

WEBVTT

NOTE duration:"01:04:47.8930000"

NOTE language:en-us

NOTE Confidence: 0.84490824

00:00:09.280 --> 00:00:11.428 OK, why don't we get started?

NOTE Confidence: 0.84490824

00:00:11.430 --> 00:00:12.870 Welcome everyone to Cancer

NOTE Confidence: 0.84490824

00:00:12.870 --> 00:00:13.950 Center grand rounds.

NOTE Confidence: 0.84490824

00:00:13.950 --> 00:00:16.092 I'm Roy Herbst and I'm broadcasting

NOTE Confidence: 0.84490824

00:00:16.092 --> 00:00:18.285 here with Paula Pike from the

NOTE Confidence: 0.84490824

00:00:18.285 --> 00:00:20.406 North Haven Care Center, which is

NOTE Confidence: 0.84490824

00:00:20.406 --> 00:00:22.912 actually the home of the main campus.

NOTE Confidence: 0.84490824

00:00:22.920 --> 00:00:25.174 Thoracic oncology right now and today is

NOTE Confidence: 0.84490824

00:00:25.174 --> 00:00:27.947 going to be a very special presentation.

NOTE Confidence: 0.84490824

00:00:27.950 --> 00:00:30.085 'cause I think there will

NOTE Confidence: 0.84490824

00:00:30.085 --> 00:00:31.793 be something for everyone.

NOTE Confidence: 0.84490824

00:00:31.800 --> 00:00:33.438 All the way from the clinic

NOTE Confidence: 0.84490824

00:00:33.438 --> 00:00:34.920 to the lab and back,

NOTE Confidence: 0.84490824

00:00:34.920 --> 00:00:36.690 and we're going to actually have

NOTE Confidence: 0.84490824

00:00:36.690 --> 00:00:38.185 a relatively large panel where

NOTE Confidence: 0.84490824

00:00:38.185 --> 00:00:39.739 we're going to hear from some

NOTE Confidence: 0.84490824

00:00:39.739 --> 00:00:41.430 of the members of the thoracic

NOTE Confidence: 0.84490824

00:00:41.430 --> 00:00:43.152 center and and get their thoughts.

NOTE Confidence: 0.84490824

00:00:43.160 --> 00:00:44.735 And there's also some exciting

NOTE Confidence: 0.84490824

00:00:44.735 --> 00:00:46.310 breaking news on lung cancer

NOTE Confidence: 0.84490824

00:00:46.365 --> 00:00:47.697 for anyone who has a nap,

NOTE Confidence: 0.84490824

00:00:47.700 --> 00:00:49.856 they've probably seen the articles in the

NOTE Confidence: 0.84490824

00:00:49.856 --> 00:00:52.246 Times and other CNN just in the last hour,

NOTE Confidence: 0.84490824

00:00:52.250 --> 00:00:53.948 so we we knew about that.

NOTE Confidence: 0.84490824

00:00:53.950 --> 00:00:56.708 So we're going to talk about that.

NOTE Confidence: 0.84490824

00:00:56.710 --> 00:00:57.403 So welcome everyone,

NOTE Confidence: 0.84490824

00:00:57.403 --> 00:00:59.399 I'm going to introduce the panel at the end,

NOTE Confidence: 0.84490824

00:00:59.400 --> 00:01:00.933 but I'm going to show a few

NOTE Confidence: 0.84490824

00:01:00.933 --> 00:01:02.527 slides just to get us warmed up.

NOTE Confidence: 0.39973152

00:01:08.070 --> 00:01:08.670 PowerPoint.
NOTE Confidence: 0.8464805

00:01:16.510 --> 00:01:18.617 So I'm really excited to be here
NOTE Confidence: 0.8464805

00:01:18.617 --> 00:01:20.759 and I'm I'm really just here.
NOTE Confidence: 0.8464805

00:01:20.760 --> 00:01:23.160 I'm I'm in the conductor of an amazing
NOTE Confidence: 0.8464805

00:01:23.160 --> 00:01:24.879 orchestra of wonderful people that
NOTE Confidence: 0.8464805

00:01:24.879 --> 00:01:26.997 really make up the program that
NOTE Confidence: 0.8464805

00:01:26.997 --> 00:01:28.940 you're going to hear about today.
NOTE Confidence: 0.8464805

00:01:28.940 --> 00:01:31.010 That's been in existence for some
NOTE Confidence: 0.8464805

00:01:31.010 --> 00:01:32.987 time where we're just going to
NOTE Confidence: 0.8464805

00:01:32.987 --> 00:01:35.099 try to expand it out to even more
NOTE Confidence: 0.8464805

00:01:35.162 --> 00:01:37.107 places with the same expertise,
NOTE Confidence: 0.8464805

00:01:37.110 --> 00:01:39.399 caring quality that we've come to expect.
NOTE Confidence: 0.8464805

00:01:39.400 --> 00:01:42.016 So I'm going to talk about the lung,
NOTE Confidence: 0.8464805

00:01:42.020 --> 00:01:43.976 cancer, clinical care and research program,
NOTE Confidence: 0.8464805

00:01:43.980 --> 00:01:46.260 and I'm going to introduce the
NOTE Confidence: 0.8464805

00:01:46.260 --> 00:01:47.400 Thoracic Disease Center.

NOTE Confidence: 0.8464805

00:01:47.400 --> 00:01:50.110 Something many of you have

NOTE Confidence: 0.8464805

00:01:50.110 --> 00:01:52.820 heard about in recent days.

NOTE Confidence: 0.8464805

00:01:52.820 --> 00:01:54.220 These are my disclosures.

