

WEBVTT

NOTE duration:"00:43:14.7730000"

NOTE language:en-us

NOTE Confidence: 0.872787117958069

00:00:00.000 --> 00:00:01.588 So we're live now.

NOTE Confidence: 0.818888902664185

00:00:02.530 --> 00:00:04.186 Yes alright hello everybody,

NOTE Confidence: 0.818888902664185

00:00:04.186 --> 00:00:05.428 thanks for joining

NOTE Confidence: 0.818888902664185

00:00:05.430 --> 00:00:07.722 us tonight. You know on Thursday

NOTE Confidence: 0.818888902664185

00:00:07.722 --> 00:00:10.400 night at 6:30 for Smilow shares,

NOTE Confidence: 0.818888902664185

00:00:10.400 --> 00:00:12.465 should you know or be

NOTE Confidence: 0.818888902664185

00:00:12.465 --> 00:00:14.117 screened for lung cancer?

NOTE Confidence: 0.818888902664185

00:00:14.120 --> 00:00:16.190 We have a great panel.

NOTE Confidence: 0.818888902664185

00:00:16.190 --> 00:00:18.787 Tonight we got Doctor Mike Conair M

NOTE Confidence: 0.818888902664185

00:00:18.787 --> 00:00:21.913 as well as myself and Doctor Rudolph

NOTE Confidence: 0.818888902664185

00:00:21.913 --> 00:00:24.811 who hopefully over the next little

NOTE Confidence: 0.818888902664185

00:00:24.900 --> 00:00:27.868 bit are just going to educate you a

NOTE Confidence: 0.818888902664185

00:00:27.868 --> 00:00:30.266 little bit about lung cancer screening

NOTE Confidence: 0.818888902664185

00:00:30.266 --> 00:00:32.336 about lung cancer in general.

NOTE Confidence: 0.818888902664185
00:00:32.340 --> 00:00:33.696 About smoking cessation.
NOTE Confidence: 0.818888902664185
00:00:33.696 --> 00:00:35.956 And answer any questions you
NOTE Confidence: 0.818888902664185
00:00:35.956 --> 00:00:38.100 have and really the goal.
NOTE Confidence: 0.818888902664185
00:00:38.100 --> 00:00:40.890 At the end of this is that you're all
NOTE Confidence: 0.818888902664185
00:00:40.890 --> 00:00:43.169 subject matter experts when it comes
NOTE Confidence: 0.818888902664185
00:00:43.169 --> 00:00:45.620 to being screened for lung cancer,
NOTE Confidence: 0.818888902664185
00:00:45.620 --> 00:00:47.410 and it certainly made it.
NOTE Confidence: 0.818888902664185
00:00:47.410 --> 00:00:49.558 Maybe it doesn't apply to you,
NOTE Confidence: 0.818888902664185
00:00:49.560 --> 00:00:52.773 but if you have a loved one or friend,
NOTE Confidence: 0.818888902664185
00:00:52.780 --> 00:00:55.244 you can certainly go out and educate
NOTE Confidence: 0.818888902664185
00:00:55.244 --> 00:00:57.787 them and tell them what you learn.
NOTE Confidence: 0.818888902664185
00:00:57.790 --> 00:01:00.289 Today I'm just going to talk a
NOTE Confidence: 0.818888902664185
00:01:00.289 --> 00:01:02.772 little bit about the folks that are
NOTE Confidence: 0.818888902664185
00:01:02.772 --> 00:01:05.310 going to be talking to us today.
NOTE Confidence: 0.818888902664185
00:01:05.310 --> 00:01:07.100 Doctor Mike is medical oncologist,
NOTE Confidence: 0.818888902664185

00:01:07.100 --> 00:01:08.732 trained at Mount Sinai?
NOTE Confidence: 0.818888902664185

00:01:08.732 --> 00:01:11.180 What did his fellowship at the
NOTE Confidence: 0.818888902664185

00:01:11.259 --> 00:01:13.659 Yale School of Medicine and also
NOTE Confidence: 0.818888902664185

00:01:13.659 --> 00:01:15.570 did his residency up at?
NOTE Confidence: 0.818888902664185

00:01:15.570 --> 00:01:17.635 Brown has multiple awards with
NOTE Confidence: 0.818888902664185

00:01:17.635 --> 00:01:19.700 the Castle Connolly top Dr,
NOTE Confidence: 0.818888902664185

00:01:19.700 --> 00:01:21.730 as well as in Connecticut's
NOTE Confidence: 0.818888902664185

00:01:21.730 --> 00:01:24.240 magazine top Dr and you know,
NOTE Confidence: 0.818888902664185

00:01:24.240 --> 00:01:26.574 currently has his practice in Park
NOTE Confidence: 0.818888902664185

00:01:26.574 --> 00:01:29.733 Ave as well as in Fairfield and
NOTE Confidence: 0.818888902664185

00:01:29.733 --> 00:01:32.263 sees folks at Bridgeport Hospital.
NOTE Confidence: 0.818888902664185

00:01:32.270 --> 00:01:34.160 The other panelists that we
NOTE Confidence: 0.818888902664185

00:01:34.160 --> 00:01:35.672 have is Doctor Rudolph.
NOTE Confidence: 0.818888902664185

00:01:35.680 --> 00:01:38.158 Doctor Rudolph has been a community
NOTE Confidence: 0.818888902664185

00:01:38.158 --> 00:01:40.195 pulmonary physician now practicing in
NOTE Confidence: 0.818888902664185

00:01:40.195 --> 00:01:42.115 Fairfield County for over 30 years.

NOTE Confidence: 0.818888902664185
00:01:42.120 --> 00:01:44.090 I specialize in the evaluation
NOTE Confidence: 0.818888902664185
00:01:44.090 --> 00:01:45.666 and treatment of respiratory
NOTE Confidence: 0.818888902664185
00:01:45.666 --> 00:01:47.049 diseases to include COPD,
NOTE Confidence: 0.818888902664185
00:01:47.050 --> 00:01:48.438 asthma and lung cancer,
NOTE Confidence: 0.818888902664185
00:01:48.438 --> 00:01:51.220 and he does have a special interest.
NOTE Confidence: 0.818888902664185
00:01:51.220 --> 00:01:52.423 Actually, nicotine addiction,
NOTE Confidence: 0.818888902664185
00:01:52.423 --> 00:01:55.230 which I think he's going to talk
NOTE Confidence: 0.818888902664185
00:01:55.300 --> 00:01:56.528 a little bit about.
NOTE Confidence: 0.818888902664185
00:01:56.530 --> 00:01:58.480 He went to the medical medical
NOTE Confidence: 0.818888902664185
00:01:58.480 --> 00:02:00.782 school then why you did his
NOTE Confidence: 0.818888902664185
00:02:00.782 --> 00:02:02.646 pulmonary critical care fellowship?
NOTE Confidence: 0.818888902664185
00:02:02.650 --> 00:02:04.003 Albert Einstein montefiore.
NOTE Confidence: 0.818888902664185
00:02:04.003 --> 00:02:08.249 So I guess what will do is get started.
NOTE Confidence: 0.818888902664185
00:02:08.250 --> 00:02:11.306 I think one of the things I want
NOTE Confidence: 0.818888902664185
00:02:11.306 --> 00:02:14.288 to do is if you can see it,
NOTE Confidence: 0.818888902664185

00:02:14.290 --> 00:02:16.712 I'm going to open it up and
NOTE Confidence: 0.818888902664185

00:02:16.712 --> 00:02:18.430 then share my screen.
NOTE Confidence: 0.818888902664185

00:02:18.430 --> 00:02:20.686 There is a link in your.
NOTE Confidence: 0.914393842220306

00:02:23.950 --> 00:02:27.326 You cannot start sharing. Hey Jean,
NOTE Confidence: 0.914393842220306

00:02:27.326 --> 00:02:28.950 do you mind if I share for 2nd?
NOTE Confidence: 0.838359951972961

00:02:44.050 --> 00:02:46.008 There is a link in your, um,
NOTE Confidence: 0.838359951972961

00:02:46.008 --> 00:02:48.390 I can't seem to get it right now,
NOTE Confidence: 0.838359951972961

00:02:48.390 --> 00:02:50.502 but there's a link in your chat box
NOTE Confidence: 0.838359951972961

00:02:50.502 --> 00:02:52.811 that if you click on it is a story
NOTE Confidence: 0.838359951972961

00:02:52.811 --> 00:02:54.649 that came out just recently about
NOTE Confidence: 0.838359951972961

00:02:54.649 --> 00:02:57.057 one of the success stories with lung
NOTE Confidence: 0.838359951972961

00:02:57.060 --> 00:02:58.806 cancer screening someone that all of
NOTE Confidence: 0.838359951972961

00:02:58.806 --> 00:03:00.809 us here are treated just last year.
NOTE Confidence: 0.838359951972961

00:03:00.810 --> 00:03:03.704 And if you can't get the link, let me know.
NOTE Confidence: 0.838359951972961

00:03:03.704 --> 00:03:05.150 Unroll Ruth, send it out.
NOTE Confidence: 0.838359951972961

00:03:05.150 --> 00:03:07.175 So, Gene, if you want to go

NOTE Confidence: 0.838359951972961
00:03:07.175 --> 00:03:08.620 back to sharing your slides.
NOTE Confidence: 0.83313661813736
00:03:17.980 --> 00:03:20.784 Doctor Rudolph will start with his
NOTE Confidence: 0.83313661813736
00:03:20.784 --> 00:03:23.580 will start off with Doctor Rudolph.
NOTE Confidence: 0.719466328620911
00:03:24.900 --> 00:03:32.400 Do you want to unmute yourself, Dan?
NOTE Confidence: 0.931966543197632
00:03:53.580 --> 00:04:04.044 Are you able
NOTE Confidence: 0.931966543197632
00:04:04.044 --> 00:04:14.508 to hear me?
NOTE Confidence: 0.931966543197632
00:04:14.510 --> 00:04:17.380 Yes.
NOTE Confidence: 0.893782496452332
00:04:18.030 --> 00:04:21.246 OK, I don't see my visual.
NOTE Confidence: 0.91284191608429
00:04:21.250 --> 00:04:31.130 OK.
NOTE Confidence: 0.843992246233898
00:04:31.130 --> 00:04:35.258 Good evening. Are the road to lung cancer
NOTE Confidence: 0.843992246233898
00:04:35.258 --> 00:04:38.878 screening very often starts in the primary
NOTE Confidence: 0.843992246233898
00:04:38.878 --> 00:04:43.028 care office and the office home and Ologist?
NOTE Confidence: 0.843992246233898
00:04:43.030 --> 00:04:47.097 The taking of of a history includes
NOTE Confidence: 0.843992246233898
00:04:47.097 --> 00:04:52.026 trying to evaluate the degree of risk that
NOTE Confidence: 0.843992246233898
00:04:52.026 --> 00:04:55.960 includes how much each individual smokes.
NOTE Confidence: 0.843992246233898

00:04:55.960 --> 00:04:59.425 Every primary care doctor and
NOTE Confidence: 0.843992246233898

00:04:59.425 --> 00:05:02.890 pulmonologist spends time in this.
NOTE Confidence: 0.843992246233898

00:05:02.890 --> 00:05:06.352 Anne tries to evaluate whether patients
NOTE Confidence: 0.843992246233898

00:05:06.352 --> 00:05:11.448 are at risk or candidates for screening.
NOTE Confidence: 0.843992246233898

00:05:11.450 --> 00:05:14.159 As most of the medical profession knows,
NOTE Confidence: 0.843992246233898

00:05:14.160 --> 00:05:16.848 people who smoke a pack a day
NOTE Confidence: 0.843992246233898

00:05:16.848 --> 00:05:19.188 for 30 years are at risk.
NOTE Confidence: 0.843992246233898

00:05:19.190 --> 00:05:22.040 An are sent for screening.
NOTE Confidence: 0.843992246233898

00:05:22.040 --> 00:05:24.032 The problem of nicotine
NOTE Confidence: 0.843992246233898

00:05:24.032 --> 00:05:25.526 addiction is enormous.
NOTE Confidence: 0.843992246233898

00:05:25.530 --> 00:05:29.184 Most of our patients with a nicotine
NOTE Confidence: 0.843992246233898

00:05:29.184 --> 00:05:31.426 addiction problem are carefully
NOTE Confidence: 0.843992246233898

00:05:31.426 --> 00:05:33.734 interviewed and evaluated when
NOTE Confidence: 0.843992246233898

00:05:33.734 --> 00:05:37.340 their first seen in our office.
NOTE Confidence: 0.843992246233898

00:05:37.340 --> 00:05:40.658 The degree of their problem very often
NOTE Confidence: 0.843992246233898

00:05:40.658 --> 00:05:44.178 lies in their addiction to nicotine,

NOTE Confidence: 0.843992246233898
00:05:44.180 --> 00:05:46.810 which is a chemical addiction.
NOTE Confidence: 0.843992246233898
00:05:46.810 --> 00:05:50.110 Many people don't understand this problem
NOTE Confidence: 0.843992246233898
00:05:50.110 --> 00:05:54.029 well or understand the possible solutions.
NOTE Confidence: 0.843992246233898
00:05:54.030 --> 00:05:56.724 Screening is obviously one of the
NOTE Confidence: 0.843992246233898
00:05:56.724 --> 00:05:59.596 more important tools we have in
NOTE Confidence: 0.843992246233898
00:05:59.596 --> 00:06:01.580 evaluating whether their addiction
NOTE Confidence: 0.843992246233898
00:06:01.580 --> 00:06:04.360 will lead to medical problems,
NOTE Confidence: 0.843992246233898
00:06:04.360 --> 00:06:06.324 including chronic lung disease,
NOTE Confidence: 0.843992246233898
00:06:06.324 --> 00:06:09.680 heart disease, or malignancy.
NOTE Confidence: 0.843992246233898
00:06:09.680 --> 00:06:11.984 We have a number of tools
NOTE Confidence: 0.843992246233898
00:06:11.984 --> 00:06:14.310 available to help these patients.
NOTE Confidence: 0.843992246233898
00:06:14.310 --> 00:06:16.866 That includes pharmacology,
NOTE Confidence: 0.843992246233898
00:06:16.866 --> 00:06:21.450 medical therapy, and counseling.
NOTE Confidence: 0.843992246233898
00:06:21.450 --> 00:06:24.200 We have to be very careful when we take
NOTE Confidence: 0.843992246233898
00:06:24.200 --> 00:06:27.004 the histories to make certain that we get
NOTE Confidence: 0.843992246233898

00:06:27.004 --> 00:06:28.934 accurate histories of their addiction.
NOTE Confidence: 0.843992246233898

00:06:28.940 --> 00:06:31.220 Very often it's not that simple.
NOTE Confidence: 0.843992246233898

00:06:31.220 --> 00:06:33.746 People are not very forthright and
NOTE Confidence: 0.843992246233898

00:06:33.746 --> 00:06:35.430 giving us accurate information
NOTE Confidence: 0.843992246233898

00:06:35.497 --> 00:06:37.825 about the degree of their addiction.
NOTE Confidence: 0.843992246233898

00:06:37.830 --> 00:06:42.933 But if time is spent in the initial visits.
NOTE Confidence: 0.843992246233898

00:06:42.940 --> 00:06:44.305 Carefully understanding the
NOTE Confidence: 0.843992246233898

00:06:44.305 --> 00:06:45.670 severity of addiction,
NOTE Confidence: 0.843992246233898

