35.002 --> 01:27:36.580 maybe they're starting to, you know,
NOTE Confidence: 0.912509440666667

01:27:36.580 --> 01:27:37.805 they're starting to get winded,
NOTE Confidence: 0.912509440666667

01:27:37.810 --> 01:27:39.490 they're starting to get a struggle a bit.
NOTE Confidence: 0.912509440666667

01:27:39.490 --> 01:27:41.850 There's a bit of burnout here and there,
NOTE Confidence: 0.912509440666667

01:27:41.850 --> 01:27:43.174 not again not necessarily
NOTE Confidence: 0.912509440666667

01:27:43.174 --> 01:27:44.167 as neurosurgery colleagues,
NOTE Confidence: 0.912509440666667

01:27:44.170 --> 01:27:46.312 but you know maybe he can expand on this
NOTE Confidence: 0.912509440666667

01:27:46.312 --> 01:27:48.237 and he commented that he felt certain
NOTE Confidence: 0.912509440666667

01:27:48.237 --> 01:27:50.567 and I started to reflect on it as well.
NOTE Confidence: 0.912509440666667

01:27:50.570 --> 01:27:53.258 He felt certain that those formative early
NOTE Confidence: 0.912509440666667

01:27:53.258 --> 01:27:55.994 years at Yale your your introduction to
NOTE Confidence: 0.912509440666667

01:27:55.994 --> 01:27:58.370 medicine in a non hostile environment,
NOTE Confidence: 0.912509440666667

01:27:58.370 --> 01:28:00.580 in a non competitive environment.
NOTE Confidence: 0.912509440666667

01:28:00.580 --> 01:28:01.980 I'm not saying there was no competition,
NOTE Confidence: 0.912509440666667

01:28:01.980 --> 01:28:04.804 but not this acidic sort of Crucible type

NOTE Confidence: 0.912509440666667
01:28:04.804 --> 01:28:07.616 thing that we often hear about elsewhere.
NOTE Confidence: 0.912509440666667
01:28:07.620 --> 01:28:08.580 Actually wasn't just,
NOTE Confidence: 0.912509440666667
01:28:08.580 --> 01:28:09.220 you know,
NOTE Confidence: 0.912509440666667
01:28:09.220 --> 01:28:11.140 pleasurable while he was in New
NOTE Confidence: 0.912509440666667
01:28:11.140 --> 01:28:13.250 Haven but actually had a durable
NOTE Confidence: 0.912509440666667
01:28:13.250 --> 01:28:15.659 positive effect on if I'm I'm I'm.
NOTE Confidence: 0.912509440666667
01:28:15.660 --> 01:28:17.540 Tell me if I'm misinterpreting what you said,
NOTE Confidence: 0.912509440666667
01:28:17.540 --> 01:28:17.940 Brian.
NOTE Confidence: 0.912509440666667
01:28:17.940 --> 01:28:20.340 A durable positive effect on his
NOTE Confidence: 0.912509440666667
01:28:20.340 --> 01:28:22.576 psychological sort of frame of mind
NOTE Confidence: 0.912509440666667
01:28:22.576 --> 01:28:24.823 as he approached his career and and
NOTE Confidence: 0.912509440666667
01:28:24.897 --> 01:28:27.585 perhaps my sense of it has insulated him.
NOTE Confidence: 0.912509440666667
01:28:27.590 --> 01:28:29.697 From from from some of these hazards
NOTE Confidence: 0.912509440666667
01:28:29.697 --> 01:28:31.564 of burnout and and getting winded
NOTE Confidence: 0.912509440666667
01:28:31.564 --> 01:28:33.370 and I thought about myself and
NOTE Confidence: 0.912509440666667

01:28:33.370 --> 01:28:35.149 I I think it was the same.
NOTE Confidence: 0.912509440666667

01:28:35.150 --> 01:28:37.543 I think if you start in a place
NOTE Confidence: 0.912509440666667

01:28:37.543 --> 01:28:39.580 that kind of slaps you around real
NOTE Confidence: 0.912509440666667

01:28:39.651 --> 01:28:41.146 good you know that's you know we're
NOTE Confidence: 0.912509440666667

01:28:41.146 --> 01:28:42.684 all it's like it's like going to
NOTE Confidence: 0.912509440666667

01:28:42.684 --> 01:28:44.022 the Marine Corps or something like
NOTE Confidence: 0.912509440666667

01:28:44.022 --> 01:28:45.501 that you just figure well this is
NOTE Confidence: 0.912509440666667

01:28:45.501 --> 01:28:47.534 it it's supposed to be abrasive and
NOTE Confidence: 0.912509440666667

01:28:47.534 --> 01:28:49.982 I think that's not generally what
NOTE Confidence: 0.912509440666667

01:28:49.982 --> 01:28:53.040 we experienced and so and so I, I,
NOTE Confidence: 0.912509440666667

01:28:53.040 --> 01:28:55.630 I I was appreciative of Brian comments.
NOTE Confidence: 0.912509440666667

01:28:55.630 --> 01:28:57.438 I'd like to say one thing to James
NOTE Confidence: 0.912509440666667

01:28:57.438 --> 01:28:59.254 before we close out or if anybody
NOTE Confidence: 0.912509440666667

01:28:59.254 --> 01:29:00.302 else has any comments.
NOTE Confidence: 0.912509440666667

01:29:00.310 --> 01:29:01.834 While all those things are highly
NOTE Confidence: 0.912509440666667