NOTE Confidence: 0.8210343

00:01:57.330 --> 00:02:00.322 So we're talking about lung cancer and lung

NOTE Confidence: 0.8210343

00:02:00.322 --> 00:02:03.080 cancer has an amazing burden worldwide,

NOTE Confidence: 0.8210343

00:02:03.080 --> 00:02:05.140 with over 2,000,000 cases worldwide,

NOTE Confidence: 0.8210343

00:02:05.140 --> 00:02:06.780 an 1.76 million deaths.

NOTE Confidence: 0.8210343

00:02:06.780 --> 00:02:10.067 Still, the number one cause of cancer death,

NOTE Confidence: 0.8210343

00:02:10.070 --> 00:02:12.536 perhaps more breast cancer or prostate

NOTE Confidence: 0.8210343

00:02:12.536 --> 00:02:14.734 cancer, are diagnosed skin cancer.

NOTE Confidence: 0.8210343

00:02:14.734 --> 00:02:16.518 For screening for lung

NOTE Confidence: 0.8210343

00:02:16.518 --> 00:02:18.697 cancer is still in the US.

NOTE Confidence: 0.8210343

00:02:18.700 --> 00:02:20.902 You can see 135 thousand plus

NOTE Confidence: 0.8210343

00:02:20.902 --> 00:02:22.906 deaths despite all the improvements

NOTE Confidence: 0.8210343

00:02:22.906 --> 00:02:25.690 you're going to hear about today,

NOTE Confidence: 0.8210343

00:02:25.690 --> 00:02:27.478 most of lung cancer,
NOTE Confidence: 0.8210343

00:02:27.478 --> 00:02:30.160 84 percent is non small cell.
NOTE Confidence: 0.8210343

00:02:30.160 --> 00:02:31.476 50% of small cell.
NOTE Confidence: 0.8210343

00:02:31.476 --> 00:02:34.004 The majority of the non small cell
NOTE Confidence: 0.8210343

00:02:34.004 --> 00:02:36.404 is adenocarcinoma and more than
NOTE Confidence: 0.8210343

00:02:36.404 --> 00:02:38.324 half presents already metastatic.
NOTE Confidence: 0.8210343

00:02:38.330 --> 00:02:40.922 And that makes it even more
NOTE Confidence: 0.8210343

00:02:40.922 --> 00:02:42.218 difficult to treat.
NOTE Confidence: 0.8210343

00:02:42.220 --> 00:02:43.408 And of course, tobacco,
NOTE Confidence: 0.8210343

00:02:43.408 --> 00:02:44.893 and we're going to talk
NOTE Confidence: 0.8210343

00:02:44.893 --> 00:02:46.490 about screening in a moment,
NOTE Confidence: 0.8210343

00:02:46.490 --> 00:02:48.020 the single largest preventable cause,
NOTE Confidence: 0.8210343

00:02:48.020 --> 00:02:50.460 leading to 30% of all cancer deaths there.
NOTE Confidence: 0.8210343

00:02:50.460 --> 00:02:51.985 About 20 cancers that you
NOTE Confidence: 0.8210343

00:02:51.985 --> 00:02:53.510 can track back to tobacco,
NOTE Confidence: 0.8210343

00:02:53.510 --> 00:02:55.638 but in those who are non smokers,

NOTE Confidence: 0.8210343

00:02:55.640 --> 00:02:57.024 especially in lung cancer,

NOTE Confidence: 0.8210343

00:02:57.024 --> 00:02:59.100 you can see the potentially actionable

NOTE Confidence: 0.8210343

00:02:59.163 --> 00:03:00.855 mutations for which we now have

NOTE Confidence: 0.8210343

00:03:00.855 --> 00:03:02.843 drugs either in trial or for the

NOTE Confidence: 0.8210343

00:03:02.843 --> 00:03:04.173 most part as approved agents.

NOTE Confidence: 0.8210343

00:03:04.180 --> 00:03:06.315 What a change from 1520 years ago,

NOTE Confidence: 0.8210343

00:03:06.320 --> 00:03:08.712 and there are even data now for K

NOTE Confidence: 0.8210343

00:03:08.712 --> 00:03:10.273 wrasse targeted drugs will talk

NOTE Confidence: 0.8210343

00:03:10.273 --> 00:03:12.366 a little bit about that for those

NOTE Confidence: 0.8210343

00:03:12.432 --> 00:03:13.410 who have smoked.

NOTE Confidence: 0.8210343

00:03:13.410 --> 00:03:15.200 The adenocarcinoma is about 12%

NOTE Confidence: 0.8210343

00:03:15.200 --> 00:03:16.628 now have a target.

NOTE Confidence: 0.8338785

00:03:18.830 --> 00:03:21.338 Weather or twality for this disease

NOTE Confidence: 0.8338785

00:03:21.338 --> 00:03:23.649 is really improving and you can.