00:06:45.670 --> 00:06:48.659 then proper steps can be taken to
NOTE Confidence: 0.843992246233898

00:06:48.659 --> 00:06:52.039 try to help and correct an treat.
NOTE Confidence: 0.843992246233898

00:06:52.040 --> 00:06:53.046 Their addiction,
NOTE Confidence: 0.843992246233898

00:06:53.046 --> 00:06:55.561 recognizing that it's a chemical
NOTE Confidence: 0.843992246233898

00:06:55.561 --> 00:06:58.299 addiction is the first priority.
NOTE Confidence: 0.843992246233898

00:06:58.300 --> 00:07:01.444 Referring them to sub specialist to
NOTE Confidence: 0.843992246233898

00:07:01.444 --> 00:07:04.055 treat the possible complications of
NOTE Confidence: 0.843992246233898

00:07:04.055 --> 00:07:06.235 their addiction is also critical

NOTE Confidence: 0.843992246233898
00:07:06.235 --> 00:07:07.543 in my practice.
NOTE Confidence: 0.843992246233898
00:07:07.550 --> 00:07:10.961 I found over many years that one of the
NOTE Confidence: 0.843992246233898
00:07:10.961 --> 00:07:14.050 primary treatments of their addiction
NOTE Confidence: 0.843992246233898
00:07:14.050 --> 00:07:17.325 include nicotine supplements or medication.
NOTE Confidence: 0.843992246233898
00:07:17.330 --> 00:07:19.765 It's very difficult to conquer
NOTE Confidence: 0.843992246233898
00:07:19.765 --> 00:07:21.713 addiction of nicotine without
NOTE Confidence: 0.843992246233898
00:07:21.713 --> 00:07:24.339 the support of medical therapy.
NOTE Confidence: 0.843992246233898
00:07:24.340 --> 00:07:24.786 Also,
NOTE Confidence: 0.843992246233898
00:07:24.786 --> 00:07:27.462 the addition of of counseling has
NOTE Confidence: 0.843992246233898
00:07:27.462 --> 00:07:30.150 been found to be very useful.
NOTE Confidence: 0.843992246233898
00:07:30.150 --> 00:07:32.684 It's a pleasure to be working with
NOTE Confidence: 0.843992246233898
00:07:32.684 --> 00:07:35.178 a group of physicians and smilow
NOTE Confidence: 0.843992246233898
00:07:35.178 --> 00:07:38.272 to try to treat these patients in
NOTE Confidence: 0.843992246233898
00:07:38.359 --> 00:07:40.288 a collaborative fashion.
NOTE Confidence: 0.843992246233898
00:07:40.290 --> 00:07:43.210 The center is offered counseling
NOTE Confidence: 0.843992246233898

00:07:43.210 --> 00:07:45.546 programs and screening programs.
NOTE Confidence: 0.843992246233898

00:07:45.550 --> 00:07:48.860 There are critical and trying
NOTE Confidence: 0.843992246233898

00:07:48.860 --> 00:07:52.170 to address this serious problem.
NOTE Confidence: 0.843992246233898

00:07:52.170 --> 00:07:54.726 In my 30 years of practice,
NOTE Confidence: 0.843992246233898

00:07:54.730 --> 00:07:58.051 I have to say over the past years couple
NOTE Confidence: 0.843992246233898

00:07:58.051 --> 00:08:01.555 years since the development of this program,
NOTE Confidence: 0.843992246233898

00:08:01.560 --> 00:08:04.122 we've been able to collaborate and
NOTE Confidence: 0.843992246233898

00:08:04.122 --> 00:08:06.752 focus on the treatment of these
NOTE Confidence: 0.843992246233898

00:08:06.752 --> 00:08:09.272 patients an refer them to the
NOTE Confidence: 0.843992246233898

00:08:09.272 --> 00:08:11.389 screening program for lung cancer,
NOTE Confidence: 0.843992246233898

00:08:11.390 --> 00:08:14.270 which is critical in preventing.
NOTE Confidence: 0.843992246233898

00:08:14.270 --> 00:08:16.415 Life threatening malignancy's
NOTE Confidence: 0.843992246233898

00:08:16.415 --> 00:08:19.275 in our patient population.
NOTE Confidence: 0.843992246233898

00:08:19.280 --> 00:08:22.065 The cigarette smoking is probably
NOTE Confidence: 0.843992246233898

00:08:22.065 --> 00:08:24.850 one of the leading preventable
NOTE Confidence: 0.843992246233898

00:08:24.938 --> 00:08:27.806 causes of death in our community.

NOTE Confidence: 0.843992246233898
00:08:27.810 --> 00:08:29.774 The risks are enormous.
NOTE Confidence: 0.843992246233898
00:08:29.774 --> 00:08:32.229 Obviously the risks of medical
NOTE Confidence: 0.843992246233898
00:08:32.229 --> 00:08:34.738 issues regarding heart disease,
NOTE Confidence: 0.843992246233898
00:08:34.740 --> 00:08:36.336 chronic lung disease,
NOTE Confidence: 0.843992246233898
00:08:36.336 --> 00:08:39.528 which I face in my office,
NOTE Confidence: 0.843992246233898
00:08:39.530 --> 00:08:42.200 and malignancy, particularly lung cancer,
NOTE Confidence: 0.843992246233898
00:08:42.200 --> 00:08:45.924 are the most common problems they face.
NOTE Confidence: 0.902418792247772
00:08:48.010 --> 00:08:48.800 Next line.
NOTE Confidence: 0.8658327460289
00:08:51.680 --> 00:08:54.614 This slide just focuses on the
NOTE Confidence: 0.8658327460289
00:08:54.614 --> 00:08:56.566 problem of nicotine addiction,
NOTE Confidence: 0.8658327460289
00:08:56.570 --> 00:08:59.522 which is basically the problem where
NOTE Confidence: 0.8658327460289
00:08:59.522 --> 00:09:03.418 nicotine attaches to a receptor in the brain,
NOTE Confidence: 0.8658327460289
00:09:03.420 --> 00:09:05.376 causing neurotransmitters or chemicals
NOTE Confidence: 0.8658327460289
00:09:05.376 --> 00:09:08.310 that lead to a calm sensation,
NOTE Confidence: 0.8658327460289
00:09:08.310 --> 00:09:11.238 making it very difficult to break.
NOTE Confidence: 0.8658327460289

00:09:11.240 --> 00:09:15.195 This pattern of cycle the cycle cycling

NOTE Confidence: 0.8658327460289

00:09:15.195 --> 00:09:18.520 pattern that causes people to smoke.

NOTE Confidence: 0.8658327460289

00:09:18.520 --> 00:09:20.128 Nicotine replacement therapies

NOTE Confidence: 0.8658327460289

00:09:20.128 --> 00:09:22.808 and medical therapies have been

NOTE Confidence: 0.8658327460289

00:09:22.808 --> 00:09:25.190 very useful and are critical.

NOTE Confidence: 0.8658327460289

00:09:25.190 --> 00:09:29.390 As I mentioned in addressing the problem.

NOTE Confidence: 0.8658327460289

00:09:29.390 --> 00:09:30.250 Next slide.

NOTE Confidence: 0.88853132724762

00:09:32.630 --> 00:09:34.330 The reason that we're

NOTE Confidence: 0.88853132724762

00:09:34.330 --> 00:09:36.915 here tonight is because of

NOTE Confidence: 0.88853132724762

00:09:36.915 --> 00:09:38.983 the American smoke out.

NOTE Confidence: 0.88853132724762

00:09:38.990 --> 00:09:42.824 The problem of of smoking in

NOTE Confidence: 0.88853132724762

00:09:42.824 --> 00:09:45.380 this community is enormous.

NOTE Confidence: 0.88853132724762

00:09:45.380 --> 00:09:48.985 The new problems related to vaping in

NOTE Confidence: 0.88853132724762

00:09:48.985 --> 00:09:51.500 our adolescent population has grown

NOTE Confidence: 0.88853132724762

00:09:51.500 --> 00:09:54.140 and has become a serious problem.

NOTE Confidence: 0.88853132724762

00:09:54.140 --> 00:09:56.085 The American Cancer Society has

NOTE Confidence: 0.88853132724762
00:09:56.085 --> 00:09:58.518 allowed us to have the opportunity
NOTE Confidence: 0.88853132724762
00:09:58.518 --> 00:10:00.984 to get together tonight and talk
NOTE Confidence: 0.88853132724762
00:10:00.984 --> 00:10:03.658 a little bit about this program.
NOTE Confidence: 0.88853132724762
00:10:03.660 --> 00:10:06.075 This problem and the programs
NOTE Confidence: 0.88853132724762
00:10:06.075 --> 00:10:08.490 devoted to address the problem.
NOTE Confidence: 0.88853132724762
00:10:08.490 --> 00:10:11.394 Community recognition Is primarily
NOTE Confidence: 0.88853132724762
00:10:11.394 --> 00:10:16.415 one of the most important ways that
NOTE Confidence: 0.88853132724762
00:10:16.415 --> 00:10:20.244 we can focus on this problem and
NOTE Confidence: 0.88853132724762
00:10:20.244 --> 00:10:23.117 address the severe complications
NOTE Confidence: 0.88853132724762
00:10:23.117 --> 00:10:27.267 that occur with this addiction.
NOTE Confidence: 0.881448268890381
00:10:30.900 --> 00:10:33.626 I'll move on to allow my colleagues
NOTE Confidence: 0.881448268890381
00:10:33.626 --> 00:10:36.520 to speak about the details of the
NOTE Confidence: 0.881448268890381
00:10:36.520 --> 00:10:38.660 cancer screening program and some
NOTE Confidence: 0.881448268890381
00:10:38.660 --> 00:10:41.571 of the issues relating lung can't
NOTE Confidence: 0.881448268890381
00:10:41.571 --> 00:10:44.036 really related to lung cancer.
NOTE Confidence: 0.88439804315567

00:10:46.480 --> 00:10:47.586 Yeah, that was great.
NOTE Confidence: 0.88439804315567

00:10:47.586 --> 00:10:49.490 That was really a nice overview of
NOTE Confidence: 0.88439804315567

00:10:49.552 --> 00:10:50.752 some nicotine addiction and
NOTE Confidence: 0.88439804315567

00:10:50.752 --> 00:10:52.770 some of the efforts that go on.
NOTE Confidence: 0.88439804315567

00:10:52.770 --> 00:10:55.344 You know, both in your practice and you know,
NOTE Confidence: 0.88439804315567

00:10:55.350 --> 00:10:57.174 throughout the County to help people
NOTE Confidence: 0.88439804315567

00:10:57.174 --> 00:10:59.347 quit smoking in your in your 30 years.
NOTE Confidence: 0.88439804315567

00:10:59.350 --> 00:11:00.958 What what have you notice has
NOTE Confidence: 0.88439804315567

00:11:00.958 --> 00:11:02.395 been the most successful that's
NOTE Confidence: 0.88439804315567

00:11:02.395 --> 00:11:03.930 helped people either you know,
NOTE Confidence: 0.88439804315567

00:11:03.930 --> 00:11:06.500 cut back or quit. My
NOTE Confidence: 0.902295112609863

00:11:06.500 --> 00:11:09.500 personal experience is that to
NOTE Confidence: 0.902295112609863

00:11:09.500 --> 00:11:12.500 allow patients to understand that
NOTE Confidence: 0.902295112609863

00:11:12.599 --> 00:11:15.319 this is a chemical addiction.
NOTE Confidence: 0.902295112609863

00:11:15.320 --> 00:11:20.288 It is one of the primary challenges as a.
NOTE Confidence: 0.902295112609863

00:11:20.290 --> 00:11:21.466 Health care provider.

NOTE Confidence: 0.902295112609863
00:11:21.466 --> 00:11:23.818 A lot of people don't realize
NOTE Confidence: 0.902295112609863
00:11:23.818 --> 00:11:25.875 that nicotine addiction is
NOTE Confidence: 0.902295112609863
00:11:25.875 --> 00:11:27.995 basically a chemical addiction,
NOTE Confidence: 0.902295112609863
00:11:28.000 --> 00:11:30.352 and if they are able to understand
NOTE Confidence: 0.902295112609863
00:11:30.352 --> 00:11:32.960 it as a chemical addiction,
NOTE Confidence: 0.902295112609863
00:11:32.960 --> 00:11:36.272 the more apt to be able to accept
NOTE Confidence: 0.902295112609863
00:11:36.272 --> 00:11:38.693 medical treatment, which I think.
NOTE Confidence: 0.902295112609863
00:11:38.693 --> 00:11:40.286 With medications including
NOTE Confidence: 0.902295112609863
00:11:40.286 --> 00:11:41.879 Chantix or nicotine,
NOTE Confidence: 0.902295112609863
00:11:41.880 --> 00:11:44.290 supplements are required to conquer.
NOTE Confidence: 0.902295112609863
00:11:44.290 --> 00:11:46.780 The addiction is very difficult
NOTE Confidence: 0.902295112609863
00:11:46.780 --> 00:11:50.695 and I haven't seen a lot of people
NOTE Confidence: 0.902295112609863
00:11:50.695 --> 00:11:53.782 who quote go cold Turkey and are
NOTE Confidence: 0.902295112609863
00:11:53.878 --> 00:11:56.848 able to stay away from relapse,
NOTE Confidence: 0.902295112609863
00:11:56.850 --> 00:11:59.270 which leads to continued smoking.
NOTE Confidence: 0.902295112609863

00:11:59.270 --> 00:12:02.156 So recognizing it as an addiction,
NOTE Confidence: 0.902295112609863

00:12:02.160 --> 00:12:05.548 knowing that it's really a chemical problem,
NOTE Confidence: 0.902295112609863

00:12:05.550 --> 00:12:08.819 is the only there's one of the
NOTE Confidence: 0.902295112609863

00:12:08.819 --> 00:12:11.349 things I've learned many years.
NOTE Confidence: 0.902295112609863

00:12:11.350 --> 00:12:12.930 The man used to practice.
NOTE Confidence: 0.890427470207214

00:12:13.930 --> 00:12:14.755 No, that's great.
NOTE Confidence: 0.890427470207214

00:12:14.755 --> 00:12:16.680 I think you know Amy put a
NOTE Confidence: 0.890427470207214

00:12:16.746 --> 00:12:18.580 question in the chat box for you
NOTE Confidence: 0.890427470207214

00:12:18.580 --> 00:12:20.748 and I for any of the attendees.
NOTE Confidence: 0.890427470207214

00:12:20.750 --> 00:12:22.738 Please use the chat box if you
NOTE Confidence: 0.890427470207214

00:12:22.738 --> 00:12:23.590 have some questions.
NOTE Confidence: 0.890427470207214

00:12:23.590 --> 00:12:26.137 We're happy to feel them as they come in,
NOTE Confidence: 0.890427470207214

00:12:26.140 --> 00:12:26.634 she says.
NOTE Confidence: 0.890427470207214

00:12:26.634 --> 00:12:28.363 Do you find that there are a
NOTE Confidence: 0.890427470207214

00:12:28.363 --> 00:12:30.418 lot of side effects from the
NOTE Confidence: 0.890427470207214

