

WEBVTT

NOTE duration:"00:10:03.7420000"

NOTE language:en-us

NOTE Confidence: 0.8650582

00:00:00.000 --> 00:00:03.392 It's my pleasure to now introduce our next

NOTE Confidence: 0.8650582

00:00:03.392 --> 00:00:06.450 speaker who is Doctor Keith Churchwell.

NOTE Confidence: 0.8650582

00:00:06.450 --> 00:00:08.562 He graduated from Harvard

NOTE Confidence: 0.8650582

00:00:08.562 --> 00:00:10.674 University and earned his.

NOTE Confidence: 0.8650582

00:00:10.680 --> 00:00:12.800 Medical degree from the Washington

NOTE Confidence: 0.8650582

00:00:12.800 --> 00:00:14.496 University School of Medicine.

NOTE Confidence: 0.8650582

00:00:14.500 --> 00:00:16.620 He then completed his internship,

NOTE Confidence: 0.8650582

00:00:16.620 --> 00:00:19.212 residency, and chief residency at the

NOTE Confidence: 0.8650582

00:00:19.212 --> 00:00:21.827 Emory University School of Medicine where

NOTE Confidence: 0.8650582

00:00:21.827 --> 00:00:24.662 he also did a fellowship in cardiology.

NOTE Confidence: 0.8650582

00:00:24.670 --> 00:00:25.945 An additional fellowship

NOTE Confidence: 0.8650582

00:00:25.945 --> 00:00:27.220 in nuclear cardiology,

NOTE Confidence: 0.8650582

00:00:27.220 --> 00:00:30.811 he became the president of the Yale

NOTE Confidence: 0.8650582

00:00:30.811 --> 00:00:34.260 New Haven Hospital in October of 2020.

NOTE Confidence: 0.8650582

00:00:34.260 --> 00:00:36.010 As an Assistant associate Clinical

NOTE Confidence: 0.8650582

00:00:36.010 --> 00:00:37.760 Professor of Medicine at the

NOTE Confidence: 0.8650582

00:00:37.824 --> 00:00:39.160 Yale School of Medicine,

NOTE Confidence: 0.8650582

00:00:39.160 --> 00:00:41.260 and with that I'll turn it

NOTE Confidence: 0.8650582

00:00:41.260 --> 00:00:42.660 over to Doctor Churchwell

NOTE Confidence: 0.8304196

00:00:44.000 --> 00:00:45.806 Thank you Sam. Appreciate the time.

NOTE Confidence: 0.8304196

00:00:45.810 --> 00:00:47.978 I know I I feel that my introduction

NOTE Confidence: 0.8304196

00:00:47.978 --> 00:00:49.739 maybe longer than my presentation,

NOTE Confidence: 0.8304196

00:00:49.740 --> 00:00:51.812 so will try to keep it short

NOTE Confidence: 0.8304196

00:00:51.812 --> 00:00:53.968 and brief and keep us on track.

NOTE Confidence: 0.8304196

00:00:53.970 --> 00:00:55.674 It's been a great pleasure to

NOTE Confidence: 0.8304196

00:00:55.674 --> 00:00:57.590 work with Mike and with others,

NOTE Confidence: 0.8304196

00:00:57.590 --> 00:00:59.065 and in developing our generations

NOTE Confidence: 0.8304196

00:00:59.065 --> 00:01:01.210 project what came out of that though,

NOTE Confidence: 0.8304196

00:01:01.210 --> 00:01:03.324 as our next steps has been incredibly

NOTE Confidence: 0.8304196

00:01:03.324 --> 00:01:05.111 important in thinking about the development

NOTE Confidence: 0.8304196

00:01:05.111 --> 00:01:07.560 of genomic health that we use of clinical.

NOTE Confidence: 0.8304196

00:01:07.560 --> 00:01:08.768 This clinical information across

NOTE Confidence: 0.8304196

00:01:08.768 --> 00:01:10.580 not only for Yale Hospital bill,

NOTE Confidence: 0.8304196

00:01:10.580 --> 00:01:11.822 New Haven Hospital,

NOTE Confidence: 0.8304196

00:01:11.822 --> 00:01:14.306 but really across our health system.