01:29:01.834 --> 01:29:03.190 laudable about Yale Medical School,

NOTE Confidence: 0.912509440666667
01:29:03.190 --> 01:29:04.961 I can remember when I went to
NOTE Confidence: 0.912509440666667
01:29:04.961 --> 01:29:05.467 residency program,
NOTE Confidence: 0.912509440666667
01:29:05.470 --> 01:29:06.968 I had a few other people from.
NOTE Confidence: 0.912509440666667
01:29:06.970 --> 01:29:09.210 Yale who were in the residency programs,
NOTE Confidence: 0.912509440666667
01:29:09.210 --> 01:29:11.100 various surgical areas at the University
NOTE Confidence: 0.912509440666667
01:29:11.100 --> 01:29:13.222 of Pittsburgh at UPMC and there was
NOTE Confidence: 0.912509440666667
01:29:13.222 --> 01:29:14.687 some commentary sometimes that wow,
NOTE Confidence: 0.912509440666667
01:29:14.690 --> 01:29:16.316 we we learned to be thoughtful
NOTE Confidence: 0.912509440666667
01:29:16.316 --> 01:29:18.295 about medicine and we learned to be
NOTE Confidence: 0.912509440666667
01:29:18.295 --> 01:29:19.963 asked questions and what have you.
NOTE Confidence: 0.912509440666667
01:29:19.970 --> 01:29:21.970 But there is something, as much as I,
NOTE Confidence: 0.912509440666667
01:29:21.970 --> 01:29:23.447 I've just wanted what I've just said,
NOTE Confidence: 0.912509440666667
01:29:23.450 --> 01:29:25.250 there's something to be said for
NOTE Confidence: 0.912509440666667
01:29:25.250 --> 01:29:26.450 that harsh environment because
NOTE Confidence: 0.912509440666667
01:29:26.505 --> 01:29:27.885 it's sort of toughens you up.
NOTE Confidence: 0.940732917142857

01:29:27.890 --> 01:29:30.081 And you know I remember some Yale
NOTE Confidence: 0.940732917142857

01:29:30.081 --> 01:29:31.514 medical School graduates sort of
NOTE Confidence: 0.940732917142857

01:29:31.514 --> 01:29:33.242 saying it was a bit of an abrupt
NOTE Confidence: 0.940732917142857

01:29:33.300 --> 01:29:35.537 shift when you go to the real world.
NOTE Confidence: 0.940732917142857

01:29:35.540 --> 01:29:36.740 James, you know you you had
NOTE Confidence: 0.940732917142857

01:29:36.740 --> 01:29:38.124 a great time at Yale. You,
NOTE Confidence: 0.940732917142857

01:29:38.124 --> 01:29:40.860 you know you you placed into a great place.
NOTE Confidence: 0.940732917142857

01:29:40.860 --> 01:29:42.820 Do you feel you were well prepared?
NOTE Confidence: 0.940732917142857

01:29:42.820 --> 01:29:43.686 You know, I think over the
NOTE Confidence: 0.940732917142857

01:29:43.686 --> 01:29:44.600 whole arc of your career,
NOTE Confidence: 0.940732917142857

01:29:44.600 --> 01:29:47.000 the consensus on this panel is it's a
NOTE Confidence: 0.940732917142857

01:29:47.000 --> 01:29:48.859 fabulous place to launch your career
NOTE Confidence: 0.940732917142857

01:29:48.860 --> 01:29:51.009 for people who are now you're speaking
NOTE Confidence: 0.940732917142857

01:29:51.009 --> 01:29:52.938 to medical students back in New Haven.
NOTE Confidence: 0.940732917142857

01:29:52.940 --> 01:29:55.124 Do you feel like is there, is there,
NOTE Confidence: 0.940732917142857

01:29:55.124 --> 01:29:57.149 is there any observations you make

NOTE Confidence: 0.940732917142857
01:29:57.149 --> 01:29:59.087 after Yale Medical Education and now
NOTE Confidence: 0.940732917142857
01:29:59.087 --> 01:30:01.100 you're off doing something very intense?
NOTE Confidence: 0.940732917142857
01:30:01.100 --> 01:30:02.444 Are are you feeling good with where
NOTE Confidence: 0.940732917142857
01:30:02.444 --> 01:30:04.100 you're at in terms of your preparation?
NOTE Confidence: 0.9251585
01:30:06.290 --> 01:30:07.568 I really do, and I do.
NOTE Confidence: 0.9251585
01:30:07.570 --> 01:30:09.327 People tell people a lot that I'm
NOTE Confidence: 0.9251585
01:30:09.327 --> 01:30:10.990 really grateful for my Yale medical
NOTE Confidence: 0.9251585
01:30:10.990 --> 01:30:12.464 education because I think, you know,
NOTE Confidence: 0.9251585
01:30:12.464 --> 01:30:13.633 I think a lot of my attendings
NOTE Confidence: 0.9251585
01:30:13.633 --> 01:30:14.894 will tell me that, you know,
NOTE Confidence: 0.9251585
01:30:14.894 --> 01:30:17.904 you can teach a monkey how to do surgery and,
NOTE Confidence: 0.9251585
01:30:17.904 --> 01:30:19.188 you know, you can teach people
NOTE Confidence: 0.9251585
01:30:19.188 --> 01:30:20.569 how to operate in those things.
NOTE Confidence: 0.9251585
01:30:20.570 --> 01:30:21.455 But what Yale really taught
NOTE Confidence: 0.9251585
01:30:21.455 --> 01:30:22.770 me was how to talk to people,
NOTE Confidence: 0.9251585

01:30:22.770 --> 01:30:24.822 like how to talk to my patients and how

NOTE Confidence: 0.9251585

01:30:24.822 --> 01:30:26.849 to communicate with other services.