00:12:30.418 --> 00:12:31.810 medications given to patients

NOTE Confidence: 0.890427470207214
00:12:31.810 --> 00:12:33.890 that are used to assist with
NOTE Confidence: 0.890427470207214
00:12:33.890 --> 00:12:35.226 stopping them from smoking?
NOTE Confidence: 0.890427470207214
00:12:35.230 --> 00:12:35.870 The
NOTE Confidence: 0.873138785362244
00:12:35.870 --> 00:12:39.160 nicotine supplements have very few
NOTE Confidence: 0.873138785362244
00:12:39.160 --> 00:12:42.450 side effects because basically they're
NOTE Confidence: 0.873138785362244
00:12:42.549 --> 00:12:46.155 delivering nicotine in a different form.
NOTE Confidence: 0.873138785362244
00:12:46.160 --> 00:12:49.034 That includes gum lozenge yours or
NOTE Confidence: 0.873138785362244
00:12:49.034 --> 00:12:51.720 trans dermal applications of nicotine,
NOTE Confidence: 0.873138785362244
00:12:51.720 --> 00:12:53.736 so nicotine supplements are
NOTE Confidence: 0.873138785362244
00:12:53.736 --> 00:12:56.256 unlikely to cause side effects.
NOTE Confidence: 0.873138785362244
00:12:56.260 --> 00:12:58.855 Unfortunately the other medications which
NOTE Confidence: 0.873138785362244
00:12:58.855 --> 00:13:02.830 include a drug called well buitron with his,
NOTE Confidence: 0.873138785362244
00:13:02.830 --> 00:13:05.350 which is basically an antidepressant,
NOTE Confidence: 0.873138785362244
00:13:05.350 --> 00:13:09.895 can have side effects and so can chant X,
NOTE Confidence: 0.873138785362244
00:13:09.900 --> 00:13:14.065 which is well known for mood disorders.
NOTE Confidence: 0.873138785362244

00:13:14.070 --> 00:13:18.718 But I find that the rarity of these
NOTE Confidence: 0.873138785362244

00:13:18.718 --> 00:13:21.866 drug complications. He is not.
NOTE Confidence: 0.873138785362244

00:13:21.866 --> 00:13:25.176 Excluding people from drug trials,
NOTE Confidence: 0.873138785362244

00:13:25.180 --> 00:13:27.889 I do think everybody who is faced
NOTE Confidence: 0.873138785362244

00:13:27.889 --> 00:13:30.314 with this addiction should be given
NOTE Confidence: 0.873138785362244

00:13:30.314 --> 00:13:32.696 the opportunity for a drug trial.
NOTE Confidence: 0.873138785362244

00:13:32.700 --> 00:13:35.112 An one of the more important
NOTE Confidence: 0.873138785362244

00:13:35.112 --> 00:13:37.060 things is to follow up.
NOTE Confidence: 0.873138785362244

00:13:37.060 --> 00:13:39.316 See these patients after their placed
NOTE Confidence: 0.873138785362244

00:13:39.316 --> 00:13:41.810 on medications on a monthly basis,
NOTE Confidence: 0.873138785362244

00:13:41.810 --> 00:13:44.609 not let them go and return a year later
NOTE Confidence: 0.873138785362244

00:13:44.609 --> 00:13:47.639 but return in a monthly fashion really
NOTE Confidence: 0.873138785362244

00:13:47.639 --> 00:13:50.130 reassess their response to medicine.
NOTE Confidence: 0.873138785362244

00:13:50.130 --> 00:13:52.230 And there was an their ability
NOTE Confidence: 0.873138785362244

00:13:52.230 --> 00:13:54.570 to cut down on cigarettes.
NOTE Confidence: 0.873138785362244

00:13:54.570 --> 00:13:56.646 Very often it's a slow process.

NOTE Confidence: 0.873138785362244
00:13:56.650 --> 00:13:59.410 It occurs over a long period of time,
NOTE Confidence: 0.873138785362244
00:13:59.410 --> 00:14:01.398 cutting down from one pack to 1/2
NOTE Confidence: 0.873138785362244
00:14:01.398 --> 00:14:03.442 pack to five cigarettes to eliminate
NOTE Confidence: 0.873138785362244
00:14:03.442 --> 00:14:05.698 ING cigarettes is the strategy that
NOTE Confidence: 0.873138785362244
00:14:05.698 --> 00:14:08.329 I very often use when dealing with
NOTE Confidence: 0.873138785362244
00:14:08.329 --> 00:14:10.136 somebody who's addicted to nicotine
NOTE Confidence: 0.873138785362244
00:14:10.136 --> 00:14:12.904 and smoking more in the pack a day.
NOTE Confidence: 0.813844740390778
00:14:14.630 --> 00:14:15.575 Now that's great.
NOTE Confidence: 0.813844740390778
00:14:15.575 --> 00:14:17.465 That was a great question Amy.
NOTE Confidence: 0.813844740390778
00:14:17.470 --> 00:14:19.050 And then you know Dan.
NOTE Confidence: 0.813844740390778
00:14:19.050 --> 00:14:20.946 Just one more question for you.
NOTE Confidence: 0.813844740390778
00:14:20.950 --> 00:14:21.697 You know what?
NOTE Confidence: 0.813844740390778
00:14:21.697 --> 00:14:23.440 Any do you have like a a
NOTE Confidence: 0.813844740390778
00:14:23.504 --> 00:14:25.008 success story that's memorable
NOTE Confidence: 0.813844740390778
00:14:25.008 --> 00:14:27.264 of someone you were able to.
NOTE Confidence: 0.813844740390778

00:14:27.270 --> 00:14:29.461 You know help quit smoking where and
NOTE Confidence: 0.813844740390778

00:14:29.461 --> 00:14:31.689 any you know recent or you know,
NOTE Confidence: 0.813844740390778

00:14:31.690 --> 00:14:32.954 long range success stories
NOTE Confidence: 0.813844740390778

00:14:32.954 --> 00:14:35.950 that you that you remember. It
NOTE Confidence: 0.884556781500578

00:14:35.950 --> 00:14:39.442 it it happens. It's funny because
NOTE Confidence: 0.884556781500578

00:14:39.442 --> 00:14:42.924 people don't usually have a dramatic
NOTE Confidence: 0.884556781500578

00:14:42.924 --> 00:14:46.464 time where they quit. It's a process,
NOTE Confidence: 0.884556781500578

00:14:46.464 --> 00:14:49.810 so it occurs over over years time.
NOTE Confidence: 0.884556781500578

00:14:49.810 --> 00:14:52.115 Unfortunately, the ones I remember
NOTE Confidence: 0.884556781500578

00:14:52.115 --> 00:14:55.018 of our people that are facing
NOTE Confidence: 0.884556781500578

00:14:55.018 --> 00:14:58.120 illnesses that are caused by nicotine
NOTE Confidence: 0.884556781500578

00:14:58.120 --> 00:15:00.809 addiction and force them to quit.
NOTE Confidence: 0.884556781500578

00:15:00.810 --> 00:15:02.510 But I try very.
NOTE Confidence: 0.884556781500578

00:15:02.510 --> 00:15:05.764 I usually apply a lot of pressure
NOTE Confidence: 0.884556781500578

00:15:05.764 --> 00:15:09.943 on the younger patients that I have.
NOTE Confidence: 0.884556781500578

00:15:09.950 --> 00:15:11.840 And I'd say that of all

NOTE Confidence: 0.884556781500578
00:15:11.840 --> 00:15:13.550 the patients that I have,
NOTE Confidence: 0.884556781500578
00:15:13.550 --> 00:15:15.506 the most memorable are the adolescents.
NOTE Confidence: 0.884556781500578
00:15:15.510 --> 00:15:17.784 If I can get an adolescent
NOTE Confidence: 0.884556781500578
00:15:17.784 --> 00:15:19.300 to stop vaping nicotine.
NOTE Confidence: 0.884556781500578
00:15:19.300 --> 00:15:21.640 And understand the risks of complications
NOTE Confidence: 0.884556781500578
00:15:21.640 --> 00:15:23.940 or medical problems in the future,
NOTE Confidence: 0.884556781500578
00:15:23.940 --> 00:15:27.252 and I feel that's the most rewarding type
NOTE Confidence: 0.884556781500578
00:15:27.252 --> 00:15:29.747 of intervention I have at my disposal.
NOTE Confidence: 0.884556781500578
00:15:29.750 --> 00:15:32.270 The younger population are the most
NOTE Confidence: 0.884556781500578
00:15:32.270 --> 00:15:35.239 vulnerable and I my memories are of
NOTE Confidence: 0.884556781500578
00:15:35.239 --> 00:15:38.067 those those patients and I don't have
NOTE Confidence: 0.884556781500578
00:15:38.152 --> 00:15:40.712 a lot of my practice 'cause I take
NOTE Confidence: 0.884556781500578
00:15:40.712 --> 00:15:42.632 care of respiratory diseases except
NOTE Confidence: 0.884556781500578
00:15:42.632 --> 00:15:45.600 a young patient with have asthma who
NOTE Confidence: 0.884556781500578
00:15:45.676 --> 00:15:48.042 are able to have quit smoking and
NOTE Confidence: 0.884556781500578

00:15:48.042 --> 00:15:50.388 their numbers are the most rewarding.

NOTE Confidence: 0.884556781500578

00:15:50.390 --> 00:15:51.860 Experiences I've had.

NOTE Confidence: 0.877266764640808

00:15:56.950 --> 00:15:58.816 Alright, now that's great. Thanks a lot,

NOTE Confidence: 0.877266764640808

00:15:58.820 --> 00:16:00.150 Dan. That was very informative.

NOTE Confidence: 0.877266764640808

00:16:00.150 --> 00:16:02.019 I think we're going to go on.

NOTE Confidence: 0.877266764640808

00:16:02.020 --> 00:16:04.558 I'm going to talk a little bit about what

NOTE Confidence: 0.877266764640808

00:16:04.558 --> 00:16:07.110 lung cancer screening looks like in 2020.

NOTE Confidence: 0.877266764640808

00:16:07.110 --> 00:16:08.418 My name is Vinny.

NOTE Confidence: 0.877266764640808

00:16:08.418 --> 00:16:10.969 I'm one of the thoracic surgeons at Yale,

NOTE Confidence: 0.877266764640808

00:16:10.970 --> 00:16:12.830 and you know, basically covered down

NOTE Confidence: 0.877266764640808

00:16:12.830 --> 00:16:15.479 at Park Ave as well as at Bridgeport,

NOTE Confidence: 0.877266764640808

00:16:15.480 --> 00:16:17.424 then you know affiliated now for

NOTE Confidence: 0.877266764640808

00:16:17.424 --> 00:16:19.624 just over two years and I'm going

NOTE Confidence: 0.877266764640808

00:16:19.624 --> 00:16:21.584 to talk a little bit about lung

NOTE Confidence: 0.877266764640808

00:16:21.652 --> 00:16:23.525 cancer screening in 2020. Gene,

NOTE Confidence: 0.877266764640808

00:16:23.525 --> 00:16:26.750 I'm going to try and take over if I can.

NOTE Confidence: 0.877266764640808
00:16:26.750 --> 00:16:28.142 If you cannot share,
NOTE Confidence: 0.877266764640808
00:16:28.142 --> 00:16:32.136 I'm going to see if I can do this this time.
NOTE Confidence: 0.877266764640808
00:16:32.140 --> 00:16:34.890 Yeah.
NOTE Confidence: 0.912794291973114
00:16:47.820 --> 00:16:49.340 Can you guys see my screen?
NOTE Confidence: 0.844062626361847
00:16:55.840 --> 00:16:57.720 Jean, can you see the screen?
NOTE Confidence: 0.844062626361847
00:16:57.720 --> 00:16:59.785 Yes, alright, great. So we're going to
NOTE Confidence: 0.844062626361847
00:16:59.785 --> 00:17:02.099 talk about lung cancer screening in 2020.
NOTE Confidence: 0.844062626361847
00:17:02.100 --> 00:17:04.204 I'm just going to talk a little bit
NOTE Confidence: 0.844062626361847
00:17:04.204 --> 00:17:06.168 about some local health statistics.
NOTE Confidence: 0.844062626361847
00:17:06.170 --> 00:17:08.186 The efficacy of lung cancer screening
NOTE Confidence: 0.844062626361847
00:17:08.186 --> 00:17:10.550 now versus back in the 70s and 80s.
NOTE Confidence: 0.844062626361847
00:17:10.550 --> 00:17:13.054 And really, you know what's important to you.
NOTE Confidence: 0.844062626361847
00:17:13.060 --> 00:17:15.636 Some basic things, like you know how to
NOTE Confidence: 0.844062626361847
00:17:15.636 --> 00:17:18.380 read a chest X Ray as a chest X-ray,
NOTE Confidence: 0.844062626361847
00:17:18.380 --> 00:17:19.940 helpful for lung cancer screening?
NOTE Confidence: 0.844062626361847

00:17:19.940 --> 00:17:22.092 How to read a chest CT talk a
NOTE Confidence: 0.844062626361847

00:17:22.092 --> 00:17:24.319 little bit about the metric system?
NOTE Confidence: 0.844062626361847

00:17:24.320 --> 00:17:24.912 It's funny.
NOTE Confidence: 0.844062626361847

00:17:24.912 --> 00:17:27.280 Just yesterday I saw a patient with a
NOTE Confidence: 0.844062626361847

00:17:27.348 --> 00:17:29.644 2 centimeter nodule and she said well.
NOTE Confidence: 0.844062626361847

00:17:29.650 --> 00:17:33.274 How big is 2 centimeters and the risks
NOTE Confidence: 0.844062626361847

00:17:33.274 --> 00:17:36.933 and benefits you know to you with regards
NOTE Confidence: 0.844062626361847

00:17:36.933 --> 00:17:40.308 to screening and what you can see here.
NOTE Confidence: 0.844062626361847

00:17:40.310 --> 00:17:43.271 This is the cancer statistics for 2010
NOTE Confidence: 0.844062626361847

00:17:43.271 --> 00:17:46.452 for the state of Connecticut and at
NOTE Confidence: 0.844062626361847

00:17:46.452 --> 00:17:49.188 least in the state of Connecticut,
NOTE Confidence: 0.844062626361847

00:17:49.190 --> 00:17:51.716 lung cancer is the third leading
NOTE Confidence: 0.844062626361847

00:17:51.716 --> 00:17:54.070 cause of newly diagnosed cancers.
NOTE Confidence: 0.844062626361847

00:17:54.070 --> 00:17:58.462 You can see here. And is the most lethal.
NOTE Confidence: 0.844062626361847

00:17:58.470 --> 00:18:01.230 It accounts for over 25% of
NOTE Confidence: 0.844062626361847

00:18:01.230 --> 00:18:03.530 deaths in 2010 from cancer.

NOTE Confidence: 0.844062626361847

00:18:03.530 --> 00:18:06.290 And what's interesting is you know,

NOTE Confidence: 0.844062626361847

00:18:06.290 --> 00:18:08.340 prostate cancer and breast cancer

NOTE Confidence: 0.844062626361847

00:18:08.340 --> 00:18:11.532 are the 1st and 2nd leading cause

NOTE Confidence: 0.844062626361847

00:18:11.532 --> 00:18:13.648 of newly diagnosed cancers.

NOTE Confidence: 0.844062626361847

00:18:13.650 --> 00:18:16.998 And there's a robust screening program

NOTE Confidence: 0.844062626361847

00:18:16.998 --> 00:18:20.930 in place for both of those organs.

NOTE Confidence: 0.844062626361847

00:18:20.930 --> 00:18:23.570 But one of the reasons why is because

NOTE Confidence: 0.844062626361847

00:18:23.570 --> 00:18:26.607 you know lung cancer is a silent disease.