NOTE Confidence: 0.8338785

00:03:23.650 --> 00:03:25.924 You can see that here both

NOTE Confidence: 0.8338785

00:03:25.924 --> 00:03:28.080 for men and for women.
NOTE Confidence: 0.8338785

00:03:28.080 --> 00:03:31.352 This is the data from the American Cancer
NOTE Confidence: 0.8338785

00:03:31.352 --> 00:03:34.110 Society and the rate of lung cancer.
NOTE Confidence: 0.8338785

00:03:34.110 --> 00:03:36.516 The incidence is decreasing by 2.6%
NOTE Confidence: 0.8338785

00:03:36.520 --> 00:03:39.327 a year and the mortality by 4.3%
NOTE Confidence: 0.8338785

00:03:39.330 --> 00:03:42.144 in in men and women. One point,
NOTE Confidence: 0.8338785

00:03:42.144 --> 00:03:44.928 2% incidents and three point 1% mortality.
NOTE Confidence: 0.8338785

00:03:44.928 --> 00:03:47.504 This is the result I would contest
NOTE Confidence: 0.8338785

00:03:47.504 --> 00:03:49.050 of better prevention.
NOTE Confidence: 0.8338785

00:03:49.050 --> 00:03:50.630 Primary prevention not smoking.
NOTE Confidence: 0.8338785

00:03:50.630 --> 00:03:51.420 Secondary prevention.
NOTE Confidence: 0.8338785

00:03:51.420 --> 00:03:54.580 You know the cat scanning will talk about
NOTE Confidence: 0.8338785

00:03:54.580 --> 00:03:57.350 that, but also some of the therapies.
NOTE Confidence: 0.8338785

00:03:57.350 --> 00:04:01.095 Some of them that had their origins
NOTE Confidence: 0.8338785

00:04:01.095 --> 00:04:04.828 here with science and studies at Yale.
NOTE Confidence: 0.8338785

00:04:04.830 --> 00:04:06.545 Well, here's the history of

NOTE Confidence: 0.8338785

00:04:06.545 --> 00:04:07.917 the Thoracic Oncology program,

NOTE Confidence: 0.8338785

00:04:07.920 --> 00:04:10.188 and I'm a relative newcomer to some

NOTE Confidence: 0.8338785

00:04:10.188 --> 00:04:12.380 of the group that's been here.

NOTE Confidence: 0.8338785

00:04:12.380 --> 00:04:14.795 Look in the bottom left and Lynn

NOTE Confidence: 0.8338785

00:04:14.795 --> 00:04:17.177 Tanui really had the idea for this.

NOTE Confidence: 0.8338785

00:04:17.180 --> 00:04:18.830 Working with Lynn Wilson and

NOTE Confidence: 0.8338785

00:04:18.830 --> 00:04:20.950 my friend and many of yours.

NOTE Confidence: 0.8338785

00:04:20.950 --> 00:04:22.322 The late John Urine,

NOTE Confidence: 0.8338785

00:04:22.322 --> 00:04:24.380 and this is actually ground ham,

NOTE Confidence: 0.8338785

00:04:24.380 --> 00:04:26.774 and so he was a great surgeon,

NOTE Confidence: 0.8338785

00:04:26.780 --> 00:04:29.524 but he was not a thoracic. Only surgery.

NOTE Confidence: 0.8338785

00:04:29.524 --> 00:04:31.576 Did cardio cardiac disease as well.

NOTE Confidence: 0.8338785

00:04:31.580 --> 00:04:33.964 So Lynn got some money and had the

NOTE Confidence: 0.8338785

00:04:33.964 --> 00:04:36.620 idea to recruit US thoracic surgery.

NOTE Confidence: 0.8338785

00:04:36.620 --> 00:04:38.155 Specialist and build a section

NOTE Confidence: 0.8338785

00:04:38.155 --> 00:04:39.076 of thoracic surgery.
NOTE Confidence: 0.8338785

00:04:39.080 --> 00:04:41.816 And of course you recruited Frank.
NOTE Confidence: 0.8338785

00:04:41.820 --> 00:04:42.783 And that happened.
NOTE Confidence: 0.8338785

00:04:42.783 --> 00:04:43.746 Then you can.
NOTE Confidence: 0.8338785

00:04:43.750 --> 00:04:46.004 You can see that the group here.
NOTE Confidence: 0.8338785

00:04:46.010 --> 00:04:48.299 Then you can see the tip program
NOTE Confidence: 0.8338785

00:04:48.299 --> 00:04:50.507 that we've come to know and love.
NOTE Confidence: 0.8338785

00:04:50.510 --> 00:04:51.370 And John to Chomsky.
NOTE Confidence: 0.8338785

00:04:51.370 --> 00:04:53.291 And a team that can do interventional
NOTE Confidence: 0.8338785

00:04:53.291 --> 00:04:55.019 techniques along biorepository.
NOTE Confidence: 0.8338785

00:04:55.020 --> 00:04:56.952 Actually Lens set that up with
NOTE Confidence: 0.8338785

00:04:56.952 --> 00:04:57.918 Frank Susan main.
NOTE Confidence: 0.8338785

00:04:57.920 --> 00:04:59.630 Now one of the ranking members
NOTE Confidence: 0.8338785

00:04:59.630 --> 00:05:01.933 of the FDA with Susan was here
NOTE Confidence: 0.8338785

00:05:01.933 --> 00:05:03.389 working with Bonnie Gould,
NOTE Confidence: 0.8338785

00:05:03.390 --> 00:05:04.377 Rothberg, David rhyming,

NOTE Confidence: 0.8338785

00:05:04.377 --> 00:05:06.680 Kurt Shopper if any of the scientists

NOTE Confidence: 0.8338785

00:05:06.734 --> 00:05:09.423 in the audience need tissue, we have it.

NOTE Confidence: 0.8338785

00:05:09.423 --> 00:05:11.428 Then I came around 2011,

NOTE Confidence: 0.8338785

00:05:11.430 --> 00:05:12.670 about 10 years ago.

NOTE Confidence: 0.8338785

00:05:12.670 --> 00:05:14.540 Actually, exactly 10 years ago today,

NOTE Confidence: 0.8338785

00:05:14.540 --> 00:05:15.395 and you know,

NOTE Confidence: 0.8338785

00:05:15.395 --> 00:05:17.960 we work very hard to even build further,

NOTE Confidence: 0.8338785

00:05:17.960 --> 00:05:20.759 and we develop the yell spore in lung cancer.