NOTE Confidence: 0.9251585

01:30:26.850 --> 01:30:28.572 I mean, I make hundreds of

NOTE Confidence: 0.9251585

01:30:28.572 --> 01:30:29.720 phone calls each day.

NOTE Confidence: 0.9251585

01:30:29.720 --> 01:30:31.605 My pager goes off nonstop

NOTE Confidence: 0.9251585

01:30:31.605 --> 01:30:33.113 between 7:00 and 4:00.

NOTE Confidence: 0.9251585

01:30:33.120 --> 01:30:34.896 So it's really how to communicate

NOTE Confidence: 0.9251585

01:30:34.896 --> 01:30:36.666 with other teams and, you know,

NOTE Confidence: 0.9251585

01:30:36.666 --> 01:30:38.717 and take really good care of patients.

NOTE Confidence: 0.9251585

01:30:38.720 --> 01:30:40.533 I think that's one of the changes

NOTE Confidence: 0.9251585

01:30:40.533 --> 01:30:42.399 that was really hard for me because

NOTE Confidence: 0.9251585

01:30:42.399 --> 01:30:44.358 as a medical student you feel you

NOTE Confidence: 0.9251585

01:30:44.358 --> 01:30:46.118 can't feel responsible for patients.

NOTE Confidence: 0.9251585

01:30:46.120 --> 01:30:46.896 But as a resident,

NOTE Confidence: 0.9251585

01:30:46.896 --> 01:30:48.480 it's like at the end of the day,

NOTE Confidence: 0.9251585

01:30:48.480 --> 01:30:50.560 you were the responsible person

NOTE Confidence: 0.9251585

01:30:50.560 --> 01:30:52.640 taking care of this person.

NOTE Confidence: 0.9251585

01:30:52.640 --> 01:30:55.040 So you don't leave until the job's done.

NOTE Confidence: 0.9251585

01:30:55.040 --> 01:30:56.930 You know, you don't take shortcuts.

NOTE Confidence: 0.9251585

01:30:56.930 --> 01:31:00.530 And you know that transition of

NOTE Confidence: 0.9251585

01:31:00.530 --> 01:31:02.458 responsibility, but also, you know,

NOTE Confidence: 0.9251585

01:31:02.458 --> 01:31:04.450 getting the work done is hard.

NOTE Confidence: 0.9251585

01:31:04.450 --> 01:31:07.378 But I think Yale overall just

NOTE Confidence: 0.9251585

01:31:07.378 --> 01:31:09.330 creates an environment where,

NOTE Confidence: 0.9251585

01:31:09.330 --> 01:31:09.864 you know,

NOTE Confidence: 0.9251585

01:31:09.864 --> 01:31:12.326 you realize at the end of the day that

NOTE Confidence: 0.9251585

01:31:12.326 --> 01:31:14.039 this is a person and you're treating

NOTE Confidence: 0.9251585

01:31:14.039 --> 01:31:16.089 them as a whole instead of just a disease.

NOTE Confidence: 0.9251585

01:31:16.090 --> 01:31:17.138 And I don't know,

NOTE Confidence: 0.9251585

01:31:17.138 --> 01:31:20.164 I think it's just a whole mindset and I think

NOTE Confidence: 0.9251585

01:31:20.164 --> 01:31:22.760 you're well prepared being a Yale grad and.

NOTE Confidence: 0.9251585

01:31:22.760 --> 01:31:23.162 You know,
NOTE Confidence: 0.9251585

01:31:23.162 --> 01:31:24.569 you'll see when you go on the
NOTE Confidence: 0.9251585

01:31:24.569 --> 01:31:26.080 trail that everyone loves Yograds.
NOTE Confidence: 0.9251585

01:31:26.080 --> 01:31:27.440 And I think there's a reason for that.
NOTE Confidence: 0.9603804

01:31:29.520 --> 01:31:31.280 Just fabulous.
NOTE Confidence: 0.9603804

01:31:31.280 --> 01:31:33.260 I do want to fit in one last question
NOTE Confidence: 0.9603804

01:31:33.260 --> 01:31:34.637 that's just been put forward.
NOTE Confidence: 0.9603804

01:31:34.640 --> 01:31:37.802 Great question. This is from,
NOTE Confidence: 0.9603804

01:31:37.802 --> 01:31:39.806 I apologize if I don't pronounce
NOTE Confidence: 0.9603804

01:31:39.806 --> 01:31:44.400 the name of Nana Adenu Minsha.
NOTE Confidence: 0.9603804

01:31:44.400 --> 01:31:46.703 She says I have a public health
NOTE Confidence: 0.9603804

01:31:46.703 --> 01:31:49.046 background and I'm curious about and
NOTE Confidence: 0.9603804

01:31:49.046 --> 01:31:51.186 I'm curious about the experiences.
NOTE Confidence: 0.9603804

01:31:51.190 --> 01:31:53.326 What your experiences have been in
NOTE Confidence: 0.9603804

01:31:53.326 --> 01:31:54.750 global neurosurgery considering the
NOTE Confidence: 0.9603804

01:31:54.805 --> 01:31:56.575 high technological advances in the US

NOTE Confidence: 0.9603804

01:31:56.575 --> 01:31:58.468 compared to the rest of the world.