NOTE Confidence: 0.844062626361847

00:18:26.610 --> 00:18:28.446 It's often found in more advanced

NOTE Confidence: 0.844062626361847

00:18:28.446 --> 00:18:30.450 stages and up until just recently

NOTE Confidence: 0.844062626361847

00:18:30.450 --> 00:18:32.240 there hasn't been an effective

NOTE Confidence: 0.844062626361847

00:18:32.240 --> 00:18:34.419 screening tool to identify patients,

NOTE Confidence: 0.844062626361847

00:18:34.420 --> 00:18:37.530 typically at an earlier stage.

NOTE Confidence: 0.844062626361847

00:18:37.530 --> 00:18:38.122 You know,

NOTE Confidence: 0.844062626361847

00:18:38.122 --> 00:18:40.194 and basically this is kind of a

NOTE Confidence: 0.844062626361847

00:18:40.194 --> 00:18:42.426 pie chart just to demonstrate some
NOTE Confidence: 0.844062626361847

00:18:42.426 --> 00:18:45.119 of the volume with regards to the
NOTE Confidence: 0.844062626361847

00:18:45.119 --> 00:18:46.989 multiple large large control trials
NOTE Confidence: 0.844062626361847

00:18:46.989 --> 00:18:48.421 that have been done.
NOTE Confidence: 0.844062626361847

00:18:48.421 --> 00:18:50.829 You know you can see here that in
NOTE Confidence: 0.844062626361847

00:18:50.829 --> 00:18:53.268 the American trial the national lung
NOTE Confidence: 0.844062626361847

00:18:53.268 --> 00:18:55.728 cancer trial that was done just
NOTE Confidence: 0.844062626361847

00:18:55.728 --> 00:18:57.648 a little over a decade ago,
NOTE Confidence: 0.844062626361847

00:18:57.650 --> 00:18:59.792 there were over 53,000 patients and
NOTE Confidence: 0.844062626361847

00:18:59.792 --> 00:19:02.003 that showed that lung cancer screening
NOTE Confidence: 0.844062626361847

00:19:02.003 --> 00:19:04.502 with a CAT scan has a significant
NOTE Confidence: 0.844062626361847

00:19:04.502 --> 00:19:06.512 impact in mortality at 20% benefit.
NOTE Confidence: 0.844062626361847

00:19:06.512 --> 00:19:09.648 There is another trial in Europe that was
NOTE Confidence: 0.844062626361847

00:19:09.648 --> 00:19:12.827 just recently published actually this year.
NOTE Confidence: 0.844062626361847

00:19:12.830 --> 00:19:16.268 We had some preliminary data at the year 2
NOTE Confidence: 0.844062626361847

00:19:16.268 --> 00:19:19.450 prior and that was over 15,000 patients.

NOTE Confidence: 0.844062626361847
00:19:19.450 --> 00:19:22.480 That again showed that lung cancer
NOTE Confidence: 0.844062626361847
00:19:22.480 --> 00:19:26.001 screening with a CAT scan a low
NOTE Confidence: 0.844062626361847
00:19:26.001 --> 00:19:28.815 dose CAT scan can reduce mortality.
NOTE Confidence: 0.844062626361847
00:19:28.820 --> 00:19:31.487 And when we compare lung cancer screening,
NOTE Confidence: 0.844062626361847
00:19:31.490 --> 00:19:32.534 low dose chest.
NOTE Confidence: 0.844062626361847
00:19:32.534 --> 00:19:34.970 See T to other known health screens
NOTE Confidence: 0.844062626361847
00:19:35.043 --> 00:19:36.819 that you're familiar with,
NOTE Confidence: 0.844062626361847
00:19:36.820 --> 00:19:39.354 and you probably may have had you
NOTE Confidence: 0.844062626361847
00:19:39.354 --> 00:19:41.696 know the number needed to screen
NOTE Confidence: 0.844062626361847
00:19:41.696 --> 00:19:44.060 with regards to low dose chest.
NOTE Confidence: 0.844062626361847
00:19:44.060 --> 00:19:46.346 See T is to prevent one.
NOTE Confidence: 0.844062626361847
00:19:46.350 --> 00:19:49.006 Death is about 320 when you look at
NOTE Confidence: 0.844062626361847
00:19:49.006 --> 00:19:51.300 mammography for breast cancer screening,
NOTE Confidence: 0.844062626361847
00:19:51.300 --> 00:19:53.754 the number needed to screen to
NOTE Confidence: 0.844062626361847
00:19:53.754 --> 00:19:56.686 prevent one death ranges in terms of
NOTE Confidence: 0.844062626361847

00:19:56.686 --> 00:19:59.116 literature anywhere from 780 to 2000.
NOTE Confidence: 0.844062626361847

00:19:59.120 --> 00:20:01.196 And colonoscopy for colon cancer screening.
NOTE Confidence: 0.844062626361847

00:20:01.200 --> 00:20:03.180 The number needed to screen to
NOTE Confidence: 0.844062626361847

00:20:03.180 --> 00:20:05.350 prevent one death is about 12:50.
NOTE Confidence: 0.844062626361847

00:20:05.350 --> 00:20:08.257 So what you can see is you know it's
NOTE Confidence: 0.844062626361847

00:20:08.257 --> 00:20:10.542 compareable with regards to some of
NOTE Confidence: 0.844062626361847

00:20:10.542 --> 00:20:12.427 the other screening systems that
NOTE Confidence: 0.88581395149231

00:20:12.503 --> 00:20:13.647 we have in place,
NOTE Confidence: 0.88581395149231

00:20:13.650 --> 00:20:16.270 which is great news actually.
NOTE Confidence: 0.88581395149231

00:20:16.270 --> 00:20:19.334 You know when we look at the state
NOTE Confidence: 0.88581395149231

00:20:19.334 --> 00:20:21.939 of cancer lung cancer in 2020,
NOTE Confidence: 0.88581395149231

00:20:21.940 --> 00:20:23.560 particularly in the state
NOTE Confidence: 0.88581395149231

00:20:23.560 --> 00:20:25.100 of Connecticut, you know,
NOTE Confidence: 0.88581395149231

00:20:25.100 --> 00:20:28.830 4 out of 49 can wind up getting surgery.
NOTE Confidence: 0.88581395149231

00:20:28.830 --> 00:20:32.880 19 out of 49 can be picked up by screening,
NOTE Confidence: 0.88581395149231

00:20:32.880 --> 00:20:35.310 and the survival, and you know,

NOTE Confidence: 0.88581395149231

00:20:35.310 --> 00:20:37.524 I think Doctor Mike's going to

NOTE Confidence: 0.88581395149231

00:20:37.524 --> 00:20:40.349 talk about that a little bit with

NOTE Confidence: 0.88581395149231

00:20:40.349 --> 00:20:42.464 some of the treatment options

NOTE Confidence: 0.88581395149231

00:20:42.464 --> 00:20:44.619 that have been really far,

NOTE Confidence: 0.88581395149231

00:20:44.620 --> 00:20:46.280 far advanced now recently.

NOTE Confidence: 0.88581395149231

00:20:46.280 --> 00:20:47.930 And then when we come down

NOTE Confidence: 0.88581395149231

00:20:47.930 --> 00:20:49.580 to what you need to know,

NOTE Confidence: 0.88581395149231

00:20:49.580 --> 00:20:51.254 it's really important that some of

NOTE Confidence: 0.88581395149231

00:20:51.254 --> 00:20:53.484 the things I talked about in the past

NOTE Confidence: 0.88581395149231

00:20:53.484 --> 00:20:55.360 couple of slides is content, you know.

NOTE Confidence: 0.88581395149231

00:20:55.360 --> 00:20:56.460 But it's really just.

NOTE Confidence: 0.88581395149231

00:20:56.460 --> 00:20:57.560 It's not as important.

NOTE Confidence: 0.88581395149231

00:20:57.560 --> 00:20:59.210 You know what that content is,

NOTE Confidence: 0.88581395149231

00:20:59.210 --> 00:21:00.585 it's how it's delivered so

NOTE Confidence: 0.88581395149231

00:21:00.585 --> 00:21:01.960 that you can understand it.

NOTE Confidence: 0.88581395149231

00:21:01.960 --> 00:21:03.878 Figure out how it applies to you,
NOTE Confidence: 0.88581395149231

00:21:03.880 --> 00:21:06.400 to see whether or not low dose a CAT
NOTE Confidence: 0.88581395149231

00:21:06.400 --> 00:21:09.264 scan for you or one of your loved ones
NOTE Confidence: 0.88581395149231

00:21:09.264 --> 00:21:11.947 is something that you may want to undergo.
NOTE Confidence: 0.88581395149231

00:21:11.950 --> 00:21:15.174 And I think one of the biggest things
NOTE Confidence: 0.88581395149231

00:21:15.174 --> 00:21:18.278 that I'd like to drive home is that
NOTE Confidence: 0.88581395149231

00:21:18.278 --> 00:21:21.328 when we look at lung cancer risk,
NOTE Confidence: 0.88581395149231

00:21:21.330 --> 00:21:23.778 it's really driven by two factors.
NOTE Confidence: 0.88581395149231

00:21:23.780 --> 00:21:27.443 One is smoking and another one is your age.
NOTE Confidence: 0.88581395149231

00:21:27.450 --> 00:21:30.258 And what you can see is that if
NOTE Confidence: 0.88581395149231

00:21:30.258 --> 00:21:33.030 you look at people that if you
NOTE Confidence: 0.88581395149231

00:21:33.030 --> 00:21:36.043 look at Packers here as the number
NOTE Confidence: 0.88581395149231

00:21:36.043 --> 00:21:38.875 of cigarettes you smoke goes up.
NOTE Confidence: 0.88581395149231

00:21:38.880 --> 00:21:39.700 Your risk.
NOTE Confidence: 0.88581395149231

00:21:39.700 --> 00:21:42.160 Your six year lung cancer risk.
NOTE Confidence: 0.88581395149231

00:21:42.160 --> 00:21:45.344 Significantly goes up as well as your age

NOTE Confidence: 0.88581395149231
00:21:45.344 --> 00:21:48.658 goes up your lung cancer risk goes up,
NOTE Confidence: 0.88581395149231
00:21:48.660 --> 00:21:51.306 so age and smoking status are really
NOTE Confidence: 0.88581395149231
00:21:51.306 --> 00:21:53.930 the two things that impact things.
NOTE Confidence: 0.88581395149231
00:21:53.930 --> 00:21:56.366 We can't do much about age,
NOTE Confidence: 0.88581395149231
00:21:56.370 --> 00:21:58.848 but like Dan talked about smoking
NOTE Confidence: 0.88581395149231
00:21:58.848 --> 00:22:01.074 status and working to decrease
NOTE Confidence: 0.88581395149231
00:22:01.074 --> 00:22:03.519 that can certainly be helpful.
NOTE Confidence: 0.88581395149231
00:22:03.520 --> 00:22:05.578 Chest X Ray versus cat scan.
NOTE Confidence: 0.88581395149231
00:22:05.580 --> 00:22:07.722 You know here on the left you
NOTE Confidence: 0.88581395149231
00:22:07.722 --> 00:22:10.066 can see that there's this is a
NOTE Confidence: 0.88581395149231
00:22:10.066 --> 00:22:12.542 chill with chest X Ray looks like
NOTE Confidence: 0.88581395149231
00:22:12.542 --> 00:22:14.858 it's basically a single beam of.
NOTE Confidence: 0.88581395149231
00:22:14.860 --> 00:22:16.726 Like that gets shined through and
NOTE Confidence: 0.88581395149231
00:22:16.726 --> 00:22:18.936 we really what we rely on when we
NOTE Confidence: 0.88581395149231
00:22:18.936 --> 00:22:21.150 look at a CAT scan is just shadows.
NOTE Confidence: 0.88581395149231

00:22:21.150 --> 00:22:24.010 You can see that the detail is not as good.

NOTE Confidence: 0.88581395149231

00:22:24.010 --> 00:22:25.186 It is with roller.

NOTE Confidence: 0.88581395149231

00:22:25.186 --> 00:22:27.310 With regards to the CAT scan to

NOTE Confidence: 0.88581395149231

00:22:27.310 --> 00:22:29.368 the right and I think the biggest

NOTE Confidence: 0.88581395149231

00:22:29.368 --> 00:22:31.302 thing that I'm going to try and

NOTE Confidence: 0.88581395149231

00:22:31.302 --> 00:22:33.289 drive home as if you wind up in

NOTE Confidence: 0.88581395149231

00:22:33.289 --> 00:22:35.584 the ER you know or we go to your

NOTE Confidence: 0.88581395149231

00:22:35.584 --> 00:22:37.936 doctor and get a chest X Ray whether

NOTE Confidence: 0.88581395149231

00:22:38.003 --> 00:22:39.738 you had flu like symptoms,

NOTE Confidence: 0.88581395149231

00:22:39.740 --> 00:22:41.510 that's you know that's not good

NOTE Confidence: 0.88581395149231

00:22:41.510 --> 00:22:43.704 enough to try and detect or you

NOTE Confidence: 0.88581395149231

00:22:43.704 --> 00:22:45.284 know screen for lung cancer.

NOTE Confidence: 0.88581395149231

00:22:45.290 --> 00:22:46.676 It's really the CAT scan that

NOTE Confidence: 0.88581395149231

00:22:46.676 --> 00:22:48.230 is shown to be beneficial,

NOTE Confidence: 0.88581395149231

00:22:48.230 --> 00:22:50.624 and the way we look at a CAT scan.