NOTE Confidence: 0.8304196

00:01:14.310 --> 00:01:16.990 As we think about the idea and the

NOTE Confidence: 0.8304196

00:01:16.990 --> 00:01:18.294 opportunity around personalized

NOTE Confidence: 0.8304196

00:01:18.294 --> 00:01:20.570 medicine and precision medicine.

NOTE Confidence: 0.8304196

00:01:20.570 --> 00:01:24.450 I'm gonna share, I guess if we go for right.

NOTE Confidence: 0.8304196

00:01:24.450 --> 00:01:28.056 So very few flights I want

NOTE Confidence: 0.8304196

00:01:28.056 --> 00:01:32.160 actually want to go forward and.

NOTE Confidence: 0.8304196

00:01:32.160 --> 00:01:34.708 And sort of give a bit of

NOTE Confidence: 0.8304196

00:01:34.708 --> 00:01:36.520 a background in regards

NOTE Confidence: 0.83895093

00:01:36.520 --> 00:01:40.075 to how we got to where we are from

NOTE Confidence: 0.83895093

00:01:40.080 --> 00:01:42.922 the from the health system standpoint as

NOTE Confidence: 0.83895093

00:01:42.922 --> 00:01:45.230 we work collaboratively with the school.

NOTE Confidence: 0.83895093

00:01:45.230 --> 00:01:47.325 This particular project actually had

NOTE Confidence: 0.83895093

00:01:47.325 --> 00:01:49.840 its beginnings with Rick Tukwila and

NOTE Confidence: 0.83895093

00:01:49.840 --> 00:01:51.988 aren't Indian alperin back in 2017

NOTE Confidence: 0.83895093

00:01:51.988 --> 00:01:53.924 with an announcement and initiative

NOTE Confidence: 0.83895093

00:01:53.924 --> 00:01:55.919 at our senior leadership Group.

NOTE Confidence: 0.83895093

00:01:55.920 --> 00:01:58.296 At that time, about the development

NOTE Confidence: 0.83895093

00:01:58.296 --> 00:01:59.880 of genomic genomic health,

NOTE Confidence: 0.83895093

00:01:59.880 --> 00:02:02.736 platform and program, the idea was to.

NOTE Confidence: 0.83895093

00:02:02.740 --> 00:02:05.463 Have available for anyone who wanted to

NOTE Confidence: 0.83895093

00:02:05.463 --> 00:02:07.689 participate from a patient perspective

NOTE Confidence: 0.83895093

00:02:07.689 --> 00:02:10.169 to have their genetic information

NOTE Confidence: 0.83895093

00:02:10.169 --> 00:02:12.531 evaluated within our Group 4 at

NOTE Confidence: 0.83895093

00:02:12.531 --> 00:02:14.835 this at that time and at this point

NOTE Confidence: 0.83895093

00:02:14.835 --> 00:02:18.235 free an for us to actually have a

NOTE Confidence: 0.83895093

00:02:18.235 --> 00:02:20.793 longitudinal pathway in a basis for
NOTE Confidence: 0.83895093

00:02:20.793 --> 00:02:23.250 that evaluation and and and and.
NOTE Confidence: 0.83895093

00:02:23.250 --> 00:02:25.100 Information back to those individuals,
NOTE Confidence: 0.83895093

00:02:25.100 --> 00:02:27.676 whether there was an abnormality or not,
NOTE Confidence: 0.83895093

00:02:27.680 --> 00:02:29.520 as we gained additional information,
NOTE Confidence: 0.83895093

00:02:29.520 --> 00:02:31.446 the opportunity to actually develop a
NOTE Confidence: 0.83895093

00:02:31.446 --> 00:02:33.943 a rich and deep database for genetic
NOTE Confidence: 0.83895093

00:02:33.943 --> 00:02:36.235 information that we can use clinically
NOTE Confidence: 0.83895093

00:02:36.235 --> 00:02:38.377 and also from Reese perspective,
NOTE Confidence: 0.83895093

00:02:38.380 --> 00:02:41.516 was the was the reasons behind this
NOTE Confidence: 0.83895093

00:02:41.516 --> 00:02:43.200 and beginnings of it.
NOTE Confidence: 0.83895093

00:02:43.200 --> 00:02:44.580 What has been remarkably,
NOTE Confidence: 0.83895093

00:02:44.580 --> 00:02:45.615 I think helpful,
NOTE Confidence: 0.83895093

00:02:45.620 --> 00:02:47.874 and we're thankful love has been the
NOTE Confidence: 0.83895093