NOTE Confidence: 0.9603804

01:31:58.470 --> 01:32:00.530 Do any of you have experiences

NOTE Confidence: 0.9603804

01:32:00.530 --> 01:32:02.210 internationally in global neurosurgery

NOTE Confidence: 0.9603804

01:32:02.210 --> 01:32:04.310 if you've done mission trips,

NOTE Confidence: 0.9603804

01:32:04.310 --> 01:32:06.214 what kind of what kind of outreach

NOTE Confidence: 0.9603804

01:32:06.214 --> 01:32:08.274 beyond the the the borders of the

NOTE Confidence: 0.9603804

01:32:08.274 --> 01:32:09.910 United States have you been involved in?

NOTE Confidence: 0.800893544

01:32:12.510 --> 01:32:14.510 Yeah. I mean I I,

NOTE Confidence: 0.800893544

01:32:14.510 --> 01:32:17.924 you know I can say that that you

NOTE Confidence: 0.800893544

01:32:17.924 --> 01:32:20.459 know that that's something that.

NOTE Confidence: 0.800893544

01:32:20.460 --> 01:32:24.618 Is for for me personally very welcomed

NOTE Confidence: 0.800893544

01:32:24.620 --> 01:32:27.086 in in neurosurgery and I actually

NOTE Confidence: 0.800893544

01:32:27.086 --> 01:32:29.220 don't think there's enough of it.

NOTE Confidence: 0.800893544

01:32:29.220 --> 01:32:30.900 I think that, you know,

NOTE Confidence: 0.800893544

01:32:30.900 --> 01:32:33.810 we talked about the divide between, you know,

NOTE Confidence: 0.800893544

01:32:33.810 --> 01:32:36.996 the haves and have Nots and you know,
NOTE Confidence: 0.800893544

01:32:36.996 --> 01:32:39.578 as a brain tumor surgeon, you know,
NOTE Confidence: 0.800893544

01:32:39.578 --> 01:32:42.511 trying to get that technology out to
NOTE Confidence: 0.800893544

01:32:42.511 --> 01:32:45.387 communities and countries that don't have it.
NOTE Confidence: 0.800893544

01:32:45.390 --> 01:32:46.746 Is really difficult but you can
NOTE Confidence: 0.800893544

01:32:46.746 --> 01:32:48.510 you know you can start to do that.
NOTE Confidence: 0.800893544

01:32:48.510 --> 01:32:50.950 Remember when we were at Yale you know
NOTE Confidence: 0.800893544

01:32:50.950 --> 01:32:54.222 Marat and I you know would you know
NOTE Confidence: 0.800893544

01:32:54.222 --> 01:32:56.625 donate the the donate our operative
NOTE Confidence: 0.800893544

01:32:56.625 --> 01:32:58.935 microscopes that we were no longer
NOTE Confidence: 0.800893544

01:32:58.935 --> 01:33:01.581 using but they were functional through
NOTE Confidence: 0.800893544

01:33:01.581 --> 01:33:04.936 the the foundation for International
NOTE Confidence: 0.800893544

01:33:04.936 --> 01:33:06.949 Education and Neurosurgery.
NOTE Confidence: 0.800893544

01:33:06.950 --> 01:33:09.810 You know to to to to to to to different
NOTE Confidence: 0.800893544

01:33:09.887 --> 01:33:12.527 countries and I remember carrying a.
NOTE Confidence: 0.800893544

01:33:12.530 --> 01:33:15.832 You know a bag full of you know kerosenes

NOTE Confidence: 0.800893544

01:33:15.832 --> 01:33:19.689 and and you know Lexel ronjourns and

NOTE Confidence: 0.800893544

01:33:19.690 --> 01:33:22.490 and you know other instruments on a

NOTE Confidence: 0.800893544

01:33:22.490 --> 01:33:25.337 trip to Nigeria where my parents are

NOTE Confidence: 0.800893544

01:33:25.337 --> 01:33:27.816 from and I I and and being stopped

NOTE Confidence: 0.800893544

01:33:27.816 --> 01:33:29.969 at like customs and they were like

NOTE Confidence: 0.800893544

01:33:29.970 --> 01:33:31.510 they like open the bag like what

NOTE Confidence: 0.800893544

01:33:31.510 --> 01:33:33.207 what what what is it what are you

NOTE Confidence: 0.800893544

01:33:33.207 --> 01:33:34.633 doing with all this you know like

NOTE Confidence: 0.800893544

01:33:34.633 --> 01:33:36.650 you know but but you know we can all

NOTE Confidence: 0.800893544

01:33:36.650 --> 01:33:38.668 contribute in different ways and.

NOTE Confidence: 0.800893544

01:33:38.668 --> 01:33:41.430 And I think you can make a career out of it.

NOTE Confidence: 0.800893544

01:33:41.430 --> 01:33:42.510 You know those,

NOTE Confidence: 0.800893544

01:33:42.510 --> 01:33:45.024 you know Brian can speak about you

NOTE Confidence: 0.800893544

01:33:45.024 --> 01:33:47.148 know the folks at Boston Children's

NOTE Confidence: 0.800893544

01:33:47.150 --> 01:33:51.190 and you know who who really kind of

NOTE Confidence: 0.800893544

01:33:51.190 --> 01:33:55.390 revolutionized the, the ability to to,
NOTE Confidence: 0.800893544

01:33:55.390 --> 01:33:59.434 to to to to you know treat patients
NOTE Confidence: 0.800893544

01:33:59.434 --> 01:34:02.654 with hydrocephalus in a sustained
NOTE Confidence: 0.800893544