NOTE Confidence: 0.88581395149231

00:22:50.630 --> 00:22:52.178 And I'll talk about this in

NOTE Confidence: 0.88581395149231
00:22:52.178 --> 00:22:53.570 a little bit is it's.
NOTE Confidence: 0.88581395149231
00:22:53.570 --> 00:22:53.820 Again,
NOTE Confidence: 0.88581395149231
00:22:53.820 --> 00:22:55.070 multiple Rays of light of
NOTE Confidence: 0.88581395149231
00:22:55.070 --> 00:22:56.500 beams that get shine through,
NOTE Confidence: 0.88581395149231
00:22:56.500 --> 00:22:57.232 not just one,
NOTE Confidence: 0.88581395149231
00:22:57.232 --> 00:22:58.452 and it gets reconfigured to
NOTE Confidence: 0.88581395149231
00:22:58.452 --> 00:23:00.157 create a little bit more of
NOTE Confidence: 0.88581395149231
00:23:00.157 --> 00:23:01.033 a dimensional representation
NOTE Confidence: 0.88581395149231
00:23:01.033 --> 00:23:02.648 of your body in the organs,
NOTE Confidence: 0.876737415790558
00:23:02.650 --> 00:23:05.580 in your chest and the way we look at it is.
NOTE Confidence: 0.876737415790558
00:23:05.580 --> 00:23:08.028 It's like you're lying on your back and we're
NOTE Confidence: 0.876737415790558
00:23:08.028 --> 00:23:10.118 standing at your feet and your being sliced.
NOTE Confidence: 0.876737415790558
00:23:10.120 --> 00:23:12.610 Kind of like a loaf of bread and we can
NOTE Confidence: 0.876737415790558
00:23:12.679 --> 00:23:14.961 see a lot of the different structures
NOTE Confidence: 0.876737415790558
00:23:14.961 --> 00:23:17.220 and I'll talk about that shortly.
NOTE Confidence: 0.876737415790558

00:23:17.220 --> 00:23:18.858 An X Ray certainly does give
NOTE Confidence: 0.876737415790558

00:23:18.858 --> 00:23:20.840 us a lot of information.
NOTE Confidence: 0.876737415790558

00:23:20.840 --> 00:23:23.488 You know you can see here from the
NOTE Confidence: 0.876737415790558

00:23:23.488 --> 00:23:25.766 cartoon that we can see your heart.
NOTE Confidence: 0.876737415790558

00:23:25.770 --> 00:23:27.968 We can see some of the blood
NOTE Confidence: 0.876737415790558

00:23:27.968 --> 00:23:29.720 vessels coming off your heart.
NOTE Confidence: 0.876737415790558

00:23:29.720 --> 00:23:31.370 We can see your airway.
NOTE Confidence: 0.876737415790558

00:23:31.370 --> 00:23:33.010 We can see your bones.
NOTE Confidence: 0.876737415790558

00:23:33.010 --> 00:23:35.656 We can also see your spine as well as
NOTE Confidence: 0.876737415790558

00:23:35.656 --> 00:23:38.610 some some of the contents in your abdomen.
NOTE Confidence: 0.876737415790558

00:23:38.610 --> 00:23:40.906 So it does provide some helpful information,
NOTE Confidence: 0.876737415790558

00:23:40.910 --> 00:23:43.558 but it's still in today's day and age.
NOTE Confidence: 0.876737415790558

00:23:43.560 --> 00:23:45.668 Test for lung cancer.
NOTE Confidence: 0.876737415790558

00:23:45.668 --> 00:23:48.830 You know this happens to be.
NOTE Confidence: 0.876737415790558

00:23:48.830 --> 00:23:50.510 An X Ray that shows that this
NOTE Confidence: 0.876737415790558

00:23:50.510 --> 00:23:52.110 person has a 2 centimeter nodule

NOTE Confidence: 0.876737415790558

00:23:52.110 --> 00:23:54.353 and I kind of picked this so that

NOTE Confidence: 0.876737415790558

00:23:54.353 --> 00:23:56.457 we can talk a little bit about the

NOTE Confidence: 0.876737415790558

00:23:56.457 --> 00:23:58.040 metric system so that you can,

NOTE Confidence: 0.876737415790558

00:23:58.040 --> 00:23:58.588 you know,

NOTE Confidence: 0.876737415790558

00:23:58.588 --> 00:24:00.780 have a in your brain away to reconfigure

NOTE Confidence: 0.876737415790558

00:24:00.834 --> 00:24:02.626 that cause a lot of you have access

NOTE Confidence: 0.876737415790558

00:24:02.626 --> 00:24:04.810 to my chart and you might read some

NOTE Confidence: 0.876737415790558

00:24:04.810 --> 00:24:06.412 of these studies that talk about

NOTE Confidence: 0.876737415790558

00:24:06.412 --> 00:24:08.340 either a 5 millimeter nodule or a 2

NOTE Confidence: 0.876737415790558

00:24:08.402 --> 00:24:10.397 centimeter nodule an you know the way.

NOTE Confidence: 0.876737415790558

00:24:10.400 --> 00:24:12.024 I kind of like to explain it is

NOTE Confidence: 0.876737415790558

00:24:12.024 --> 00:24:13.777 a 5 millimeter nodule is about

NOTE Confidence: 0.876737415790558

00:24:13.777 --> 00:24:15.387 the size of the pencil.

NOTE Confidence: 0.876737415790558

00:24:15.390 --> 00:24:17.840 The eraser on a pencil.

NOTE Confidence: 0.876737415790558

00:24:17.840 --> 00:24:19.830 10 millimeter 1 centimeter nodule

NOTE Confidence: 0.876737415790558

00:24:19.830 --> 00:24:22.640 is about the size of a cheerio.

NOTE Confidence: 0.876737415790558

00:24:22.640 --> 00:24:24.524 2 centimeter nodules about the size

NOTE Confidence: 0.876737415790558

00:24:24.524 --> 00:24:26.711 of a penny Anna 4 centimeter nodule

NOTE Confidence: 0.876737415790558

00:24:26.711 --> 00:24:29.110 is about the size of a golf ball,

NOTE Confidence: 0.876737415790558

00:24:29.110 --> 00:24:31.566 and that's kind of how I you know,

NOTE Confidence: 0.876737415790558

00:24:31.570 --> 00:24:32.398 you know.

NOTE Confidence: 0.876737415790558

00:24:32.398 --> 00:24:35.296 Put it into reference for for folks.

NOTE Confidence: 0.876737415790558

00:24:35.300 --> 00:24:37.836 Now when we look at a CAT scan,

NOTE Confidence: 0.876737415790558

00:24:37.840 --> 00:24:40.136 you can see that there's a lot

NOTE Confidence: 0.876737415790558

00:24:40.136 --> 00:24:41.960 more detail that we can see.

NOTE Confidence: 0.876737415790558

00:24:41.960 --> 00:24:44.464 We can see the details of the major

NOTE Confidence: 0.876737415790558

00:24:44.464 --> 00:24:46.399 vessels that come off the heart.

NOTE Confidence: 0.876737415790558

00:24:46.400 --> 00:24:48.416 We can see multiple different areas of

NOTE Confidence: 0.876737415790558

00:24:48.416 --> 00:24:50.290 the long to include the vasculature

NOTE Confidence: 0.876737415790558

00:24:50.290 --> 00:24:52.901 and it really provides us a lot more

NOTE Confidence: 0.876737415790558

00:24:52.901 --> 00:24:54.905 information and the studies that I've

NOTE Confidence: 0.876737415790558
00:24:54.905 --> 00:24:57.077 talked about it showing that you
NOTE Confidence: 0.876737415790558
00:24:57.077 --> 00:25:00.310 know this can benefit you to try and
NOTE Confidence: 0.876737415790558
00:25:00.310 --> 00:25:03.299 detect lung cancer at an earlier stage.
NOTE Confidence: 0.876737415790558
00:25:03.300 --> 00:25:05.106 This is just an example that or
NOTE Confidence: 0.876737415790558
00:25:05.106 --> 00:25:07.560 just to show that the seat the chest
NOTE Confidence: 0.876737415790558
00:25:07.560 --> 00:25:09.175 see T isn't effective screening
NOTE Confidence: 0.876737415790558
00:25:09.236 --> 00:25:11.126 test and this person has a small
NOTE Confidence: 0.876737415790558
00:25:11.126 --> 00:25:12.520 nodule on the left lobe.
NOTE Confidence: 0.82171642780304
00:25:13.250 --> 00:25:15.400 Who is eligible for screening
NOTE Confidence: 0.82171642780304
00:25:15.400 --> 00:25:17.770 Eunoz? Milos committed that integrated
NOTE Confidence: 0.82171642780304
00:25:17.770 --> 00:25:20.140 network throughout the system with
NOTE Confidence: 0.82171642780304
00:25:20.210 --> 00:25:24.002 regards to lung cancer screening an has a
NOTE Confidence: 0.82171642780304
00:25:24.002 --> 00:25:25.670 multidisciplinary comprehensive you know
NOTE Confidence: 0.82171642780304
00:25:25.670 --> 00:25:28.270 team to include the people on this panel.
NOTE Confidence: 0.82171642780304
00:25:28.270 --> 00:25:30.410 You know Dan and Mike,
NOTE Confidence: 0.82171642780304

00:25:30.410 --> 00:25:32.828 you know we actually meet frequently

NOTE Confidence: 0.82171642780304

00:25:32.828 --> 00:25:36.347 to kind of talk about the lung cancer

NOTE Confidence: 0.82171642780304

00:25:36.347 --> 00:25:38.632 screening in Fairfield County and

NOTE Confidence: 0.82171642780304

00:25:38.632 --> 00:25:41.221 the people that benefit our adults

NOTE Confidence: 0.82171642780304

00:25:41.221 --> 00:25:43.898 between the ages of 55 and 80.

NOTE Confidence: 0.82171642780304

00:25:43.898 --> 00:25:46.370 If you have a 30 pack year smoking

NOTE Confidence: 0.82171642780304

00:25:46.444 --> 00:25:48.859 history and if you the way we

NOTE Confidence: 0.82171642780304

00:25:48.859 --> 00:25:51.080 talked about what a pack here is.

NOTE Confidence: 0.82171642780304

00:25:51.080 --> 00:25:53.166 If you smoke a pack a day.

NOTE Confidence: 0.82171642780304

00:25:53.170 --> 00:25:54.955 For a year, that's one pack here.

NOTE Confidence: 0.82171642780304

00:25:54.960 --> 00:25:57.780 So if you smoke a pack a day for 30 years,

NOTE Confidence: 0.82171642780304

00:25:57.780 --> 00:25:59.344 that's 30 pack years.

NOTE Confidence: 0.82171642780304

00:25:59.344 --> 00:26:00.126 There's 20,

NOTE Confidence: 0.82171642780304

00:26:00.130 --> 00:26:02.086 there's 20 cigarettes in a pack,

NOTE Confidence: 0.82171642780304

00:26:02.090 --> 00:26:04.088 so he took smoke 10 cigarettes

NOTE Confidence: 0.82171642780304

00:26:04.088 --> 00:26:06.030 a day or half a pack.

NOTE Confidence: 0.82171642780304

00:26:06.030 --> 00:26:08.032 It take you about 60 years to

NOTE Confidence: 0.82171642780304

00:26:08.032 --> 00:26:10.288 have a 30 pack year history.

NOTE Confidence: 0.82171642780304

00:26:10.290 --> 00:26:12.730 You have to either be a current smoker

NOTE Confidence: 0.82171642780304

00:26:12.730 --> 00:26:14.672 or someone who's quit smoking within

NOTE Confidence: 0.82171642780304

00:26:14.672 --> 00:26:16.990 the past 15 years have no symptoms

NOTE Confidence: 0.82171642780304

00:26:16.990 --> 00:26:19.078 and you know being somewhat decent

NOTE Confidence: 0.82171642780304

00:26:19.078 --> 00:26:21.954 health to be able to tolerate either

NOTE Confidence: 0.82171642780304

00:26:21.954 --> 00:26:25.180 surgery or some sort of oncologic tree.

NOTE Confidence: 0.82171642780304

00:26:25.180 --> 00:26:27.830 And you can see the.

NOTE Confidence: 0.82171642780304

00:26:27.830 --> 00:26:32.024 Link there in case you need access to that.

NOTE Confidence: 0.82171642780304

00:26:32.030 --> 00:26:36.010 So what are the risks?

NOTE Confidence: 0.82171642780304

00:26:36.010 --> 00:26:38.298 I'm just going to talk a little bit

NOTE Confidence: 0.82171642780304

00:26:38.298 --> 00:26:40.179 about what a false positive is.

NOTE Confidence: 0.82171642780304

00:26:40.180 --> 00:26:41.074 That's identifying Legion.

NOTE Confidence: 0.82171642780304

00:26:41.074 --> 00:26:42.266 That's not a cancer.

NOTE Confidence: 0.82171642780304

00:26:42.270 --> 00:26:42.866 You know,
NOTE Confidence: 0.82171642780304

00:26:42.866 --> 00:26:43.760 when you scan,
NOTE Confidence: 0.82171642780304

00:26:43.760 --> 00:26:46.168 you scan from the bottom top very bottom
NOTE Confidence: 0.82171642780304

00:26:46.168 --> 00:26:48.815 of the neck to the top of the abdomen,
NOTE Confidence: 0.82171642780304

00:26:48.820 --> 00:26:50.566 and you know you can sometimes
NOTE Confidence: 0.82171642780304

00:26:50.566 --> 00:26:52.400 identify a lesion that you've had,
NOTE Confidence: 0.82171642780304

00:26:52.400 --> 00:26:53.890 maybe for your entire life.
NOTE Confidence: 0.82171642780304

00:26:53.890 --> 00:26:55.418 That's not not cancer,
NOTE Confidence: 0.82171642780304

00:26:55.418 --> 00:26:57.710 it's a lesion that's really not
NOTE Confidence: 0.82171642780304

00:26:57.786 --> 00:26:58.918 a threat to you.
NOTE Confidence: 0.82171642780304

00:26:58.920 --> 00:27:00.684 Radiation harm I'm going to review
NOTE Confidence: 0.82171642780304

00:27:00.684 --> 00:27:02.940 a little bit in the next slide so
NOTE Confidence: 0.82171642780304

00:27:02.940 --> 00:27:04.760 they know that comes up a lot.
NOTE Confidence: 0.82171642780304

00:27:04.760 --> 00:27:06.150 There's all the procedure risk.
NOTE Confidence: 0.82171642780304

00:27:06.150 --> 00:27:06.921 Which is you?
NOTE Confidence: 0.82171642780304

00:27:06.921 --> 00:27:09.422 If you do have a lesion and we work

NOTE Confidence: 0.82171642780304

00:27:09.422 --> 00:27:11.336 to interrogate that lesion or find

NOTE Confidence: 0.82171642780304

00:27:11.336 --> 00:27:13.508 out what it is you know there is

NOTE Confidence: 0.82171642780304

00:27:13.508 --> 00:27:15.324 a risk of about your surgery and

NOTE Confidence: 0.82171642780304

00:27:15.324 --> 00:27:17.270 that risk is much less than 1%.

NOTE Confidence: 0.82171642780304

00:27:17.270 --> 00:27:20.230 It's a fraction of 1%.

NOTE Confidence: 0.82171642780304

00:27:20.230 --> 00:27:21.824 Because we're scanning from the

NOTE Confidence: 0.82171642780304

00:27:21.824 --> 00:27:23.096 neck to the abdomen,

NOTE Confidence: 0.82171642780304

00:27:23.100 --> 00:27:24.700 there's something called incidental findings.

NOTE Confidence: 0.82171642780304

00:27:24.700 --> 00:27:26.835 With that means is even though we're

NOTE Confidence: 0.82171642780304

00:27:26.835 --> 00:27:28.846 looking for lung cancer, the chest.

NOTE Confidence: 0.82171642780304

00:27:28.846 --> 00:27:31.072 See T also looks at your thyroid.

NOTE Confidence: 0.82171642780304

00:27:31.080 --> 00:27:33.632 It looks at your a little bit of

NOTE Confidence: 0.82171642780304

00:27:33.632 --> 00:27:35.224 your abdomen, your adrenal glands.