NOTE Confidence: 0.8338785

00:05:20.760 --> 00:05:22.315 P50 the lung nodule screening

NOTE Confidence: 0.8338785

00:05:22.315 --> 00:05:24.257 program is a robust and going

NOTE Confidence: 0.8338785

00:05:24.257 --> 00:05:26.225 strong and here's a recent retreat

NOTE Confidence: 0.8338785

00:05:26.225 --> 00:05:28.397 about two years ago that Dan Buffa

NOTE Confidence: 0.8338785

00:05:28.397 --> 00:05:30.083 organized and you can see the

NOTE Confidence: 0.8338785

00:05:30.090 --> 00:05:31.950 numbers of people that are involved.

NOTE Confidence: 0.8338785

00:05:31.950 --> 00:05:35.556 This is truly a team effort.

NOTE Confidence: 0.8338785

00:05:35.560 --> 00:05:37.765 And here you can see a bit of the
NOTE Confidence: 0.8338785

00:05:37.765 --> 00:05:39.414 evolution and you know people
NOTE Confidence: 0.8338785

00:05:39.414 --> 00:05:40.754 have aged quite gracefully.
NOTE Confidence: 0.8338785

00:05:40.760 --> 00:05:41.912 I think you know.
NOTE Confidence: 0.8338785

00:05:41.912 --> 00:05:43.064 So here is 2004.
NOTE Confidence: 0.8338785

00:05:43.070 --> 00:05:45.270 Now at the very origin Scott I just
NOTE Confidence: 0.8338785

00:05:45.270 --> 00:05:47.407 come know he's done an amazing job.
NOTE Confidence: 0.8338785

00:05:47.410 --> 00:05:49.138 He came to work with John.
NOTE Confidence: 0.8338785

00:05:49.140 --> 00:05:51.156 John passed away in his first month
NOTE Confidence: 0.8338785

00:05:51.156 --> 00:05:52.912 with Scott, took on the Helmand,
NOTE Confidence: 0.8338785

00:05:52.912 --> 00:05:55.500 and he's going to join me in a second.
NOTE Confidence: 0.8338785

00:05:55.500 --> 00:05:57.548 He's dancing a patient and I'll tell you
NOTE Confidence: 0.8338785

00:05:57.548 --> 00:05:59.547 about his early work in immunotherapy.
NOTE Confidence: 0.8338785

00:05:59.550 --> 00:06:00.414 Then, of course,
NOTE Confidence: 0.8338785

00:06:00.414 --> 00:06:01.854 here's the group in 2008,
NOTE Confidence: 0.8338785

00:06:01.860 --> 00:06:02.724 already quite robust.

NOTE Confidence: 0.8338785

00:06:02.724 --> 00:06:04.460 You know, building this doctor Decker.

NOTE Confidence: 0.8338785

00:06:04.460 --> 00:06:06.606 Then in 2012, this is the referral.

NOTE Confidence: 0.8338785

00:06:06.606 --> 00:06:08.520 First retreat that I helped organize.

NOTE Confidence: 0.8338785

00:06:08.520 --> 00:06:10.260 With with with with Lynn

NOTE Confidence: 0.8338785

00:06:10.260 --> 00:06:12.000 and Frank and this was

NOTE Confidence: 0.84947467

00:06:12.080 --> 00:06:14.744 over there at the up on Prospect St.

NOTE Confidence: 0.84947467

00:06:14.750 --> 00:06:18.698 And then here's our more recent group.

NOTE Confidence: 0.84947467

00:06:18.700 --> 00:06:21.436 Well, what I really want to talk to you

NOTE Confidence: 0.84947467

00:06:21.436 --> 00:06:24.088 about is multi modality care and how

NOTE Confidence: 0.84947467

00:06:24.088 --> 00:06:26.442 multi modality care makes a difference

NOTE Confidence: 0.84947467

00:06:26.442 --> 00:06:29.137 and that's why we're even working harder

NOTE Confidence: 0.84947467

00:06:29.137 --> 00:06:31.340 now to promote the thoracic center.

NOTE Confidence: 0.84947467

00:06:31.340 --> 00:06:34.440 So what you can see is you know there are

NOTE Confidence: 0.84947467

00:06:34.519 --> 00:06:37.466 so many aspects of multi modality care,

NOTE Confidence: 0.84947467

00:06:37.470 --> 00:06:38.598 including screening.

NOTE Confidence: 0.84947467

00:06:38.598 --> 00:06:40.290 Pulmonologists radiologists, surgeons,
NOTE Confidence: 0.84947467

00:06:40.290 --> 00:06:41.974 medical oncologists social workers.
NOTE Confidence: 0.84947467

00:06:41.974 --> 00:06:44.508 Of course, the clinic administration the
NOTE Confidence: 0.84947467

00:06:44.508 --> 00:06:46.618 wonderful nursing and support staff.
NOTE Confidence: 0.84947467

00:06:46.620 --> 00:06:49.441 It really is a village and we
NOTE Confidence: 0.84947467

00:06:49.441 --> 00:06:51.260 had it all here.
NOTE Confidence: 0.84947467

00:06:51.260 --> 00:06:52.940 I can tell you,
NOTE Confidence: 0.84947467

00:06:52.940 --> 00:06:55.040 having worked at many great
NOTE Confidence: 0.84947467

00:06:55.040 --> 00:06:56.740 hospitals over the years,
NOTE Confidence: 0.84947467

00:06:56.740 --> 00:07:00.116 it's all here expert care at all sites.
NOTE Confidence: 0.84947467

00:07:00.120 --> 00:07:02.622 Common practice patterns will do even
NOTE Confidence: 0.84947467

00:07:02.622 --> 00:07:04.783 more of that protocols available
NOTE Confidence: 0.84947467

00:07:04.783 --> 00:07:07.285 in all disciplines at all sites,
NOTE Confidence: 0.84947467

00:07:07.290 --> 00:07:09.530 and quality and compassionate care.
NOTE Confidence: 0.84947467

00:07:09.530 --> 00:07:12.100 And we're just going to do more of that with
NOTE Confidence: 0.84947467

00:07:12.168 --> 00:07:14.625 this new iteration of the thoracic center.