00:02:47.874 --> 00:02:49.593 significant an great collaboration with
NOTE Confidence: 0.83895093

00:02:49.593 --> 00:02:52.008 with the school and with the hospital

NOTE Confidence: 0.83895093
00:02:52.008 --> 00:02:54.620 with the development of our executive board,
NOTE Confidence: 0.83895093
00:02:54.620 --> 00:02:57.035 which actually has Antonio and Brian Smith,
NOTE Confidence: 0.83895093
00:02:57.040 --> 00:02:58.424 Moroccan Elan Hotel and
NOTE Confidence: 0.83895093
00:02:58.424 --> 00:02:59.808 others from the school,
NOTE Confidence: 0.83895093
00:02:59.810 --> 00:03:01.802 along with our number of senior
NOTE Confidence: 0.83895093
00:03:01.802 --> 00:03:03.545 leadership from the hospital who
NOTE Confidence: 0.83895093
00:03:03.545 --> 00:03:05.315 are actually involved with those
NOTE Confidence: 0.83895093
00:03:05.315 --> 00:03:07.070 particular service lines we have,
NOTE Confidence: 0.83895093
00:03:07.070 --> 00:03:09.158 we thought through the development of
NOTE Confidence: 0.83895093
00:03:09.158 --> 00:03:11.336 the generations project and also the
NOTE Confidence: 0.83895093
00:03:11.336 --> 00:03:13.508 opportunities that generations would give us.
NOTE Confidence: 0.83895093
00:03:13.510 --> 00:03:15.526 In helping us develop the platform
NOTE Confidence: 0.83895093
00:03:15.526 --> 00:03:17.506 to think about the day-to-day
NOTE Confidence: 0.83895093
00:03:17.506 --> 00:03:19.790 opportunity around genomic health.
NOTE Confidence: 0.83895093
00:03:19.790 --> 00:03:22.886 When you think about it from a institution
NOTE Confidence: 0.83895093

00:03:22.886 --> 00:03:25.539 standpoint from a health system standpoint,
NOTE Confidence: 0.83895093

00:03:25.540 --> 00:03:27.915 we touch greater than 1,000,000
NOTE Confidence: 0.83895093

00:03:27.915 --> 00:03:29.815 individual lives per year.
NOTE Confidence: 0.83895093

00:03:29.820 --> 00:03:32.466 I think about that not only just
NOTE Confidence: 0.83895093

00:03:32.470 --> 00:03:34.356 said he'll New Haven hospital,
NOTE Confidence: 0.83895093

00:03:34.356 --> 00:03:36.246 but across our health system,
NOTE Confidence: 0.83895093

00:03:36.250 --> 00:03:39.687 the opportunity to actually have a database
NOTE Confidence: 0.83895093

00:03:39.687 --> 00:03:43.659 that is Accra Markably rich to speak to a.
NOTE Confidence: 0.83895093

00:03:43.660 --> 00:03:45.020 In individuals and populations
NOTE Confidence: 0.8189843

00:03:45.020 --> 00:03:46.735 that really mirror the population
NOTE Confidence: 0.8189843

00:03:46.735 --> 00:03:49.100 of the United States to give back
NOTE Confidence: 0.8189843

00:03:49.100 --> 00:03:50.460 information that actually pertinent
NOTE Confidence: 0.8189843

00:03:50.460 --> 00:03:52.845 and be helpful in terms of the
NOTE Confidence: 0.8189843

00:03:52.845 --> 00:03:54.570 development plans and processes around
NOTE Confidence: 0.8189843

00:03:54.570 --> 00:03:56.580 care and Anna rare rich database.
NOTE Confidence: 0.8189843

00:03:56.580 --> 00:03:58.620 Ultimately they could be for use

NOTE Confidence: 0.8189843

00:03:58.620 --> 00:04:00.200 for research purposes, I think

NOTE Confidence: 0.8189843

00:04:00.200 --> 00:04:02.360 has been one of the charging

NOTE Confidence: 0.8189843

00:04:02.360 --> 00:04:04.400 factors for us to include this

NOTE Confidence: 0.8189843

00:04:04.400 --> 00:04:05.420 continued overall development.