NOTE Confidence: 0.82171642780304

00:27:35.224 --> 00:27:36.814 It looks at your bones,

NOTE Confidence: 0.82171642780304

00:27:36.820 --> 00:27:38.410 and sometimes we might find

NOTE Confidence: 0.82171642780304

00:27:38.410 --> 00:27:39.682 something that not necessary.
NOTE Confidence: 0.82171642780304

00:27:39.690 --> 00:27:40.304 You know,
NOTE Confidence: 0.82171642780304

00:27:40.304 --> 00:27:43.520 one of us would be able to help you with,
NOTE Confidence: 0.82171642780304

00:27:43.520 --> 00:27:45.888 but you may need to see either an
NOTE Confidence: 0.82171642780304

00:27:45.888 --> 00:27:48.096 EMT surgeon or an E&T doctor or
NOTE Confidence: 0.82171642780304

00:27:48.096 --> 00:27:50.240 someone to just review that finding.
NOTE Confidence: 0.82171642780304

00:27:50.240 --> 00:27:52.286 A thyroid nodule happens to be,
NOTE Confidence: 0.82171642780304

00:27:52.290 --> 00:27:56.546 you know, common lesion that we identify.
NOTE Confidence: 0.82171642780304

00:27:56.550 --> 00:27:58.170 The radiation risk the radiation
NOTE Confidence: 0.82171642780304

00:27:58.170 --> 00:28:00.148 exposure from a low dose CAT
NOTE Confidence: 0.82171642780304

00:28:00.148 --> 00:28:01.924 scans less than one this this
NOTE Confidence: 0.82171642780304

00:28:01.924 --> 00:28:03.210 is abbreviated for milli.
NOTE Confidence: 0.82171642780304

00:28:03.210 --> 00:28:04.790 Sieverts is just the way
NOTE Confidence: 0.82171642780304

00:28:04.790 --> 00:28:06.054 we measure the radiation.
NOTE Confidence: 0.82171642780304

00:28:06.060 --> 00:28:06.782 For comparison.
NOTE Confidence: 0.82171642780304

00:28:06.782 --> 00:28:09.670 The background radiation in New York City is

NOTE Confidence: 0.859672129154205

00:28:09.732 --> 00:28:11.748 about 3 millisieverts an you know the

NOTE Confidence: 0.859672129154205

00:28:11.748 --> 00:28:14.121 way I like to explain it is airline

NOTE Confidence: 0.859672129154205

00:28:14.121 --> 00:28:16.152 people that work in the airline industry.

NOTE Confidence: 0.859672129154205

00:28:16.152 --> 00:28:17.898 We take a flight from New

NOTE Confidence: 0.859672129154205

00:28:17.898 --> 00:28:19.689 York to California and back.

NOTE Confidence: 0.859672129154205

00:28:19.690 --> 00:28:21.986 You've been exposed to more radiation at

NOTE Confidence: 0.859672129154205

00:28:21.986 --> 00:28:24.448 that altitude and getting a low dose chest.

NOTE Confidence: 0.859672129154205

00:28:24.450 --> 00:28:30.166 See T. So the radiation harms very low.

NOTE Confidence: 0.859672129154205

00:28:30.170 --> 00:28:31.618 Now benefit versus risk.

NOTE Confidence: 0.859672129154205

00:28:31.618 --> 00:28:33.428 How do we weigh that?

NOTE Confidence: 0.859672129154205

00:28:33.430 --> 00:28:36.318 All those large studies kind of work to,

NOTE Confidence: 0.859672129154205

00:28:36.320 --> 00:28:39.578 you know, put that into quantify that for us.

NOTE Confidence: 0.859672129154205

00:28:39.580 --> 00:28:41.848 So I already talked about the

NOTE Confidence: 0.859672129154205

00:28:41.848 --> 00:28:43.929 number needed to screen is 320.

NOTE Confidence: 0.859672129154205

00:28:43.930 --> 00:28:46.102 When we looked at those complications

NOTE Confidence: 0.859672129154205

00:28:46.102 --> 00:28:47.550 that I talked about,
NOTE Confidence: 0.859672129154205

00:28:47.550 --> 00:28:50.462 the number needed to harm the number of
NOTE Confidence: 0.859672129154205

00:28:50.462 --> 00:28:52.980 people that you needed to screen to,
NOTE Confidence: 0.859672129154205

00:28:52.980 --> 00:28:55.068 you know, cause harm to an
NOTE Confidence: 0.859672129154205

00:28:55.068 --> 00:28:57.319 individual is 10 times about 3815.
NOTE Confidence: 0.859672129154205

00:28:57.320 --> 00:29:00.256 So the the benefit certainly favors you know.
NOTE Confidence: 0.859672129154205

00:29:00.260 --> 00:29:01.584 Obtain a CAT scan.
NOTE Confidence: 0.859672129154205

00:29:01.584 --> 00:29:03.570 You know if you're in that
NOTE Confidence: 0.859672129154205

00:29:03.652 --> 00:29:05.200 eligibility criteria.
NOTE Confidence: 0.86174201965332

00:29:08.850 --> 00:29:11.376 And just some of the main points,
NOTE Confidence: 0.86174201965332

00:29:11.380 --> 00:29:12.466 the eligibility criteria
NOTE Confidence: 0.86174201965332

00:29:12.466 --> 00:29:14.638 again or adults 55 to 80.
NOTE Confidence: 0.86174201965332

00:29:14.640 --> 00:29:17.536 And it's a 30 pack year smoking history,
NOTE Confidence: 0.86174201965332

00:29:17.540 --> 00:29:18.220 current smoker.
NOTE Confidence: 0.86174201965332

00:29:18.220 --> 00:29:20.940 Or if you quit in the past 15
NOTE Confidence: 0.86174201965332

00:29:21.021 --> 00:29:23.562 years no signs or symptoms of lung

NOTE Confidence: 0.86174201965332

00:29:23.562 --> 00:29:26.064 cancer and in good enough health

NOTE Confidence: 0.86174201965332

00:29:26.064 --> 00:29:28.734 to undergo some sort of treatment.

NOTE Confidence: 0.86174201965332

00:29:28.740 --> 00:29:31.236 What you can expect if you have a

NOTE Confidence: 0.86174201965332

00:29:31.236 --> 00:29:33.529 discussion with your primary care doctor,

NOTE Confidence: 0.86174201965332

00:29:33.530 --> 00:29:35.240 is to expect to visit.

NOTE Confidence: 0.86174201965332

00:29:35.240 --> 00:29:37.090 Going over those risks and

NOTE Confidence: 0.86174201965332

00:29:37.090 --> 00:29:39.317 benefits that we talked about so

NOTE Confidence: 0.86174201965332

00:29:39.317 --> 00:29:41.141 you can ask questions and that

NOTE Confidence: 0.86174201965332

00:29:41.141 --> 00:29:43.472 they'll be a team of experts that

NOTE Confidence: 0.86174201965332

00:29:43.472 --> 00:29:45.494 will be involved in your care.

NOTE Confidence: 0.86174201965332

00:29:45.500 --> 00:29:47.004 The lung cancer screening.

NOTE Confidence: 0.86174201965332

00:29:47.004 --> 00:29:49.585 Or what's my Lowe's committed to is

NOTE Confidence: 0.86174201965332

00:29:49.585 --> 00:29:51.673 that it's really not just the see T

NOTE Confidence: 0.86174201965332

00:29:51.673 --> 00:29:53.880 it is a multi disciplinary approach

NOTE Confidence: 0.86174201965332

00:29:53.880 --> 00:29:56.692 above and beyond that cats can you

NOTE Confidence: 0.86174201965332

00:29:56.692 --> 00:29:59.488 know with regards to your care.

NOTE Confidence: 0.86174201965332

00:29:59.490 --> 00:30:01.604 And then our kind of stop sharing

NOTE Confidence: 0.86174201965332

00:30:01.604 --> 00:30:03.691 and see if there's been any

NOTE Confidence: 0.86174201965332

00:30:03.691 --> 00:30:05.536 questions in the chat box,

NOTE Confidence: 0.86174201965332

00:30:05.540 --> 00:30:07.550 or if anybody has any questions.

NOTE Confidence: 0.859241187572479

00:30:16.270 --> 00:30:18.160 And that gene, if you want to

NOTE Confidence: 0.859241187572479

00:30:18.160 --> 00:30:20.200 turn it over to Doctor to Mike,

NOTE Confidence: 0.859241187572479

00:30:20.200 --> 00:30:22.468 will turn it over.

NOTE Confidence: 0.859241187572479

00:30:22.470 --> 00:30:25.890 So there is, uh, so hold on a second.

NOTE Confidence: 0.859241187572479

00:30:25.890 --> 00:30:27.398 Karen asked the question,

NOTE Confidence: 0.859241187572479

00:30:27.398 --> 00:30:29.930 why don't you screen until age 55?

NOTE Confidence: 0.859241187572479

00:30:29.930 --> 00:30:32.126 And that's really a good question.

NOTE Confidence: 0.859241187572479

00:30:32.130 --> 00:30:34.930 What we what we have found is in

NOTE Confidence: 0.859241187572479

00:30:34.930 --> 00:30:37.598 order to demonstrate a benefit.

NOTE Confidence: 0.859241187572479

00:30:37.600 --> 00:30:39.916 You have to identify those high

NOTE Confidence: 0.859241187572479

00:30:39.916 --> 00:30:41.847 risk patients and because we

NOTE Confidence: 0.859241187572479

00:30:41.847 --> 00:30:43.755 know that age and smoking status

NOTE Confidence: 0.859241187572479

00:30:43.755 --> 00:30:46.023 are the two biggest risk factors

NOTE Confidence: 0.859241187572479

00:30:46.023 --> 00:30:48.093 when they did those studies,

NOTE Confidence: 0.859241187572479

00:30:48.100 --> 00:30:49.570 they certainly did.

NOTE Confidence: 0.859241187572479

00:30:49.570 --> 00:30:52.510 There have been some some studies

NOTE Confidence: 0.859241187572479

00:30:52.510 --> 00:30:55.459 that looked at if you can go to 50

NOTE Confidence: 0.859241187572479

00:30:55.459 --> 00:30:58.704 or if you can go to 45 and it turns

NOTE Confidence: 0.859241187572479

00:30:58.704 --> 00:31:01.600 out that at least right now below 55,

NOTE Confidence: 0.859241187572479

00:31:01.600 --> 00:31:03.616 the number needed to screen would

NOTE Confidence: 0.859241187572479

00:31:03.616 --> 00:31:06.305 be much higher and there is not

NOTE Confidence: 0.859241187572479

00:31:06.305 --> 00:31:08.009 necessarily a mortality benefit

NOTE Confidence: 0.859241187572479

00:31:08.009 --> 00:31:09.940 for people underneath that age.

NOTE Confidence: 0.859241187572479

00:31:09.940 --> 00:31:11.320 So that's why we don't screen

NOTE Confidence: 0.859241187572479

00:31:11.320 --> 00:31:12.010 people underage 55.

NOTE Confidence: 0.859241187572479

00:31:12.010 --> 00:31:13.160 And that's that's really great.

NOTE Confidence: 0.859241187572479

00:31:13.160 --> 00:31:13.616 Great question.
NOTE Confidence: 0.859241187572479

00:31:13.616 --> 00:31:15.212 I don't know if Dan wants to
NOTE Confidence: 0.859241187572479

00:31:15.212 --> 00:31:16.606 talk a little bit about that.
NOTE Confidence: 0.859241187572479

00:31:16.610 --> 00:31:17.966 'cause I'm sure the damn sure
NOTE Confidence: 0.859241187572479

00:31:17.966 --> 00:31:19.545 you get a lot of questions
NOTE Confidence: 0.859241187572479

00:31:19.545 --> 00:31:21.085 about that in your practice.
NOTE Confidence: 0.859241187572479

00:31:21.090 --> 00:31:21.690 Honestly,
NOTE Confidence: 0.873893558979034

00:31:21.690 --> 00:31:23.490 I individualized treatment
NOTE Confidence: 0.873893558979034

00:31:23.490 --> 00:31:25.290 for different patients.
NOTE Confidence: 0.873893558979034

00:31:25.290 --> 00:31:29.436 I know there's criteria for screening.
NOTE Confidence: 0.873893558979034

00:31:29.440 --> 00:31:31.348 But my personal feeling is that
NOTE Confidence: 0.873893558979034

00:31:31.348 --> 00:31:33.560 there are some high risk patients.
NOTE Confidence: 0.873893558979034

00:31:33.560 --> 00:31:37.750 An A younger patient population.
NOTE Confidence: 0.873893558979034

00:31:37.750 --> 00:31:39.313 Particularly those who
NOTE Confidence: 0.873893558979034

00:31:39.313 --> 00:31:41.397 are working in factories,
NOTE Confidence: 0.873893558979034

00:31:41.400 --> 00:31:44.285 exposed other irritants or toxins

NOTE Confidence: 0.873893558979034

00:31:44.285 --> 00:31:47.170 that might amplify the risk.

NOTE Confidence: 0.873893558979034

00:31:47.170 --> 00:31:49.300 So I look at each individual

NOTE Confidence: 0.873893558979034

00:31:49.300 --> 00:31:51.568 patient and decide if they are

NOTE Confidence: 0.873893558979034

00:31:51.568 --> 00:31:53.488 candidate for screening based on

NOTE Confidence: 0.873893558979034

00:31:53.488 --> 00:31:56.209 not only the number of cigarettes,

NOTE Confidence: 0.873893558979034

00:31:56.210 --> 00:31:58.018 But the other environmental

NOTE Confidence: 0.873893558979034

00:31:58.018 --> 00:32:00.278 risks that they might have.

NOTE Confidence: 0.873893558979034

00:32:00.280 --> 00:32:01.720 Certain patient populations

NOTE Confidence: 0.873893558979034

00:32:01.720 --> 00:32:04.120 are also at higher risks,

NOTE Confidence: 0.873893558979034

00:32:04.120 --> 00:32:07.656 which we have to make certain that we

NOTE Confidence: 0.873893558979034

00:32:07.656 --> 00:32:10.359 recognize patients with family histories,

NOTE Confidence: 0.873893558979034

00:32:10.360 --> 00:32:12.760 unusual family histories of malignancy's,

NOTE Confidence: 0.873893558979034

00:32:12.760 --> 00:32:15.721 even if they aren't meeting the full

NOTE Confidence: 0.873893558979034

00:32:15.721 --> 00:32:19.000 criteria should be considered for screening.

NOTE Confidence: 0.873893558979034

00:32:19.000 --> 00:32:23.018 So although there are criteria for screening.

NOTE Confidence: 0.873893558979034

00:32:23.020 --> 00:32:25.078 I try to broaden the criteria
NOTE Confidence: 0.873893558979034

00:32:25.078 --> 00:32:28.180 for each individual patient.
NOTE Confidence: 0.873893558979034

00:32:28.180 --> 00:32:28.490 No,
NOTE Confidence: 0.865496695041656

00:32:28.490 --> 00:32:30.356 I think that's a great point.
NOTE Confidence: 0.865496695041656

00:32:30.360 --> 00:32:32.840 I mean, I think if you if you look at
NOTE Confidence: 0.865496695041656

00:32:32.915 --> 00:32:35.456 you know where lung cancer screening is
NOTE Confidence: 0.865496695041656

00:32:35.456 --> 00:32:38.158 in 2020 versus even just 40 years ago,
NOTE Confidence: 0.865496695041656

00:32:38.160 --> 00:32:39.256 we've learned a lot.
NOTE Confidence: 0.865496695041656

00:32:39.256 --> 00:32:41.316 And I think that your point about
NOTE Confidence: 0.865496695041656

00:32:41.316 --> 00:32:43.464 taking into factor other risk factors,
NOTE Confidence: 0.865496695041656

00:32:43.470 --> 00:32:46.134 as well as exposures and family history is
NOTE Confidence: 0.865496695041656

00:32:46.134 --> 00:32:48.149 certainly something that is being looked at,
NOTE Confidence: 0.865496695041656

00:32:48.150 --> 00:32:50.958 and it may very well be that you know,
NOTE Confidence: 0.865496695041656

00:32:50.960 --> 00:32:52.868 that's why I think that that's
NOTE Confidence: 0.865496695041656

00:32:52.868 --> 00:32:54.700 a valid point without it down.
NOTE Confidence: 0.865496695041656

00:32:54.700 --> 00:32:56.400 Are there any other?