01:34:02.654 --> 01:34:04.586 and successful way.
NOTE Confidence: 0.800893544

01:34:04.590 --> 01:34:06.704 And I and I think that neurosurgery
NOTE Confidence: 0.800893544

01:34:06.704 --> 01:34:08.170 you know that that is.
NOTE Confidence: 0.800893544

01:34:08.170 --> 01:34:11.935 That is an area that that is is
NOTE Confidence: 0.800893544

01:34:11.935 --> 01:34:13.650 developing and and I would say that
NOTE Confidence: 0.800893544

01:34:13.650 --> 01:34:15.230 that's one of the forefronts of
NOTE Confidence: 0.800893544

01:34:15.230 --> 01:34:17.290 neurosurgery is like how do you you know,
NOTE Confidence: 0.800893544

01:34:17.290 --> 01:34:18.844 but you have to be truly dedicated
NOTE Confidence: 0.800893544

01:34:18.844 --> 01:34:20.330 to that you know to the art,
NOTE Confidence: 0.800893544

01:34:20.330 --> 01:34:21.914 you know to the to the idea that
NOTE Confidence: 0.800893544

01:34:21.914 --> 01:34:23.494 you're going to you know bridge
NOTE Confidence: 0.800893544

01:34:23.494 --> 01:34:26.509 that gap And it can't just be in you
NOTE Confidence: 0.800893544

01:34:26.509 --> 01:34:28.543 know trauma surgery but you know

NOTE Confidence: 0.800893544

01:34:28.543 --> 01:34:30.527 find different ways to to to do it.

NOTE Confidence: 0.800893544

01:34:30.530 --> 01:34:34.289 But yeah I mean public health perspective

NOTE Confidence: 0.800893544

01:34:34.289 --> 01:34:37.382 is absolutely something that is not only.

NOTE Confidence: 0.800893544

01:34:37.382 --> 01:34:38.600 Tolerated but absolutely

NOTE Confidence: 0.800893544

01:34:38.600 --> 01:34:39.818 welcomed in neurosurgery.

NOTE Confidence: 0.936899133333333

01:34:40.860 --> 01:34:44.142 Yeah just to follow that we there's a

NOTE Confidence: 0.936899133333333

01:34:44.142 --> 01:34:47.350 huge huge and growing need for the global

NOTE Confidence: 0.936899133333333

01:34:47.428 --> 01:34:50.176 neurosurgery off the heels steps of

NOTE Confidence: 0.936899133333333

01:34:50.180 --> 01:34:53.491 The Lancet Commission by John Muir and

NOTE Confidence: 0.936899133333333

01:34:53.491 --> 01:34:57.534 and folks at at at Harvard and Key Park

NOTE Confidence: 0.936899133333333

01:34:57.534 --> 01:35:00.162 is a neurosurgeon who's dedicated his

NOTE Confidence: 0.936899133333333

01:35:00.162 --> 01:35:02.890 career to this also based out of there.

NOTE Confidence: 0.936899133333333

01:35:02.890 --> 01:35:05.095 Within our efforts like in Duke has

NOTE Confidence: 0.936899133333333

01:35:05.095 --> 01:35:07.930 said as a resident I spent some time

NOTE Confidence: 0.936899133333333

01:35:07.930 --> 01:35:10.450 in Uganda also bringing a drill and

NOTE Confidence: 0.936899133333333

01:35:10.450 --> 01:35:12.626 and we have one of now two or three
NOTE Confidence: 0.9368991333333333

01:35:12.626 --> 01:35:13.970 of our residents at this point,
NOTE Confidence: 0.9368991333333333

01:35:13.970 --> 01:35:18.048 one most recently who's now a chief my role,
NOTE Confidence: 0.9368991333333333

01:35:18.050 --> 01:35:20.947 who started his own initiative both
NOTE Confidence: 0.9368991333333333

01:35:20.947 --> 01:35:22.969 doing work in Subsaharan Africa and
NOTE Confidence: 0.9368991333333333

01:35:22.969 --> 01:35:25.462 then also now doing and launching a
NOTE Confidence: 0.9368991333333333

01:35:25.462 --> 01:35:28.282 whole global effort in the Caribbean
NOTE Confidence: 0.9368991333333333

01:35:28.282 --> 01:35:30.922 through initiative he calls Caracom.
NOTE Confidence: 0.9368991333333333

01:35:30.930 --> 01:35:33.486 And then there's like Ben Wharf,
NOTE Confidence: 0.9368991333333333

01:35:33.490 --> 01:35:34.498 who's at Boston Children's,
NOTE Confidence: 0.9368991333333333

01:35:34.498 --> 01:35:36.010 who like in Duke was mentioning,
NOTE Confidence: 0.9368991333333333

01:35:36.010 --> 01:35:37.396 there's Mike Hagglin.
NOTE Confidence: 0.9368991333333333

01:35:37.396 --> 01:35:40.168 There's just just a lot of
NOTE Confidence: 0.9368991333333333

01:35:40.168 --> 01:35:41.658 neurosurgeons each doing work.
NOTE Confidence: 0.9368991333333333

01:35:41.658 --> 01:35:44.250 And I would bet that this is it,
NOTE Confidence: 0.9368991333333333