NOTE Confidence: 0.80101126

00:04:06.290 --> 00:04:07.980 One of the big issues

NOTE Confidence: 0.801011259999999

00:04:07.980 --> 00:04:10.423 that actually has helped us and and

NOTE Confidence: 0.801011259999999

00:04:10.423 --> 00:04:12.105 this overall development that we

NOTE Confidence: 0.801011259999999

00:04:12.105 --> 00:04:13.815 needed to actually invest in has

NOTE Confidence: 0.801011259999999

00:04:13.815 --> 00:04:15.917 been the computational data Lake that

NOTE Confidence: 0.801011259999999

00:04:15.917 --> 00:04:18.119 Wade Shields will talk about their

NOTE Confidence: 0.801011259999999

00:04:18.120 --> 00:04:20.148 greater extent with the next talk.

NOTE Confidence: 0.801011259999999

00:04:20.150 --> 00:04:21.485 The health system has actually

NOTE Confidence: 0.801011259999999

00:04:21.485 --> 00:04:23.329 made a point of a significant

NOTE Confidence: 0.801011259999999

00:04:23.329 --> 00:04:25.559 investment in putting this together.

NOTE Confidence: 0.801011259999999

00:04:25.560 --> 00:04:27.576 The importance of it, I think,

NOTE Confidence: 0.801011259999999

00:04:27.580 --> 00:04:28.932 cannot be under emphasized.
NOTE Confidence: 0.8010112599999999

00:04:28.932 --> 00:04:30.622 Its need for the generations
NOTE Confidence: 0.8010112599999999

00:04:30.622 --> 00:04:32.264 project and in the development
NOTE Confidence: 0.8010112599999999

00:04:32.264 --> 00:04:34.220 of our clinical pathways to make
NOTE Confidence: 0.8010112599999999

00:04:34.281 --> 00:04:36.057 health is obviously important.
NOTE Confidence: 0.8010112599999999

00:04:36.060 --> 00:04:38.076 But it is actually our obviously been
NOTE Confidence: 0.8010112599999999

00:04:38.076 --> 00:04:39.840 extremely important for us in terms
NOTE Confidence: 0.8010112599999999

00:04:39.840 --> 00:04:41.255 of data acquisition and evaluation
NOTE Confidence: 0.8010112599999999

00:04:41.255 --> 00:04:42.820 and treatment plans and processes,
NOTE Confidence: 0.8010112599999999

00:04:42.820 --> 00:04:44.295 and understanding how we have
NOTE Confidence: 0.8010112599999999

00:04:44.295 --> 00:04:46.109 developed these plans in in the
NOTE Confidence: 0.8010112599999999

00:04:46.109 --> 00:04:47.229 midst of this pandemic.
NOTE Confidence: 0.8010112599999999

00:04:47.230 --> 00:04:47.756 Without it,
NOTE Confidence: 0.8010112599999999

00:04:47.756 --> 00:04:49.860 I think we've actually had been a bit
NOTE Confidence: 0.8010112599999999

00:04:49.919 --> 00:04:51.760 blind in regards to how we wanted
NOTE Confidence: 0.8010112599999999

00:04:51.760 --> 00:04:53.640 to look towards the development of

NOTE Confidence: 0.801011259999999

00:04:53.640 --> 00:04:55.704 plans and processes around kovid and

NOTE Confidence: 0.801011259999999

00:04:55.704 --> 00:04:58.108 actually sort of came in an important time.

NOTE Confidence: 0.801011259999999

00:04:58.110 --> 00:04:59.510 We continue that investment.

NOTE Confidence: 0.801011259999999

00:04:59.510 --> 00:05:01.260 That investment will actually go

NOTE Confidence: 0.801011259999999

00:05:01.260 --> 00:05:03.231 over the next two to three years so

NOTE Confidence: 0.801011259999999

00:05:03.231 --> 00:05:04.658 that we can actually interdigitate

NOTE Confidence: 0.801011259999999

00:05:04.658 --> 00:05:06.770 and bring together all of the.