NOTE Confidence: 0.865496695041656
00:32:56.400 --> 00:32:57.250 Yeah God.
NOTE Confidence: 0.865496695041656
00:32:57.250 --> 00:32:58.698 The only other concern
NOTE Confidence: 0.87296450138092
00:32:58.700 --> 00:33:00.650 I have is that although we've
NOTE Confidence: 0.87296450138092
00:33:00.650 --> 00:33:02.680 set up criteria for screening,
NOTE Confidence: 0.87296450138092
00:33:02.680 --> 00:33:05.045 we're still not meeting the
NOTE Confidence: 0.87296450138092
00:33:05.045 --> 00:33:06.937 criteria in the community.
NOTE Confidence: 0.87296450138092
00:33:06.940 --> 00:33:10.198 It is known that only about 5 or 10%,
NOTE Confidence: 0.87296450138092
00:33:10.200 --> 00:33:12.432 maybe less of patients who really
NOTE Confidence: 0.87296450138092
00:33:12.432 --> 00:33:14.433 should be screened for lung
NOTE Confidence: 0.87296450138092
00:33:14.433 --> 00:33:16.189 cancer are getting screened.
NOTE Confidence: 0.87296450138092
00:33:16.190 --> 00:33:18.983 So one of our challenges going forward
NOTE Confidence: 0.87296450138092
00:33:18.983 --> 00:33:21.250 as physicians and the community.
NOTE Confidence: 0.87296450138092
00:33:21.250 --> 00:33:24.029 Is to try to promote screening to
NOTE Confidence: 0.87296450138092
00:33:24.029 --> 00:33:26.903 both the primary care for providers
NOTE Confidence: 0.87296450138092
00:33:26.903 --> 00:33:29.035 and the patients themselves.
NOTE Confidence: 0.87296450138092

00:33:29.040 --> 00:33:31.404 That's why forms like this are
NOTE Confidence: 0.87296450138092

00:33:31.404 --> 00:33:34.203 so important to try to educate
NOTE Confidence: 0.87296450138092

00:33:34.203 --> 00:33:35.907 the community physicians,
NOTE Confidence: 0.87296450138092

00:33:35.910 --> 00:33:37.236 including the physicians,
NOTE Confidence: 0.87296450138092

00:33:37.236 --> 00:33:39.446 an the critical need for
NOTE Confidence: 0.87296450138092

00:33:39.446 --> 00:33:40.940 screening going forward.
NOTE Confidence: 0.785401165485382

00:33:42.420 --> 00:33:43.464 Not valid points.
NOTE Confidence: 0.785401165485382

00:33:43.464 --> 00:33:45.900 I think we got some other questions.
NOTE Confidence: 0.785401165485382

00:33:45.900 --> 00:33:46.941 This is great.
NOTE Confidence: 0.785401165485382

00:33:46.941 --> 00:33:49.023 Appreciate people using the chat box.
NOTE Confidence: 0.785401165485382

00:33:49.030 --> 00:33:50.800 Tomass is their current screening
NOTE Confidence: 0.785401165485382

00:33:50.800 --> 00:33:53.016 criteria for vaping or a formula
NOTE Confidence: 0.785401165485382

00:33:53.016 --> 00:33:54.936 for tobacco for tobacco and
NOTE Confidence: 0.785401165485382

00:33:54.936 --> 00:33:56.832 vaping to calculate Packers I
NOTE Confidence: 0.785401165485382

00:33:56.832 --> 00:33:58.883 have to say I don't know how
NOTE Confidence: 0.785401165485382

00:33:58.883 --> 00:34:00.514 vaping calculates in the Packers.

NOTE Confidence: 0.785401165485382
00:34:00.514 --> 00:34:03.300 Did Mike to Dan do you guys know?
NOTE Confidence: 0.861272692680359
00:34:03.990 --> 00:34:06.258 Now that means only been around
NOTE Confidence: 0.861272692680359
00:34:06.258 --> 00:34:08.540 for five years, so we haven't
NOTE Confidence: 0.861272692680359
00:34:08.540 --> 00:34:09.680 really quantitative quantitative.
NOTE Confidence: 0.861272692680359
00:34:09.680 --> 00:34:13.336 We haven't been able to quantitate the risk.
NOTE Confidence: 0.861272692680359
00:34:13.340 --> 00:34:15.410 Of that type of exposure,
NOTE Confidence: 0.861272692680359
00:34:15.410 --> 00:34:17.485 although other types of lung
NOTE Confidence: 0.861272692680359
00:34:17.485 --> 00:34:20.032 diseases are known to occur in
NOTE Confidence: 0.861272692680359
00:34:20.032 --> 00:34:22.007 the patients that are vaping.
NOTE Confidence: 0.861272692680359
00:34:22.010 --> 00:34:24.488 But in terms of lung malignancies,
NOTE Confidence: 0.861272692680359
00:34:24.490 --> 00:34:27.496 it hasn't been around long enough.
NOTE Confidence: 0.861272692680359
00:34:27.500 --> 00:34:29.790 To really determine that risk.
NOTE Confidence: 0.857916414737701
00:34:31.310 --> 00:34:33.592 Yeah, and I think that you know
NOTE Confidence: 0.857916414737701
00:34:33.592 --> 00:34:35.967 Martina asked has a two part question.
NOTE Confidence: 0.857916414737701
00:34:35.970 --> 00:34:38.634 I'll take the first one and then Mike.
NOTE Confidence: 0.857916414737701

00:34:38.640 --> 00:34:41.628 I'm going to have you take the second one.

NOTE Confidence: 0.857916414737701

00:34:41.630 --> 00:34:43.954 How often should a person be screened?

NOTE Confidence: 0.857916414737701

00:34:43.960 --> 00:34:45.658 You know, right now the recommendation

NOTE Confidence: 0.857916414737701

00:34:45.658 --> 00:34:48.171 is to do it every year if you're

NOTE Confidence: 0.857916414737701

00:34:48.171 --> 00:34:49.816 in that eligibility criteria that

NOTE Confidence: 0.857916414737701

00:34:49.816 --> 00:34:51.700 has something that's going to

NOTE Confidence: 0.857916414737701

00:34:51.700 --> 00:34:53.570 continue to evolve because those

NOTE Confidence: 0.857916414737701

00:34:53.570 --> 00:34:55.138 studies did five annual screenings,

NOTE Confidence: 0.857916414737701

00:34:55.138 --> 00:34:57.348 you know they didn't wind up following

NOTE Confidence: 0.857916414737701

00:34:57.348 --> 00:34:59.178 those people with screenings longer

NOTE Confidence: 0.857916414737701

00:34:59.178 --> 00:35:01.438 than five years, so we're still.

NOTE Confidence: 0.857916414737701

00:35:01.438 --> 00:35:03.998 You know, looking into what the

NOTE Confidence: 0.857916414737701

00:35:03.998 --> 00:35:06.680 ideal timeline is for how often,

NOTE Confidence: 0.857916414737701

00:35:06.680 --> 00:35:09.886 but right now the United States Preventive

NOTE Confidence: 0.857916414737701

00:35:09.886 --> 00:35:12.960 Tag Task Force recommends annually.

NOTE Confidence: 0.857916414737701

00:35:12.960 --> 00:35:15.389 So Mike, I don't know what your

NOTE Confidence: 0.857916414737701

00:35:15.389 --> 00:35:17.841 thoughts are when you talk to your

NOTE Confidence: 0.857916414737701

00:35:17.841 --> 00:35:20.229 folks about how fast does lung cancer

NOTE Confidence: 0.857916414737701

00:35:20.229 --> 00:35:23.037 grow and how big should it be to beta

NOTE Confidence: 0.857916414737701

00:35:23.040 --> 00:35:25.056 tech detected with regards to growth.

NOTE Confidence: 0.857916414737701

00:35:25.060 --> 00:35:26.740 I mean, how do you?

NOTE Confidence: 0.857916414737701

00:35:26.740 --> 00:35:28.420 I mean, it's hard to

NOTE Confidence: 0.844032645225525

00:35:28.420 --> 00:35:30.334 explain what. How do you think

NOTE Confidence: 0.844032645225525

00:35:30.334 --> 00:35:32.110 about growth for lung cancer?

NOTE Confidence: 0.844032645225525

00:35:32.110 --> 00:35:34.798 I you know, I think it's so different.

NOTE Confidence: 0.844032645225525

00:35:34.800 --> 00:35:36.977 I mean, some lung cancers are very

NOTE Confidence: 0.844032645225525

00:35:36.977 --> 00:35:38.829 slow growing and creepy crawly,

NOTE Confidence: 0.844032645225525

00:35:38.830 --> 00:35:41.063 and they may have been around for

NOTE Confidence: 0.844032645225525

00:35:41.063 --> 00:35:43.209 years and largely stay contained an.

NOTE Confidence: 0.844032645225525

00:35:43.210 --> 00:35:45.520 Other cancers can grow incredibly quickly.

NOTE Confidence: 0.844032645225525

00:35:45.520 --> 00:35:47.740 Obviously, I think screening has more

NOTE Confidence: 0.844032645225525

00:35:47.740 --> 00:35:49.760 utility for slow growing cancers,
NOTE Confidence: 0.844032645225525

00:35:49.760 --> 00:35:51.296 because things won't necessarily
NOTE Confidence: 0.844032645225525

00:35:51.296 --> 00:35:53.216 change into 12 month interval,
NOTE Confidence: 0.844032645225525

00:35:53.220 --> 00:35:55.380 and you won't necessarily see the
NOTE Confidence: 0.844032645225525

00:35:55.380 --> 00:35:57.839 spread that you can sometimes see,
NOTE Confidence: 0.844032645225525

00:35:57.840 --> 00:36:00.150 but it there's really an entire
NOTE Confidence: 0.844032645225525

00:36:00.150 --> 00:36:01.690 spectrum of its behavior.
NOTE Confidence: 0.844032645225525

00:36:01.690 --> 00:36:03.230 Yeah, no, I agree.
NOTE Confidence: 0.844032645225525

00:36:03.230 --> 00:36:05.540 The growth kinetics can can vary
NOTE Confidence: 0.869789838790894

00:36:05.540 --> 00:36:07.934 with regards to how big should it
NOTE Confidence: 0.869789838790894

00:36:07.934 --> 00:36:10.935 be to be detected. The cat scan?
NOTE Confidence: 0.869789838790894

00:36:10.935 --> 00:36:14.290 Can, you know, get down to you know?
NOTE Confidence: 0.869789838790894

00:36:14.290 --> 00:36:17.130 Your size lesion, so it actually can be,
NOTE Confidence: 0.869789838790894

00:36:17.130 --> 00:36:19.422 you know, somewhat small, and that's
NOTE Confidence: 0.869789838790894

00:36:19.422 --> 00:36:22.015 one of the advantages of the screening
NOTE Confidence: 0.869789838790894

00:36:22.015 --> 00:36:24.590 and what it shown in those trials is.

NOTE Confidence: 0.869789838790894
00:36:24.590 --> 00:36:26.010 It really identifies people
NOTE Confidence: 0.869789838790894
00:36:26.010 --> 00:36:27.430 in the earlier stages.
NOTE Confidence: 0.869789838790894
00:36:27.430 --> 00:36:29.200 Stage one and stage two,
NOTE Confidence: 0.869789838790894
00:36:29.200 --> 00:36:31.601 and at least when you look at
NOTE Confidence: 0.869789838790894
00:36:31.601 --> 00:36:34.021 those studies you saw the stage
NOTE Confidence: 0.869789838790894
00:36:34.021 --> 00:36:36.211 for more advanced cancers actually
NOTE Confidence: 0.869789838790894
00:36:36.211 --> 00:36:38.479 decrease to detect it earlier.
NOTE Confidence: 0.869789838790894
00:36:38.480 --> 00:36:42.620 So I'm going to turn it over to you now,
NOTE Confidence: 0.869789838790894
00:36:42.620 --> 00:36:45.098 Mike, for Mike's going to talk
NOTE Confidence: 0.821861147880554
00:36:45.100 --> 00:36:48.068 a little bit now Jeannie wants share
NOTE Confidence: 0.821861147880554
00:36:48.068 --> 00:36:51.331 the slides or I so actually I decided
NOTE Confidence: 0.821861147880554
00:36:51.331 --> 00:36:54.302 not to use any slides because I
NOTE Confidence: 0.821861147880554
00:36:54.302 --> 00:36:57.224 think ultimately really the goal of.
NOTE Confidence: 0.821861147880554
00:36:57.230 --> 00:37:01.406 Um screening is to stay away from me.
NOTE Confidence: 0.821861147880554
00:37:01.410 --> 00:37:04.806 I think really the slides that
NOTE Confidence: 0.821861147880554

00:37:04.806 --> 00:37:07.638 I created, probably or not,
NOTE Confidence: 0.821861147880554

00:37:07.638 --> 00:37:10.468 really germane if we screened,
NOTE Confidence: 0.821861147880554

00:37:10.470 --> 00:37:14.450 and we do this successfully.
NOTE Confidence: 0.821861147880554

00:37:14.450 --> 00:37:17.402 You know, I think you brought up the fact
NOTE Confidence: 0.821861147880554

00:37:17.402 --> 00:37:19.950 that we have made unbelievable strides
NOTE Confidence: 0.821861147880554

00:37:19.950 --> 00:37:22.765 in lung cancer care, and that's true.
NOTE Confidence: 0.821861147880554

00:37:22.765 --> 00:37:25.320 But we look back the cure rates
NOTE Confidence: 0.821861147880554

00:37:25.403 --> 00:37:27.458 and the long term survival.
NOTE Confidence: 0.821861147880554

00:37:27.460 --> 00:37:28.621 Have you know,
NOTE Confidence: 0.821861147880554

00:37:28.621 --> 00:37:30.943 changed tremendously in a positive direction?
NOTE Confidence: 0.821861147880554

00:37:30.950 --> 00:37:32.880 And it's for two reasons.
NOTE Confidence: 0.821861147880554

00:37:32.880 --> 00:37:36.317 One is, we have much better treatments.
NOTE Confidence: 0.821861147880554

00:37:36.320 --> 00:37:39.358 But the other is through screening efforts.
NOTE Confidence: 0.821861147880554

00:37:39.360 --> 00:37:41.810 Hopefully we're detecting this disease
NOTE Confidence: 0.821861147880554

00:37:41.810 --> 00:37:43.770 at much earlier stages.
NOTE Confidence: 0.821861147880554

00:37:43.770 --> 00:37:44.618 And really,

NOTE Confidence: 0.821861147880554

00:37:44.618 --> 00:37:48.952 the goal of screening is to catch it at an

NOTE Confidence: 0.821861147880554

00:37:48.952 --> 00:37:52.344 early stage where the cancer can be cured,

NOTE Confidence: 0.821861147880554

00:37:52.350 --> 00:37:55.087 and hopefully if that is the case

NOTE Confidence: 0.821861147880554

00:37:55.087 --> 00:37:58.188 you will not meet someone like me

NOTE Confidence: 0.821861147880554

00:37:58.188 --> 00:38:00.942 and the chemotherapy that I have.

NOTE Confidence: 0.821861147880554

00:38:00.950 --> 00:38:03.190 Again, if the hope is that you

NOTE Confidence: 0.821861147880554

00:38:03.190 --> 00:38:05.989 catch it in stage one or stage two,

NOTE Confidence: 0.821861147880554

00:38:05.990 --> 00:38:07.398 stage one would be.