NOTE Confidence: 0.84947467

00:07:14.630 --> 00:07:15.995 Now thoracic research and I've

NOTE Confidence: 0.84947467

00:07:15.995 --> 00:07:17.670 given grand rounds that my my

NOTE Confidence: 0.84947467

00:07:17.670 --> 00:07:18.950 team have given grand rounds.

NOTE Confidence: 0.84947467

00:07:18.950 --> 00:07:20.300 I just want to introduce

NOTE Confidence: 0.84947467

00:07:20.300 --> 00:07:21.650 that research can be basic.

NOTE Confidence: 0.84947467

00:07:21.650 --> 00:07:23.810 In the lab we have tons of that.

NOTE Confidence: 0.84947467

00:07:23.810 --> 00:07:25.735 Yeah, it's the best in the world

NOTE Confidence: 0.84947467

00:07:25.735 --> 00:07:27.590 translation or the lab to the clinic.

NOTE Confidence: 0.84947467

00:07:27.590 --> 00:07:29.210 I think that's the special sauce.

NOTE Confidence: 0.84947467

00:07:29.210 --> 00:07:31.370 Being able to take that back and forth.

NOTE Confidence: 0.84947467

00:07:31.370 --> 00:07:33.386 Of course to the clinic and clinical studies

NOTE Confidence: 0.84947467

00:07:33.386 --> 00:07:35.689 and not to forget outcomes in the community.

NOTE Confidence: 0.84947467

00:07:35.690 --> 00:07:37.040 You know we have proteomics.

NOTE Confidence: 0.84947467

00:07:37.040 --> 00:07:38.390 We have genomics right now.

NOTE Confidence: 0.84947467

00:07:38.390 --> 00:07:39.740 The key is community omics.

NOTE Confidence: 0.84947467

00:07:39.740 --> 00:07:41.630 We gotta get out to the community.
NOTE Confidence: 0.84947467

00:07:41.630 --> 00:07:42.980 We live in New Haven.
NOTE Confidence: 0.84947467

00:07:42.980 --> 00:07:45.196 We've gotta get out to the New Haven.
NOTE Confidence: 0.84947467

00:07:45.200 --> 00:07:47.750 Car door you've gotta get outta
NOTE Confidence: 0.84947467

00:07:47.750 --> 00:07:49.450 to Trumbull to Bridgeport.
NOTE Confidence: 0.84947467

00:07:49.450 --> 00:07:54.034 Up North we have to do all that.
NOTE Confidence: 0.84947467

00:07:54.040 --> 00:07:55.558 So what is the major accomplishments?
NOTE Confidence: 0.84947467

00:07:55.560 --> 00:07:57.648 Again, just a few.
NOTE Confidence: 0.84947467

00:07:57.650 --> 00:07:59.054 Immunotherapy Scotts get out.
NOTE Confidence: 0.84947467

00:07:59.054 --> 00:08:01.829 Hopefully arrive soon and tell us about this.
NOTE Confidence: 0.84947467

00:08:01.830 --> 00:08:02.574 You know,
NOTE Confidence: 0.84947467

00:08:02.574 --> 00:08:06.070 before I even knew Scott or a new bout.
NOTE Confidence: 0.84947467

00:08:06.070 --> 00:08:06.902 Yeah I.
NOTE Confidence: 0.84947467

00:08:06.902 --> 00:08:08.566 I heard about immunotherapy
NOTE Confidence: 0.84947467

00:08:08.566 --> 00:08:11.039 happening here with Marios Nolan and
NOTE Confidence: 0.84947467

00:08:11.039 --> 00:08:12.884 Harriet Kluger Scott taking over

NOTE Confidence: 0.84947467
00:08:12.884 --> 00:08:15.126 the first or second patient ever
NOTE Confidence: 0.84947467
00:08:15.126 --> 00:08:17.611 treated with lung cancer on a PD,
NOTE Confidence: 0.84947467
00:08:17.620 --> 00:08:20.308 L1 and PD1 inhibitor here at yeah.
NOTE Confidence: 0.84947467
00:08:20.310 --> 00:08:22.235 This woman three times refractory
NOTE Confidence: 0.84947467
00:08:22.235 --> 00:08:23.390 to lung cancer,
NOTE Confidence: 0.84947467
00:08:23.390 --> 00:08:25.282 squamous cell disease prognosis
NOTE Confidence: 0.84947467
00:08:25.282 --> 00:08:28.120 here would have been months just
NOTE Confidence: 0.84947467
00:08:28.196 --> 00:08:30.338 saw her couple of months ago.
NOTE Confidence: 0.84947467
00:08:30.340 --> 00:08:33.208 10 plus years amazing.
NOTE Confidence: 0.84947467
00:08:33.210 --> 00:08:34.490 This is the curve.
NOTE Confidence: 0.84947467
00:08:34.490 --> 00:08:36.410 This is from Scott's first study,
NOTE Confidence: 0.84947467
00:08:36.410 --> 00:08:37.108 published this.
NOTE Confidence: 0.84947467
00:08:37.108 --> 00:08:39.551 It's one of the more cited papers
NOTE Confidence: 0.84947467
00:08:39.551 --> 00:08:41.848 last year or two years ago in JCO.
NOTE Confidence: 0.84947467
00:08:41.850 --> 00:08:44.090 Look at the tail of this curve.
NOTE Confidence: 0.84947467