NOTE Confidence: 0.801011259999999

00:05:06.770 --> 00:05:08.880 Important databases across our health system,

NOTE Confidence: 0.801011259999999

00:05:08.880 --> 00:05:10.630 both the Epic database our

NOTE Confidence: 0.8492095

00:05:10.630 --> 00:05:12.385 genomic database are a dead

NOTE Confidence: 0.8492095

00:05:12.385 --> 00:05:13.790 databases around the financial

NOTE Confidence: 0.8492095

00:05:13.790 --> 00:05:15.542 aspects and also the demographic

NOTE Confidence: 0.8492095

00:05:15.542 --> 00:05:18.000 aspects for our patients so that we

NOTE Confidence: 0.8492095

00:05:18.000 --> 00:05:20.106 actually have a full and rich

NOTE Confidence: 0.8492095

00:05:20.106 --> 00:05:22.202 picture that we can actually have.

NOTE Confidence: 0.8492095

00:05:22.202 --> 00:05:25.280 We have invested in for us to be able
NOTE Confidence: 0.8492095

00:05:25.363 --> 00:05:28.960 to answer important questions. As
NOTE Confidence: 0.8193979

00:05:28.960 --> 00:05:31.000 part of the work of generations,
NOTE Confidence: 0.8193979

00:05:31.000 --> 00:05:33.184 what came from that as we think
NOTE Confidence: 0.8193979

00:05:33.184 --> 00:05:35.295 about the development of the clinical
NOTE Confidence: 0.8193979

00:05:35.295 --> 00:05:36.775 pathways for genomic health,
NOTE Confidence: 0.8193979

00:05:36.780 --> 00:05:39.321 we we did something I thought was
NOTE Confidence: 0.8193979

00:05:39.321 --> 00:05:40.860 actually very important to us.
NOTE Confidence: 0.8193979

00:05:40.860 --> 00:05:43.212 We put together a what we described
NOTE Confidence: 0.8193979

00:05:43.212 --> 00:05:45.216 his office hours that Mike Murray
NOTE Confidence: 0.8193979

00:05:45.216 --> 00:05:47.823 and the rich lisitano and I had with
NOTE Confidence: 0.8193979

00:05:47.823 --> 00:05:50.037 actually many of chairs and Chiefs,
NOTE Confidence: 0.8193979

00:05:50.040 --> 00:05:51.740 and actually clinicians and clinical
NOTE Confidence: 0.8193979

00:05:51.740 --> 00:05:53.780 researchers across the spectrum of Yale
NOTE Confidence: 0.8193979

00:05:53.780 --> 00:05:55.820 Medicine and across our health system,
NOTE Confidence: 0.8193979

00:05:55.820 --> 00:05:58.076 and asked that actually a very

NOTE Confidence: 0.8193979

00:05:58.076 --> 00:05:59.970 simple question. How can we help?

NOTE Confidence: 0.8193979

00:05:59.970 --> 00:06:01.965 What are actually the things that you

NOTE Confidence: 0.8193979

00:06:01.965 --> 00:06:03.675 are doing actually within your lab?

NOTE Confidence: 0.8193979

00:06:03.680 --> 00:06:05.480 Or actually I in your clinical

NOTE Confidence: 0.8193979

00:06:05.480 --> 00:06:07.013 research or their day-to-day work

NOTE Confidence: 0.8193979

00:06:07.013 --> 00:06:08.687 that generations may be helpful to

NOTE Confidence: 0.8193979

00:06:08.687 --> 00:06:10.376 and helpful and helping develop as

NOTE Confidence: 0.8193979

00:06:10.376 --> 00:06:12.224 a pathway for us to actually have

NOTE Confidence: 0.8193979

00:06:12.230 --> 00:06:13.342 to have additional information,

NOTE Confidence: 0.8193979

00:06:13.342 --> 00:06:15.354 but also have an impact in terms

NOTE Confidence: 0.8193979

00:06:15.354 --> 00:06:16.218 of overall health.

NOTE Confidence: 0.8193979

00:06:16.220 --> 00:06:16.818 This wheel,

NOTE Confidence: 0.8193979

00:06:16.818 --> 00:06:19.210 which is actually for me a very popular

NOTE Confidence: 0.8193979

00:06:19.276 --> 00:06:21.916 slide and it was a very popular side I think.