01:35:44.250 --> 01:35:45.570 not only a growing field,

NOTE Confidence: 0.9368991333333333
01:35:45.570 --> 01:35:46.582 but a needed field.
NOTE Confidence: 0.9368991333333333
01:35:46.582 --> 01:35:48.882 And frankly, we have a huge,
NOTE Confidence: 0.9368991333333333
01:35:48.882 --> 01:35:51.122 huge impact because neurosurgical trauma
NOTE Confidence: 0.9368991333333333
01:35:51.122 --> 01:35:55.049 globally is such a huge burden of disease.
NOTE Confidence: 0.9368991333333333
01:35:55.050 --> 01:35:56.286 So I I yes,
NOTE Confidence: 0.9368991333333333
01:35:56.286 --> 01:35:57.831 your interests are are definitely
NOTE Confidence: 0.9368991333333333
01:35:57.831 --> 01:35:59.904 part of where the field's going
NOTE Confidence: 0.9368991333333333
01:35:59.904 --> 01:36:01.945 and we're always looking for folks
NOTE Confidence: 0.9368991333333333
01:36:01.945 --> 01:36:04.169 who have an expertise in it just on
NOTE Confidence: 0.9368991333333333
01:36:04.169 --> 01:36:05.865 the global nursery side and then
NOTE Confidence: 0.9368991333333333
01:36:05.865 --> 01:36:07.570 obviously on the public health side,
NOTE Confidence: 0.9368991333333333
01:36:07.570 --> 01:36:10.150 you know on the for all of us so much
NOTE Confidence: 0.9368991333333333
01:36:10.222 --> 01:36:12.872 of what we do has such an impact on on
NOTE Confidence: 0.9368991333333333
01:36:12.944 --> 01:36:14.943 public health and it's always helpful
NOTE Confidence: 0.9368991333333333
01:36:14.943 --> 01:36:16.569 to have somebody with that background.
NOTE Confidence: 0.945672459230769

01:36:18.600 --> 01:36:21.128 There's a lot of work going on in
NOTE Confidence: 0.945672459230769

01:36:21.128 --> 01:36:22.839 pediatric neurosurgery for global health.
NOTE Confidence: 0.945672459230769

01:36:22.840 --> 01:36:24.800 Ben Wharf is one of the key examples,
NOTE Confidence: 0.945672459230769

01:36:24.800 --> 01:36:26.116 but there are other individuals as well.
NOTE Confidence: 0.945672459230769

01:36:26.120 --> 01:36:28.290 One of my good friends just got
NOTE Confidence: 0.945672459230769

01:36:28.290 --> 01:36:30.849 back from a mission trip to the
NOTE Confidence: 0.945672459230769

01:36:30.849 --> 01:36:33.040 Ukraine with some of her mentors.
NOTE Confidence: 0.945672459230769

01:36:33.040 --> 01:36:34.960 She's a pediatric neurosurgery attending,
NOTE Confidence: 0.945672459230769

01:36:34.960 --> 01:36:36.860 but it was orchestrated by
NOTE Confidence: 0.945672459230769

01:36:36.860 --> 01:36:38.080 the Toronto group. So
NOTE Confidence: 0.93186755

01:36:38.400 --> 01:36:40.651 what I would say is that as a medical,
NOTE Confidence: 0.93186755

01:36:40.651 --> 01:36:43.065 I don't know what year you are Nana,
NOTE Confidence: 0.93186755

01:36:43.065 --> 01:36:46.630 but you know. Like like we like we
NOTE Confidence: 0.93186755

01:36:46.630 --> 01:36:48.209 all mentioned related to the to
NOTE Confidence: 0.93186755

01:36:48.209 --> 01:36:51.180 the idea of research in the field.
NOTE Confidence: 0.93186755

01:36:51.180 --> 01:36:53.740 You know the key is really going to be to

NOTE Confidence: 0.93186755

01:36:53.808 --> 01:36:56.365 attach yourself with someone who's very

NOTE Confidence: 0.93186755

01:36:56.365 --> 01:36:58.540 serious about about global neurosurgery.

NOTE Confidence: 0.93186755

01:36:58.540 --> 01:37:02.338 So that when you you know,

NOTE Confidence: 0.93186755

01:37:02.340 --> 01:37:03.620 I mean I I have to admit I was a,

NOTE Confidence: 0.93186755

01:37:03.620 --> 01:37:06.180 I was a you know molecular biologist and

NOTE Confidence: 0.93186755

01:37:06.180 --> 01:37:08.776 now like a cancer immunologist and and

NOTE Confidence: 0.93186755

01:37:08.780 --> 01:37:12.389 you know I can't claim to have this vast

NOTE Confidence: 0.93186755

01:37:12.389 --> 01:37:15.037 knowledge of global neurosurgery but.

NOTE Confidence: 0.93186755

01:37:15.040 --> 01:37:16.084 But you know,

NOTE Confidence: 0.93186755

01:37:16.084 --> 01:37:18.520 if that's going to be your shtick,

NOTE Confidence: 0.93186755

01:37:18.520 --> 01:37:20.760 you know, you have to be able to like you

NOTE Confidence: 0.93186755

01:37:20.817 --> 01:37:22.839 know attach yourself to someone who's

NOTE Confidence: 0.93186755

01:37:22.840 --> 01:37:25.279 who's going to mentor you and who's going to,

NOTE Confidence: 0.93186755

01:37:25.280 --> 01:37:27.205 you know, make sure that you come

NOTE Confidence: 0.93186755

01:37:27.205 --> 01:37:28.382 out of medical school.