00:08:44.090 --> 00:08:46.650 Now we of course want to do better,
NOTE Confidence: 0.84947467

00:08:46.650 --> 00:08:48.250 and for anyone watching this
NOTE Confidence: 0.84947467

00:08:48.250 --> 00:08:49.210 and you're thinking.
NOTE Confidence: 0.84947467

00:08:49.210 --> 00:08:51.450 Of course we have to do better,
NOTE Confidence: 0.84947467

00:08:51.450 --> 00:08:53.690 but five year overall actual survival comma.
NOTE Confidence: 0.84947467

00:08:53.690 --> 00:08:55.062 Sure this is 16%.
NOTE Confidence: 0.84947467

00:08:55.062 --> 00:08:57.872 This is the tale of the curve
NOTE Confidence: 0.84947467

00:08:57.872 --> 00:08:59.879 simply transformation ull.
NOTE Confidence: 0.84947467

00:08:59.880 --> 00:09:00.852 We have innovation.
NOTE Confidence: 0.84947467

00:09:00.852 --> 00:09:02.796 This is an investigator initiated trial.
NOTE Confidence: 0.84947467

00:09:02.800 --> 00:09:04.004 Very proud of this,
NOTE Confidence: 0.84947467

00:09:04.004 --> 00:09:05.509 this was a collaboration between
NOTE Confidence: 0.84947467

00:09:05.509 --> 00:09:06.680 the Melanoma group.
NOTE Confidence: 0.84947467

00:09:06.680 --> 00:09:09.614 They have a Sport 2 led by Harriet Cougar
NOTE Confidence: 0.84947467

00:09:09.614 --> 00:09:12.190 Marcus and part of that's more as well,
NOTE Confidence: 0.81880224

00:09:12.190 --> 00:09:14.140 but this was a while back.

NOTE Confidence: 0.81880224

00:09:14.140 --> 00:09:15.760 Sarah Goldberg and Veronica Chang,

NOTE Confidence: 0.81880224

00:09:15.760 --> 00:09:17.380 of course, who's a neurosurgeon

NOTE Confidence: 0.81880224

00:09:17.380 --> 00:09:19.000 who does the Gamma knife?

NOTE Confidence: 0.81880224

00:09:19.000 --> 00:09:20.830 Here's a patient with Brain Mets

NOTE Confidence: 0.81880224

00:09:20.830 --> 00:09:23.130 with with lung cancer who was going

NOTE Confidence: 0.81880224

00:09:23.130 --> 00:09:24.825 to be candidate for immunotherapy.

NOTE Confidence: 0.81880224

00:09:24.830 --> 00:09:26.522 We could have radiated the brain

NOTE Confidence: 0.81880224

00:09:26.522 --> 00:09:28.489 here and two weeks of radiation

NOTE Confidence: 0.81880224

00:09:28.489 --> 00:09:30.057 would have probably resulted

NOTE Confidence: 0.81880224

00:09:30.057 --> 00:09:31.625 in some cognitive impairment.

NOTE Confidence: 0.81880224

00:09:31.630 --> 00:09:33.090 But instead this patient was

NOTE Confidence: 0.81880224

00:09:33.090 --> 00:09:33.966 treated with immunotherapy,

NOTE Confidence: 0.81880224

00:09:33.970 --> 00:09:35.716 and in this very first study,

NOTE Confidence: 0.81880224

00:09:35.720 --> 00:09:37.180 it was shown that patients

NOTE Confidence: 0.81880224

00:09:37.180 --> 00:09:38.640 actually respond in the brain,

NOTE Confidence: 0.81880224

00:09:38.640 --> 00:09:40.020 and this actually was before
NOTE Confidence: 0.81880224

00:09:40.020 --> 00:09:41.735 any of the clinical trials were
NOTE Confidence: 0.81880224

00:09:41.735 --> 00:09:43.140 allowing this and anyone was
NOTE Confidence: 0.81880224

00:09:43.140 --> 00:09:44.770 doing this in clinical practice,
NOTE Confidence: 0.81880224

00:09:44.770 --> 00:09:46.516 innovative and Carla studies from this,
NOTE Confidence: 0.81880224

00:09:46.520 --> 00:09:49.222 maybe Kurt will tell us a bit
NOTE Confidence: 0.81880224

00:09:49.222 --> 00:09:51.759 about that when we call on him.
NOTE Confidence: 0.81880224

00:09:51.760 --> 00:09:53.767 And papers again not meant to be in detail.
NOTE Confidence: 0.81880224

00:09:53.770 --> 00:09:55.546 I don't want there is so many papers.
NOTE Confidence: 0.81880224

00:09:55.550 --> 00:09:57.076 One of the things we're going to
NOTE Confidence: 0.81880224

00:09:57.076 --> 00:09:58.716 do as part of this new disease
NOTE Confidence: 0.81880224

00:09:58.716 --> 00:10:00.114 center is keep a full lot.
NOTE Confidence: 0.81880224

00:10:00.120 --> 00:10:01.930 Again, and quantify all these,
NOTE Confidence: 0.81880224

00:10:01.930 --> 00:10:03.378 but we've published it,
NOTE Confidence: 0.81880224

00:10:03.378 --> 00:10:04.826 builds the scientific literature.
NOTE Confidence: 0.81880224

00:10:04.830 --> 00:10:07.357 It helps get this to other places.