NOTE Confidence: 0.8193979

00:06:21.920 --> 00:06:23.558 With Dean Alford has been developed

NOTE Confidence: 0.8193979

00:06:23.558 --> 00:06:25.893 over the past few years and with each
NOTE Confidence: 0.8193979

00:06:25.893 --> 00:06:27.383 one of these arrows representing
NOTE Confidence: 0.8193979

00:06:27.383 --> 00:06:28.832 those particular groups that have
NOTE Confidence: 0.8193979

00:06:28.832 --> 00:06:30.748 come to us and talked and thought.
NOTE Confidence: 0.8193979

00:06:30.748 --> 00:06:32.972 And and talk to us about the projects
NOTE Confidence: 0.8193979

00:06:32.972 --> 00:06:35.245 they had ongoing there and also projects
NOTE Confidence: 0.8193979

00:06:35.245 --> 00:06:37.250 they actually wanted to put forward.
NOTE Confidence: 0.8193979

00:06:37.250 --> 00:06:38.936 And they needed additional help with
NOTE Confidence: 0.8193979

00:06:38.936 --> 00:06:41.074 and how we can actually move forward
NOTE Confidence: 0.8193979

00:06:41.074 --> 00:06:43.307 and have an impact on overall health
NOTE Confidence: 0.8193979

00:06:43.370 --> 00:06:45.407 of all the individuals that we touch,
NOTE Confidence: 0.8193979

00:06:45.410 --> 00:06:45.711 right?
NOTE Confidence: 0.8193979

00:06:45.711 --> 00:06:48.126 Look at this wheel and there's a couple
NOTE Confidence: 0.8193979

00:06:48.126 --> 00:06:50.234 of fan taxes examples of where we've
NOTE Confidence: 0.8193979

00:06:50.234 --> 00:06:52.088 been able to actually move forward
NOTE Confidence: 0.8193979

00:06:52.088 --> 00:06:53.648 with additional initiatives that are

NOTE Confidence: 0.8193979

00:06:53.648 --> 00:06:55.524 actually a part of generations but

NOTE Confidence: 0.8193979

00:06:55.524 --> 00:06:56.736 actually expanded generations might

NOTE Confidence: 0.8193979

00:06:56.736 --> 00:06:58.390 talked about our renal transplant program

NOTE Confidence: 0.8193979

00:06:58.390 --> 00:07:00.140 and the building of actually having

NOTE Confidence: 0.8193979

00:07:00.140 --> 00:07:02.240 an epic order for this evaluation.

NOTE Confidence: 0.8193979

00:07:02.240 --> 00:07:03.946 For those patients with undifferentiated

NOTE Confidence: 0.8193979

00:07:03.946 --> 00:07:05.650 reasons for actually for chronic

NOTE Confidence: 0.8193979

00:07:05.650 --> 00:07:06.330 renal disease,

NOTE Confidence: 0.8193979

00:07:06.330 --> 00:07:07.962 where you actually have also

NOTE Confidence: 0.8193979

00:07:07.962 --> 00:07:09.577 developed a farmer Kojia genomics

NOTE Confidence: 0.8193979

00:07:09.577 --> 00:07:11.447 pathway for their patient population,

NOTE Confidence: 0.8193979

00:07:11.450 --> 00:07:12.422 hexxeh's head transplantation

NOTE Confidence: 0.8193979

00:07:12.422 --> 00:07:14.690 and B&A test for those people for

NOTE Confidence: 0.8193979

00:07:14.747 --> 00:07:15.878 the individual tracks,

NOTE Confidence: 0.8193979

00:07:15.880 --> 00:07:17.585 they have a sensitivity to

NOTE Confidence: 0.8193979

00:07:17.585 --> 00:07:18.267 immunosuppressive drugs.
NOTE Confidence: 0.8193979

00:07:18.270 --> 00:07:18.625 Man,
NOTE Confidence: 0.8193979

00:07:18.625 --> 00:07:20.755 that may lead to adverse reactions
NOTE Confidence: 0.8193979

00:07:20.755 --> 00:07:23.236 which will allow us to actually avoid
NOTE Confidence: 0.8193979

00:07:23.236 --> 00:07:25.252 those drugs and have the patient
NOTE Confidence: 0.8193979

00:07:25.323 --> 00:07:27.225 take another set of medications to
NOTE Confidence: 0.8193979

00:07:27.225 --> 00:07:29.904 to to to ensure that we are not
NOTE Confidence: 0.8193979

00:07:29.904 --> 00:07:31.308 leading to significant adverse
NOTE Confidence: 0.8193979

00:07:31.308 --> 00:07:32.980 reaction to those patients.
NOTE Confidence: 0.8193979