NOTE Confidence: 0.93186755

01:37:28.382 --> 01:37:29.004 You know,
NOTE Confidence: 0.93186755

01:37:29.004 --> 01:37:31.590 having had an impact and having and having
NOTE Confidence: 0.93186755

01:37:31.590 --> 01:37:33.558 a unique understanding that you know,
NOTE Confidence: 0.93186755

01:37:33.560 --> 01:37:36.176 I don't have or you know any of
NOTE Confidence: 0.93186755

01:37:36.176 --> 01:37:38.219 the people who don't do global
NOTE Confidence: 0.93186755

01:37:38.219 --> 01:37:41.119 nursery or or or or or focused on,
NOTE Confidence: 0.93186755

01:37:41.120 --> 01:37:44.366 you know, public health evaluation of.
NOTE Confidence: 0.93186755

01:37:44.370 --> 01:37:48.210 Nurse surgical you know you know
NOTE Confidence: 0.93186755

01:37:48.210 --> 01:37:50.810 operations or you know practices
NOTE Confidence: 0.93186755

01:37:50.810 --> 01:37:52.798 you know that I think that's that's
NOTE Confidence: 0.93186755

01:37:52.798 --> 01:37:55.018 something that is that that you
NOTE Confidence: 0.93186755

01:37:55.018 --> 01:37:57.115 know you you know doing a public
NOTE Confidence: 0.93186755

01:37:57.115 --> 01:37:58.610 health degree having a public health
NOTE Confidence: 0.93186755

01:37:58.610 --> 01:38:00.438 degree is probably not enough but
NOTE Confidence: 0.93186755

01:38:00.438 --> 01:38:02.802 you just but showing that interest
NOTE Confidence: 0.93186755

01:38:02.802 --> 01:38:05.635 through your research will will make

NOTE Confidence: 0.93186755

01:38:05.635 --> 01:38:08.485 you stand out you know remarkably

NOTE Confidence: 0.99057055

01:38:10.890 --> 01:38:13.086 wonderful. So it's 813.

NOTE Confidence: 0.99057055

01:38:13.086 --> 01:38:15.550 So we're a little bit over time,

NOTE Confidence: 0.9469625333333333

01:38:15.550 --> 01:38:17.254 but I think I really appreciate

NOTE Confidence: 0.9469625333333333

01:38:17.254 --> 01:38:18.106 those last comments.

NOTE Confidence: 0.9469625333333333

01:38:18.110 --> 01:38:19.790 I think they were very valuable.

NOTE Confidence: 0.9469625333333333

01:38:19.790 --> 01:38:22.590 So I would like to just tremendously

NOTE Confidence: 0.9469625333333333

01:38:22.590 --> 01:38:24.950 thank all of the students,

NOTE Confidence: 0.9469625333333333

01:38:24.950 --> 01:38:26.275 the medical students and the

NOTE Confidence: 0.9469625333333333

01:38:26.275 --> 01:38:27.335 undergraduates who attended this

NOTE Confidence: 0.9469625333333333

01:38:27.335 --> 01:38:28.826 and thank you for your questions.

NOTE Confidence: 0.9469625333333333

01:38:28.830 --> 01:38:30.414 I'd also very much like to

NOTE Confidence: 0.9469625333333333

01:38:30.414 --> 01:38:32.150 thank all of the panelists,

NOTE Confidence: 0.9469625333333333

01:38:32.150 --> 01:38:34.854 the the AY AM, the Association

NOTE Confidence: 0.9469625333333333

01:38:34.854 --> 01:38:36.270 of the Yale Alumni in Medicine,

NOTE Confidence: 0.9469625333333333

01:38:36.270 --> 01:38:39.312 We do all kinds of things to try to.
NOTE Confidence: 0.9469625333333333

01:38:39.320 --> 01:38:41.155 Tap the tremendous reservoir of
NOTE Confidence: 0.9469625333333333

01:38:41.155 --> 01:38:43.808 knowledge and talent that is the alumni
NOTE Confidence: 0.9469625333333333

01:38:43.808 --> 01:38:46.052 base of the medical school residency
NOTE Confidence: 0.9469625333333333

01:38:46.052 --> 01:38:48.040 programs here at Yale New Haven Hospital.
NOTE Confidence: 0.9469625333333333

01:38:48.040 --> 01:38:50.154 And so this is just the first,
NOTE Confidence: 0.9469625333333333

01:38:50.160 --> 01:38:51.560 this is the launching program.
NOTE Confidence: 0.9469625333333333

01:38:51.560 --> 01:38:54.512 We intend to every two years rotate
NOTE Confidence: 0.9469625333333333

01:38:54.512 --> 01:38:56.942 through every clinical area that
NOTE Confidence: 0.9469625333333333

01:38:56.942 --> 01:38:58.852 that medical students would match
NOTE Confidence: 0.9469625333333333

01:38:58.852 --> 01:39:00.456 into and provide them this,
NOTE Confidence: 0.9469625333333333

01:39:00.456 --> 01:39:02.920 this video is going to be recorded,
NOTE Confidence: 0.9469625333333333

01:39:02.920 --> 01:39:04.205 it's being recorded and it's
NOTE Confidence: 0.9469625333333333

01:39:04.205 --> 01:39:05.782 going to be archived and so.
NOTE Confidence: 0.9469625333333333

01:39:05.782 --> 01:39:07.679 We want this to be a resource
NOTE Confidence: 0.9469625333333333

01:39:07.679 --> 01:39:09.408 and so we'll circle back.

NOTE Confidence: 0.9469625333333333

01:39:09.410 --> 01:39:10.073 In two years.

NOTE Confidence: 0.9469625333333333

01:39:10.073 --> 01:39:11.399 You had some of your neurosurgery

NOTE Confidence: 0.9469625333333333

01:39:11.399 --> 01:39:12.686 colleagues wanted to be on this panel,

NOTE Confidence: 0.9469625333333333

01:39:12.690 --> 01:39:13.926 but we had to limit it.