NOTE Confidence: 0.81880224

00:10:07.360 --> 00:10:10.400 It builds our reputation.

NOTE Confidence: 0.81880224

00:10:10.400 --> 00:10:11.840 Basic science, I'm actually.

NOTE Confidence: 0.81880224

00:10:11.840 --> 00:10:13.640 We have amazing basic science,

NOTE Confidence: 0.81880224

00:10:13.640 --> 00:10:15.800 just one of our sport projects.

NOTE Confidence: 0.81880224

00:10:15.800 --> 00:10:17.744 Project 2 Katie and Sarah both

NOTE Confidence: 0.81880224

00:10:17.744 --> 00:10:19.925 here working with Mark Lemon from

NOTE Confidence: 0.81880224

00:10:19.925 --> 00:10:21.557 the Cancer Biology Institute.

NOTE Confidence: 0.81880224

00:10:21.560 --> 00:10:23.330 Mechanistic approaches to counter TKI

NOTE Confidence: 0.81880224

00:10:23.330 --> 00:10:25.520 resistance and easier from lung cancer.

NOTE Confidence: 0.81880224

00:10:25.520 --> 00:10:27.320 So here's the team this.

NOTE Confidence: 0.81880224

00:10:27.320 --> 00:10:30.353 I think this is in the library in the

NOTE Confidence: 0.81880224

00:10:30.353 --> 00:10:33.325 brain room working to develop their

NOTE Confidence: 0.81880224

00:10:33.325 --> 00:10:35.875 methods to counter EGFR resistance.

NOTE Confidence: 0.81880224

00:10:35.880 --> 00:10:36.480 Publishing well,

NOTE Confidence: 0.81880224

00:10:36.480 --> 00:10:37.980 changing the field we've had.

NOTE Confidence: 0.81880224

00:10:37.980 --> 00:10:40.383 We have a long slow retreat here a few
NOTE Confidence: 0.81880224

00:10:40.383 --> 00:10:42.778 years ago that Katie ran with Christine.
NOTE Confidence: 0.81880224

00:10:42.780 --> 00:10:43.776 Lovely from Vanderbilt,
NOTE Confidence: 0.81880224

00:10:43.776 --> 00:10:46.845 this is what we need to do more of
NOTE Confidence: 0.81880224

00:10:46.845 --> 00:10:48.873 our continuing to bring the best
NOTE Confidence: 0.81880224

00:10:48.873 --> 00:10:51.017 science to bear on this disease.
NOTE Confidence: 0.81880224

00:10:51.020 --> 00:10:52.940 And then what about translational science?
NOTE Confidence: 0.81880224

00:10:52.940 --> 00:10:55.138 This is the area where I have
NOTE Confidence: 0.81880224

00:10:55.138 --> 00:10:56.780 put most of my time,
NOTE Confidence: 0.81880224

00:10:56.780 --> 00:10:58.700 but we built a lung spore.
NOTE Confidence: 0.81880224

00:10:58.700 --> 00:11:00.620 It took us a few years,
NOTE Confidence: 0.81880224

00:11:00.620 --> 00:11:02.860 but in 2015 we became only the
NOTE Confidence: 0.81880224

00:11:02.860 --> 00:11:03.820 third lung Spore.
NOTE Confidence: 0.81880224

00:11:03.820 --> 00:11:06.095 Here we are celebrating and then we
NOTE Confidence: 0.81880224

00:11:06.095 --> 00:11:08.939 renewed it on our very first try in 2020.
NOTE Confidence: 0.81880224

00:11:08.940 --> 00:11:09.241 Why?

NOTE Confidence: 0.81880224
00:11:09.241 --> 00:11:11.047 Because we had impact in smoking
NOTE Confidence: 0.81880224
00:11:11.047 --> 00:11:12.358 cessation in immunotherapy and
NOTE Confidence: 0.81880224
00:11:12.358 --> 00:11:13.417 targeting EGFR resistance.
NOTE Confidence: 0.81880224
00:11:13.420 --> 00:11:15.340 And we continue to go strong.
NOTE Confidence: 0.77362615
00:11:18.190 --> 00:11:20.296 This is our current spore iteration.
NOTE Confidence: 0.77362615
00:11:20.300 --> 00:11:22.828 We have projects right now and you'll hear
NOTE Confidence: 0.77362615
00:11:22.828 --> 00:11:25.558 about this new new targets for immunotherapy.
NOTE Confidence: 0.77362615
00:11:25.560 --> 00:11:27.666 Everyone in the world is using
NOTE Confidence: 0.77362615
00:11:27.666 --> 00:11:28.719 Leaping's first discovery.
NOTE Confidence: 0.77362615
00:11:28.720 --> 00:11:31.177 Now we're working on one of his.
NOTE Confidence: 0.77362615
00:11:31.180 --> 00:11:33.476 Others were working on brain metastases with
NOTE Confidence: 0.77362615
00:11:33.476 --> 00:11:36.437 Don when a wonderful addition to this team,
NOTE Confidence: 0.77362615
00:11:36.440 --> 00:11:37.844 Katie and her team.
NOTE Confidence: 0.77362615
00:11:37.844 --> 00:11:40.140 As I mentioned, Sarah and Mark working
NOTE Confidence: 0.77362615
00:11:40.140 --> 00:11:42.760 on each year for a pathway resistance,
NOTE Confidence: 0.77362615

00:11:42.760 --> 00:11:44.515 or continuing to look at
NOTE Confidence: 0.77362615

00:11:44.515 --> 00:11:45.568 prevention with smoking.
NOTE Confidence: 0.77362615

00:11:45.570 --> 00:11:48.356 Is this trial Bentall and Lisa Fucito.
NOTE Confidence: 0.77362615