00:07:32.980 --> 00:07:35.348 We look on the wheel for cardiovascular
NOTE Confidence: 0.781796

00:07:35.350 --> 00:07:37.390 health and there are multiple actionable
NOTE Confidence: 0.781796

00:07:37.390 --> 00:07:39.868 mutations that lead to you know
NOTE Confidence: 0.781796

00:07:39.868 --> 00:07:41.107 pathology within cardiovascular
NOTE Confidence: 0.781796

00:07:41.107 --> 00:07:43.160 disease that as we if we can identify
NOTE Confidence: 0.781796

00:07:43.160 --> 00:07:45.377 and I put patients in the right
NOTE Confidence: 0.781796

00:07:45.377 --> 00:07:47.217 bucket for that overall assessment,

NOTE Confidence: 0.781796
00:07:47.220 --> 00:07:48.908 we can actually bring forward
NOTE Confidence: 0.781796
00:07:48.910 --> 00:07:50.950 therapies that actually are truly life,
NOTE Confidence: 0.781796
00:07:50.950 --> 00:07:51.968 saving those patients.
NOTE Confidence: 0.781796
00:07:51.968 --> 00:07:54.000 Those are patients with hypertrophic disease,
NOTE Confidence: 0.781796
00:07:54.000 --> 00:07:54.340 cardiomyopathy,
NOTE Confidence: 0.781796
00:07:54.340 --> 00:07:56.031 disease and also arhythmic disease.
NOTE Confidence: 0.781796
00:07:56.031 --> 00:07:57.148 Then when identified,
NOTE Confidence: 0.781796
00:07:57.148 --> 00:07:59.093 we actually have plans and
NOTE Confidence: 0.781796
00:07:59.093 --> 00:08:01.024 processes that we have in
NOTE Confidence: 0.781796
00:08:01.024 --> 00:08:02.754 place to treat those patients.
NOTE Confidence: 0.781796
00:08:02.760 --> 00:08:03.210 We've
NOTE Confidence: 0.8150007
00:08:03.210 --> 00:08:05.702 uncovered other parts of the of our
NOTE Confidence: 0.8150007
00:08:05.702 --> 00:08:08.228 health system that are actually actively
NOTE Confidence: 0.8150007
00:08:08.228 --> 00:08:10.538 doing clinical research and actually
NOTE Confidence: 0.8150007
00:08:10.538 --> 00:08:12.624 think about clinical opportunities
NOTE Confidence: 0.8150007

00:08:12.624 --> 00:08:15.359 for care using genetic information,
NOTE Confidence: 0.8150007

00:08:15.360 --> 00:08:18.490 especially in our GI disease
NOTE Confidence: 0.8150007

00:08:18.490 --> 00:08:20.368 portfolio of undifferentiated.
NOTE Confidence: 0.8150007

00:08:20.370 --> 00:08:22.392 Non identified a liver disease and
NOTE Confidence: 0.8150007

00:08:22.392 --> 00:08:23.740 also chronic pancreatic cracker.
NOTE Confidence: 0.8150007

00:08:23.740 --> 00:08:26.396 A tick disease that we have worked towards
NOTE Confidence: 0.8150007

00:08:26.396 --> 00:08:28.259 helping to develop a better pathway
NOTE Confidence: 0.8150007

00:08:28.259 --> 00:08:31.150 for us to be able to evaluate patients.
NOTE Confidence: 0.8150007

00:08:31.150 --> 00:08:33.686 Keep the data within our own database and
NOTE Confidence: 0.8150007

00:08:33.686 --> 00:08:36.206 move forward to expand our overall horizons.
NOTE Confidence: 0.8150007

00:08:36.210 --> 00:08:38.196 About our overall using genomic health
NOTE Confidence: 0.8150007

00:08:38.196 --> 00:08:40.589 data and allow them to actually be
NOTE Confidence: 0.8150007

00:08:40.589 --> 00:08:42.605 able to treat their paces effectively.
NOTE Confidence: 0.8150007

00:08:42.610 --> 00:08:44.710 And also think about new and even
NOTE Confidence: 0.8150007

00:08:44.710 --> 00:08:46.082 more exciting research opportunities
NOTE Confidence: 0.8150007

00:08:46.082 --> 00:08:47.327 across the board.