NOTE Confidence: 0.9469625333333333

01:39:13.930 --> 01:39:15.418 So in two years we'll do

NOTE Confidence: 0.9469625333333333

01:39:15.418 --> 01:39:16.410 this again with neurosurgery.

NOTE Confidence: 0.9469625333333333

01:39:16.410 --> 01:39:18.741 We want it to be a continuous

NOTE Confidence: 0.9469625333333333

01:39:18.741 --> 01:39:20.262 conversation because of the medical

NOTE Confidence: 0.9469625333333333

01:39:20.262 --> 01:39:21.966 students have all of these questions.

NOTE Confidence: 0.9469625333333333

01:39:21.970 --> 01:39:23.970 They have all of these desires to to

NOTE Confidence: 0.9469625333333333

01:39:23.970 --> 01:39:25.706 learn about the field they're going

NOTE Confidence: 0.9469625333333333

01:39:25.706 --> 01:39:27.482 into because it's of such import.

NOTE Confidence: 0.9469625333333333

01:39:27.490 --> 01:39:28.040 You know,

NOTE Confidence: 0.9469625333333333

01:39:28.040 --> 01:39:29.690 this is you're choosing the path

NOTE Confidence: 0.9469625333333333

01:39:29.690 --> 01:39:31.645 that's going to take you down the

NOTE Confidence: 0.9469625333333333

01:39:31.645 --> 01:39:32.995 rest of your life professionally.

NOTE Confidence: 0.9469625333333333

01:39:33.000 --> 01:39:34.566 So are there any last comments

NOTE Confidence: 0.9469625333333333

01:39:34.566 --> 01:39:36.240 from any of the panelists,

NOTE Confidence: 0.9469625333333333

01:39:36.240 --> 01:39:36.800 if not

NOTE Confidence: 0.884678939375

01:39:37.360 --> 01:39:39.880 I just want to say thank you Paul for

NOTE Confidence: 0.884678939375

01:39:39.880 --> 01:39:41.353 tolerating a bunch of neurosurgeons

NOTE Confidence: 0.884678939375

01:39:41.353 --> 01:39:43.985 as a non neurosurgeon I think that's

NOTE Confidence: 0.884678939375

01:39:43.985 --> 01:39:46.050 that's that's meaningful and that

NOTE Confidence: 0.884678939375

01:39:46.122 --> 01:39:48.576 shows your love of Yale and you

NOTE Confidence: 0.884678939375

01:39:48.576 --> 01:39:51.476 know you know and we we we really

NOTE Confidence: 0.884678939375

01:39:51.476 --> 01:39:53.690 appreciate it and you and thanks

NOTE Confidence: 0.884678939375

01:39:53.769 --> 01:39:55.668 for excellent moderating. Well

NOTE Confidence: 0.93270605

01:39:55.750 --> 01:39:57.710 thank you. I live to tell the tale.

NOTE Confidence: 0.93270605

01:39:57.710 --> 01:39:59.096 So listen, I think you guys are

NOTE Confidence: 0.93270605

01:39:59.096 --> 01:40:00.510 just a bunch of big pussycats.

NOTE Confidence: 0.93270605

01:40:00.510 --> 01:40:01.610 I think everything they

NOTE Confidence: 0.93270605

01:40:01.610 --> 01:40:02.985 tell you is not tricks.

NOTE Confidence: 0.93270605

01:40:02.990 --> 01:40:05.910 So anyway, no, I really enjoyed it.

NOTE Confidence: 0.93270605

01:40:05.910 --> 01:40:07.974 I spoke to almost every one of you

NOTE Confidence: 0.93270605

01:40:07.974 --> 01:40:09.870 individually and and and really enjoyed it.

NOTE Confidence: 0.93270605

01:40:09.870 --> 01:40:12.327 It's it's it's been very fulfilling for

NOTE Confidence: 0.93270605

01:40:12.327 --> 01:40:15.435 me to to launch this in this way so.

NOTE Confidence: 0.93270605

01:40:15.440 --> 01:40:17.638 Shaylen, who's sort of behind the scenes,

NOTE Confidence: 0.93270605

01:40:17.640 --> 01:40:19.600 the guru of this is going to put

NOTE Confidence: 0.93270605

01:40:19.600 --> 01:40:21.655 a slide up and it's just going to

NOTE Confidence: 0.93270605

01:40:21.655 --> 01:40:24.028 have each of your names and and ways

NOTE Confidence: 0.93270605

01:40:24.028 --> 01:40:25.887 in which medical students are or

NOTE Confidence: 0.93270605

01:40:25.887 --> 01:40:27.322 undergraduates could reach out to

NOTE Confidence: 0.93270605

01:40:27.322 --> 01:40:29.559 you if they have followup questions.

NOTE Confidence: 0.93270605

01:40:29.560 --> 01:40:31.928 And so thank you so much and have

NOTE Confidence: 0.93270605

01:40:31.928 --> 01:40:34.758 have an incredible evening all of you.

NOTE Confidence: 0.93270605

01:40:34.760 --> 01:40:35.200 Thank you.

NOTE Confidence: 0.9704438

01:40:35.840 --> 01:40:37.440 Thanks everyone. Thanks everyone.

NOTE Confidence: 0.963734866666667

01:40:37.880 --> 01:40:38.798 Great seeing everyone.

NOTE Confidence: 0.94629164

01:40:40.280 --> 01:40:42.680 Thank you for the invitation, 100%.