NOTE Confidence: 0.821861147880554

00:38:07.398 --> 00:38:09.899 It's a basically a solid ball in

NOTE Confidence: 0.821861147880554

00:38:09.899 --> 00:38:11.753 that issue with the long stage

NOTE Confidence: 0.821861147880554

00:38:11.753 --> 00:38:14.413 two is if it's gone to lymph nodes

NOTE Confidence: 0.821861147880554

00:38:14.413 --> 00:38:16.415 or what they call the hilum,

NOTE Confidence: 0.821861147880554

00:38:16.415 --> 00:38:18.485 which is where the long attaches

NOTE Confidence: 0.821861147880554

00:38:18.485 --> 00:38:20.438 to the center of the chest.

NOTE Confidence: 0.821861147880554

00:38:20.440 --> 00:38:22.827 But both of those can be cured.

NOTE Confidence: 0.821861147880554

00:38:22.830 --> 00:38:24.860 Stage one and stage two,
NOTE Confidence: 0.821861147880554

00:38:24.860 --> 00:38:26.210 definitely with surgery,
NOTE Confidence: 0.821861147880554

00:38:26.210 --> 00:38:28.910 but stage one we will sometimes
NOTE Confidence: 0.821861147880554

00:38:28.910 --> 00:38:31.317 find a patient either is not
NOTE Confidence: 0.821861147880554

00:38:31.317 --> 00:38:34.027 physically able or does not want to
NOTE Confidence: 0.821861147880554

00:38:34.027 --> 00:38:36.283 go through surgery and we actually
NOTE Confidence: 0.821861147880554

00:38:36.283 --> 00:38:38.516 have non surgical options including
NOTE Confidence: 0.821861147880554

00:38:38.516 --> 00:38:40.976 what they call stereotactic body
NOTE Confidence: 0.821861147880554

00:38:40.976 --> 00:38:43.217 radiotherapy which is basically a
NOTE Confidence: 0.821861147880554

00:38:43.217 --> 00:38:45.202 very short accelerated course of
NOTE Confidence: 0.821861147880554

00:38:45.202 --> 00:38:47.325 radiation where the beams kind of
NOTE Confidence: 0.821861147880554

00:38:47.325 --> 00:38:49.215 come in from all these different
NOTE Confidence: 0.821861147880554

00:38:49.220 --> 00:38:51.656 angles and basically burn the tumor.
NOTE Confidence: 0.821861147880554

00:38:51.660 --> 00:38:54.138 I don't know that it's quite.
NOTE Confidence: 0.821861147880554

00:38:54.140 --> 00:38:55.676 As good as surgery,
NOTE Confidence: 0.821861147880554

00:38:55.676 --> 00:38:58.434 but some of the data actually shows

NOTE Confidence: 0.821861147880554

00:38:58.434 --> 00:39:01.818 that the same rates of cure it five years.

NOTE Confidence: 0.821861147880554

00:39:01.820 --> 00:39:04.872 It it does risk not fully stating

NOTE Confidence: 0.821861147880554

00:39:04.872 --> 00:39:07.444 people because when Doctor Meist uh

NOTE Confidence: 0.821861147880554

00:39:07.444 --> 00:39:11.279 surgery he also looks at all the lymph nodes.

NOTE Confidence: 0.821861147880554

00:39:11.280 --> 00:39:13.877 An really that we make sure that

NOTE Confidence: 0.821861147880554

00:39:13.877 --> 00:39:16.109 we're not missing what maybe

NOTE Confidence: 0.821861147880554

00:39:16.109 --> 00:39:18.189 slightly more advanced disease.

NOTE Confidence: 0.821861147880554

00:39:18.190 --> 00:39:18.930 But Sir,

NOTE Confidence: 0.821861147880554

00:39:18.930 --> 00:39:20.040 but after radiosurgery

NOTE Confidence: 0.821861147880554

00:39:20.040 --> 00:39:21.520 is definitely an option.

NOTE Confidence: 0.821861147880554

00:39:21.520 --> 00:39:23.464 And then there's even what they

NOTE Confidence: 0.821861147880554

00:39:23.464 --> 00:39:25.590 call a blade of techniques.

NOTE Confidence: 0.821861147880554

00:39:25.590 --> 00:39:27.660 The interventional radiologists and we

NOTE Confidence: 0.821861147880554

00:39:27.660 --> 00:39:30.109 have some excellent physicians in the

NOTE Confidence: 0.821861147880554

00:39:30.109 --> 00:39:32.613 area can actually insert want into the tumor,

NOTE Confidence: 0.821861147880554

00:39:32.620 --> 00:39:34.792 and they can either create an
NOTE Confidence: 0.821861147880554

00:39:34.792 --> 00:39:37.060 ice ball and freeze the tumor,
NOTE Confidence: 0.821861147880554

00:39:37.060 --> 00:39:39.594 or they can microwave it in those
NOTE Confidence: 0.821861147880554

00:39:39.594 --> 00:39:42.810 again are two ways that we can cure
NOTE Confidence: 0.821861147880554

00:39:42.810 --> 00:39:44.855 early stage cancers in patients
NOTE Confidence: 0.821861147880554

00:39:44.934 --> 00:39:47.250 were surgery is not an option.
NOTE Confidence: 0.821861147880554

00:39:47.250 --> 00:39:49.959 Um, there are times where patients are
NOTE Confidence: 0.821861147880554

00:39:49.959 --> 00:39:51.800 quarterly enough through screening,
NOTE Confidence: 0.821861147880554

00:39:51.800 --> 00:39:54.530 but it has still spread to the
NOTE Confidence: 0.821861147880554

00:39:54.530 --> 00:39:56.360 lymph nodes where doctor,
NOTE Confidence: 0.821861147880554

00:39:56.360 --> 00:39:58.880 Mace or Doctor Rudolph may send
NOTE Confidence: 0.821861147880554

00:39:58.880 --> 00:40:00.910 you a patient to me.
NOTE Confidence: 0.821861147880554

00:40:00.910 --> 00:40:02.980 Because if the cancer has
NOTE Confidence: 0.821861147880554

00:40:02.980 --> 00:40:05.050 spread to the lymph nodes,
NOTE Confidence: 0.821861147880554

00:40:05.050 --> 00:40:06.830 the thought is that.
NOTE Confidence: 0.821861147880554

00:40:06.830 --> 00:40:09.500 While the patient is probably cured,

NOTE Confidence: 0.821861147880554

00:40:09.500 --> 00:40:10.322 no matter what,

NOTE Confidence: 0.821861147880554

00:40:10.322 --> 00:40:12.240 there is a high enough risk of

NOTE Confidence: 0.889013051986694

00:40:12.302 --> 00:40:14.336 the cancer further spreading in coming

NOTE Confidence: 0.889013051986694

00:40:14.336 --> 00:40:17.024 back later on that we can give them

NOTE Confidence: 0.889013051986694

00:40:17.024 --> 00:40:18.920 a very short course of chemotherapy,

NOTE Confidence: 0.889013051986694

00:40:18.920 --> 00:40:21.746 just over a period of a couple of months,

NOTE Confidence: 0.889013051986694

00:40:21.750 --> 00:40:23.002 and it's basically it's

NOTE Confidence: 0.889013051986694

00:40:23.002 --> 00:40:24.254 like using weed killer.

NOTE Confidence: 0.889013051986694

00:40:24.260 --> 00:40:26.916 If you imagine just one or two cancer

NOTE Confidence: 0.889013051986694

00:40:26.916 --> 00:40:29.248 cells that are floating out there.

NOTE Confidence: 0.889013051986694

00:40:29.250 --> 00:40:31.466 And if we're able to kill them before

NOTE Confidence: 0.889013051986694

00:40:31.466 --> 00:40:33.375 they grow into big enough collection

NOTE Confidence: 0.889013051986694

00:40:33.375 --> 00:40:35.910 that they can start to cause problems,

NOTE Confidence: 0.889013051986694

00:40:35.910 --> 00:40:39.051 we further add to the rate of cure that

NOTE Confidence: 0.889013051986694

00:40:39.051 --> 00:40:41.529 Doctor Mace is already given them.

NOTE Confidence: 0.889013051986694

00:40:41.530 --> 00:40:44.390 Um? I you know again,
NOTE Confidence: 0.889013051986694

00:40:44.390 --> 00:40:46.958 the whole point of this is to prevent,
NOTE Confidence: 0.889013051986694

00:40:46.960 --> 00:40:49.224 or at least decrease the chance of the
NOTE Confidence: 0.889013051986694

00:40:49.224 --> 00:40:51.100 cancer has progressed to an advance
NOTE Confidence: 0.889013051986694

00:40:51.100 --> 00:40:53.392 enough stage where we can get into
NOTE Confidence: 0.889013051986694

00:40:53.392 --> 00:40:55.898 some of the newer immune therapies and
NOTE Confidence: 0.889013051986694

00:40:55.898 --> 00:40:57.508 targeted therapies that have really
NOTE Confidence: 0.889013051986694

00:40:57.508 --> 00:41:00.170 become such a big part of our Arsenal.
NOTE Confidence: 0.889013051986694

00:41:00.170 --> 00:41:02.606 But I guess you know what I
NOTE Confidence: 0.889013051986694

00:41:02.606 --> 00:41:04.959 would say is if God forbid.
NOTE Confidence: 0.889013051986694

00:41:04.960 --> 00:41:08.300 The cancer is more advanced.
NOTE Confidence: 0.889013051986694

00:41:08.300 --> 00:41:08.900 There's not.
NOTE Confidence: 0.889013051986694

00:41:08.900 --> 00:41:11.300 I really never want people to lose hope.
NOTE Confidence: 0.889013051986694

00:41:11.300 --> 00:41:13.784 There is just so much more than we could
NOTE Confidence: 0.889013051986694

00:41:13.784 --> 00:41:16.697 do that what we could do several years ago.
NOTE Confidence: 0.889013051986694

00:41:16.700 --> 00:41:18.200 So I just thought I,

NOTE Confidence: 0.889013051986694
00:41:18.200 --> 00:41:20.960 I always feel that I can sit down with the
NOTE Confidence: 0.889013051986694
00:41:21.032 --> 00:41:23.600 patient and say no matter what we find,
NOTE Confidence: 0.889013051986694
00:41:23.600 --> 00:41:27.008 I can guarantee that we can help you.
NOTE Confidence: 0.889013051986694
00:41:27.010 --> 00:41:30.322 I think that's about all I have to say
NOTE Confidence: 0.889013051986694
00:41:30.322 --> 00:41:33.519 from a medical oncology's standpoint.
NOTE Confidence: 0.887632131576538
00:41:34.240 --> 00:41:36.150 No, I think that's great.
NOTE Confidence: 0.887632131576538
00:41:36.150 --> 00:41:38.646 That's some helpful insight with regards
NOTE Confidence: 0.887632131576538
00:41:38.646 --> 00:41:41.819 to where we're at and appreciate your.
NOTE Confidence: 0.887632131576538
00:41:41.820 --> 00:41:43.962 Your comments in your perspective, I think
NOTE Confidence: 0.887632131576538
00:41:43.962 --> 00:41:45.798 we have another question from Natasha.
NOTE Confidence: 0.887632131576538
00:41:45.800 --> 00:41:47.260 Once the screening is complete
NOTE Confidence: 0.887632131576538
00:41:47.260 --> 00:41:49.160 and there is a negative result,
NOTE Confidence: 0.887632131576538
00:41:49.160 --> 00:41:50.762 do you work with the individual
NOTE Confidence: 0.887632131576538
00:41:50.762 --> 00:41:52.612 who is an active smoker to
NOTE Confidence: 0.887632131576538
00:41:52.612 --> 00:41:54.060 stop getting absolutely 100%?
NOTE Confidence: 0.887632131576538

00:41:54.060 --> 00:41:55.176 You know, you know,
NOTE Confidence: 0.887632131576538

00:41:55.176 --> 00:41:57.890 I think we all take the approach that you
NOTE Confidence: 0.887632131576538

00:41:57.890 --> 00:42:00.490 know we're going to take care of you.
NOTE Confidence: 0.887632131576538

00:42:00.490 --> 00:42:01.555 Whether you're smoking,
NOTE Confidence: 0.887632131576538

00:42:01.555 --> 00:42:04.040 whether you're not smoking and at least
NOTE Confidence: 0.887632131576538

00:42:04.100 --> 00:42:06.296 you know from at least I don't take it.
NOTE Confidence: 0.887632131576538

00:42:06.300 --> 00:42:07.227 As you know,
NOTE Confidence: 0.887632131576538

00:42:07.227 --> 00:42:09.670 when you're coming in to talk to me,
NOTE Confidence: 0.887632131576538

00:42:09.670 --> 00:42:12.110 we're going to spend a long time about,
NOTE Confidence: 0.887632131576538

00:42:12.110 --> 00:42:13.100 you, know, the.
NOTE Confidence: 0.887632131576538

00:42:13.100 --> 00:42:15.410 Fact that you need to stop smoking.
NOTE Confidence: 0.887632131576538

00:42:15.410 --> 00:42:17.608 I think in most people know that
NOTE Confidence: 0.887632131576538

00:42:17.608 --> 00:42:20.410 we just try and make sure that the
NOTE Confidence: 0.887632131576538

00:42:20.410 --> 00:42:22.840 resources are there so that you can.
NOTE Confidence: 0.887632131576538

00:42:22.840 --> 00:42:25.045 You know on your journey to either
NOTE Confidence: 0.887632131576538

00:42:25.045 --> 00:42:27.672 cut back or to quit that you have

NOTE Confidence: 0.887632131576538
00:42:27.672 --> 00:42:29.970 all the resources at your disposal.
NOTE Confidence: 0.887632131576538
00:42:29.970 --> 00:42:30.200 No.
NOTE Confidence: 0.904461622238159
00:42:33.230 --> 00:42:35.106 And then you said,
NOTE Confidence: 0.904461622238159
00:42:35.106 --> 00:42:37.920 I'm thinking of ways to get
NOTE Confidence: 0.904461622238159
00:42:37.920 --> 00:42:40.270 this messaging into the community,
NOTE Confidence: 0.904461622238159
00:42:40.270 --> 00:42:43.260 and I think that's great.
NOTE Confidence: 0.904461622238159
00:42:43.260 --> 00:42:45.180 Well, I think you know unless
NOTE Confidence: 0.904461622238159
00:42:45.180 --> 00:42:47.220 there is no other questions.
NOTE Confidence: 0.904461622238159
00:42:47.220 --> 00:42:48.300 I appreciate everyone's
NOTE Confidence: 0.904461622238159
00:42:48.300 --> 00:42:50.100 time for joining us tonight.
NOTE Confidence: 0.904461622238159
00:42:50.100 --> 00:42:51.900 You know, Mike and Dan.
NOTE Confidence: 0.904461622238159
00:42:51.900 --> 00:42:54.728 Thank you very much for your time
NOTE Confidence: 0.904461622238159
00:42:54.728 --> 00:42:58.373 and wisdom and I hope you guys have
NOTE Confidence: 0.904461622238159
00:42:58.373 --> 00:43:00.580 a wonderful Thursday evening. Thank
NOTE Confidence: 0.777502000331879
00:43:00.580 --> 00:43:03.770 you then thank you, Benny.
NOTE Confidence: 0.648225545883179

00:43:03.770 --> 00:43:06.359 And thank you Gene for putting

NOTE Confidence: 0.648225545883179

00:43:06.360 --> 00:43:08.768 this program together. Welcome.