NOTE Confidence: 0.8150007

00:08:47.330 --> 00:08:49.020 And as you can see,

NOTE Confidence: 0.8150007

00:08:49.020 --> 00:08:51.045 this particular will actually started

NOTE Confidence: 0.8150007

00:08:51.045 --> 00:08:53.800 with about four or five different.

NOTE Confidence: 0.8150007

00:08:53.800 --> 00:08:55.666 Programs we have added as we've

NOTE Confidence: 0.8150007

00:08:55.666 --> 00:08:58.031 got started and had more and more

NOTE Confidence: 0.8150007

00:08:58.031 --> 00:08:59.786 additional and talks with others

NOTE Confidence: 0.8150007

00:08:59.790 --> 00:09:01.130 across our health system.

NOTE Confidence: 0.8150007

00:09:01.130 --> 00:09:03.790 You can see the arrows have actually

NOTE Confidence: 0.8150007

00:09:03.790 --> 00:09:05.308 multiplied significantly and we

NOTE Confidence: 0.8150007

00:09:05.308 --> 00:09:07.168 have an expectation as the arrows

NOTE Confidence: 0.8150007

00:09:07.168 --> 00:09:08.690 will continue to increase.

NOTE Confidence: 0.8150007

00:09:08.690 --> 00:09:10.868 Now we've we've had to have a bit of

NOTE Confidence: 0.8150007

00:09:10.868 --> 00:09:13.324 a pause because of covid in terms

NOTE Confidence: 0.8150007

00:09:13.324 --> 00:09:15.665 of the overall expansion of our

NOTE Confidence: 0.8150007

00:09:15.665 --> 00:09:17.770 generations project and the clinical

NOTE Confidence: 0.8150007

00:09:17.770 --> 00:09:19.390 application of genomic health.
NOTE Confidence: 0.8150007

00:09:19.390 --> 00:09:21.490 We are working towards re constituting
NOTE Confidence: 0.8150007

00:09:21.490 --> 00:09:23.360 our executive board and also
NOTE Confidence: 0.8150007

00:09:23.360 --> 00:09:24.506 reinvigorated reinvigorating our
NOTE Confidence: 0.8150007

00:09:24.506 --> 00:09:26.416 overall opportunity as we look
NOTE Confidence: 0.8150007

00:09:26.471 --> 00:09:28.217 towards not only what is happening
NOTE Confidence: 0.8150007

00:09:28.217 --> 00:09:30.290 here on our campuses in New Haven,
NOTE Confidence: 0.8150007

00:09:30.290 --> 00:09:32.390 but the impact that it actually should
NOTE Confidence: 0.8150007

00:09:32.455 --> 00:09:34.363 have truly across our whole health
NOTE Confidence: 0.8150007

00:09:34.363 --> 00:09:36.501 system as we develop the collaborations
NOTE Confidence: 0.8150007

00:09:36.501 --> 00:09:38.925 with the school and the opportunities
NOTE Confidence: 0.8150007

00:09:38.925 --> 00:09:40.464 for identific identifying disease
NOTE Confidence: 0.8150007

00:09:40.464 --> 00:09:42.274 states that have genetic basis.
NOTE Confidence: 0.8150007

00:09:42.280 --> 00:09:44.401 And thinking towards plans and our pathways
NOTE Confidence: 0.8150007

00:09:44.401 --> 00:09:47.107 for care for care for those who are affected.
NOTE Confidence: 0.8150007

00:09:47.110 --> 00:09:49.945 But also how do we follow those families that

NOTE Confidence: 0.8150007

00:09:49.945 --> 00:09:52.248 actually may be affected in the long term?

NOTE Confidence: 0.8150007

00:09:52.250 --> 00:09:54.320 So I'll stop there and allow us

NOTE Confidence: 0.8150007

00:09:54.320 --> 00:09:56.140 to really go forward and have you

NOTE Confidence: 0.8150007

00:09:56.140 --> 00:09:58.117 and then wait to have some time

NOTE Confidence: 0.8150007

00:09:58.117 --> 00:09:59.985 to really think about the exciting

NOTE Confidence: 0.8150007

00:09:59.985 --> 00:10:01.653 opportunities that the computational

NOTE Confidence: 0.8150007

00:10:01.653 --> 00:10:03.738 platform is brought to us.