00:11:48.360 --> 00:11:49.142 And others,
NOTE Confidence: 0.77362615

00:11:49.142 --> 00:11:51.488 this trial Brenda and others is
NOTE Confidence: 0.77362615

00:11:51.488 --> 00:11:53.778 about to unveil its results.
NOTE Confidence: 0.8792891

00:11:55.830 --> 00:11:58.278 And again, publishing well
NOTE Confidence: 0.8792891

00:11:58.278 --> 00:12:00.726 in high profile journals.
NOTE Confidence: 0.8792891

00:12:00.730 --> 00:12:02.518 These drugs and this is just
NOTE Confidence: 0.8792891

00:12:02.518 --> 00:12:04.379 the list I could think of.
NOTE Confidence: 0.8792891

00:12:04.380 --> 00:12:06.588 You know, in the last night when I
NOTE Confidence: 0.8792891

00:12:06.588 --> 00:12:08.732 was making the slide with Doctor Joe
NOTE Confidence: 0.8792891

00:12:08.732 --> 00:12:10.760 who helped me with these slides,
NOTE Confidence: 0.8792891

00:12:10.760 --> 00:12:12.590 you can see all these drugs.
NOTE Confidence: 0.8792891

00:12:12.590 --> 00:12:13.496 Their first uses.
NOTE Confidence: 0.8792891

00:12:13.496 --> 00:12:15.338 How to use them, the mechanism,

NOTE Confidence: 0.8792891

00:12:15.338 --> 00:12:17.536 the biopsy studies all really with some

NOTE Confidence: 0.8792891

00:12:17.536 --> 00:12:19.267 origins here at Yale Cancer Center.

NOTE Confidence: 0.8792891

00:12:19.270 --> 00:12:20.490 Very proud of that.

NOTE Confidence: 0.8792891

00:12:20.490 --> 00:12:21.710 People could come here.

NOTE Confidence: 0.8792891

00:12:21.710 --> 00:12:23.522 I still recall with that as

NOTE Confidence: 0.8792891

00:12:23.522 --> 00:12:25.050 Alisme AB nine years ago.

NOTE Confidence: 0.8792891

00:12:25.050 --> 00:12:27.228 Patient coming from New York because

NOTE Confidence: 0.8792891

00:12:27.228 --> 00:12:28.981 they couldn't get immunotherapy in

NOTE Confidence: 0.8792891

00:12:28.981 --> 00:12:30.925 New York that getting in here at Yale.

NOTE Confidence: 0.8792891

00:12:30.930 --> 00:12:32.730 I'd like to see us do more of that

NOTE Confidence: 0.8792891

00:12:32.730 --> 00:12:34.755 with the next generation of either

NOTE Confidence: 0.8792891

00:12:34.755 --> 00:12:36.525 targeted therapies or immuno therapies.

NOTE Confidence: 0.8792891

00:12:36.530 --> 00:12:39.230 And with surgical techniques and

NOTE Confidence: 0.8792891

00:12:39.230 --> 00:12:41.930 with other types of treatments.

NOTE Confidence: 0.8792891

00:12:41.930 --> 00:12:43.562 We have a dark eyed disease

NOTE Confidence: 0.8792891

00:12:43.562 --> 00:12:44.378 align research team.
NOTE Confidence: 0.8792891

00:12:44.380 --> 00:12:45.740 This is a picture from
NOTE Confidence: 0.8792891

00:12:45.740 --> 00:12:46.828 our last weeks meeting.
NOTE Confidence: 0.8792891

00:12:46.830 --> 00:12:48.998 Some of the leaders will be on there.
NOTE Confidence: 0.8792891

00:12:49.000 --> 00:12:51.520 I guess I must have taken a phone call in
NOTE Confidence: 0.8792891

00:12:51.585 --> 00:12:54.168 the middle of the call and they caught me.
NOTE Confidence: 0.8792891

00:12:54.170 --> 00:12:55.530 You never know when you're
NOTE Confidence: 0.8792891

00:12:55.530 --> 00:12:56.618 on the zoom button.
NOTE Confidence: 0.8792891

00:12:56.620 --> 00:12:57.980 Amazing amazing group of people.
NOTE Confidence: 0.8792891

00:12:57.980 --> 00:13:00.148 These are the people that make it happen.
NOTE Confidence: 0.8792891

00:13:00.150 --> 00:13:02.193 I hope I know many of them are watching
NOTE Confidence: 0.8792891

00:13:02.193 --> 00:13:04.258 and I appreciate their work so much
NOTE Confidence: 0.8792891

00:13:04.258 --> 00:13:06.140 and really fantastic and our leaders.
NOTE Confidence: 0.8792891

00:13:06.140 --> 00:13:07.904 Jennifer Pope incera public.
NOTE Confidence: 0.8792891

00:13:07.904 --> 00:13:09.227 Just amazing team.
NOTE Confidence: 0.8792891

00:13:09.230 --> 00:13:11.043 Are accruals you know these are the

NOTE Confidence: 0.8792891

00:13:11.043 --> 00:13:12.610 cruise without the phase one patients

NOTE Confidence: 0.8792891

00:13:12.610 --> 00:13:14.856 'cause a lot of lung patients go to phase

NOTE Confidence: 0.8792891

00:13:14.856 --> 00:13:16.536 one but this has been pretty decent.

NOTE Confidence: 0.8792891

00:13:16.540 --> 00:13:18.548 I would like to see this go higher.

NOTE Confidence: 0.8792891

00:13:18.550 --> 00:13:20.550 How are we going to make this higher

NOTE Confidence: 0.8792891

00:13:20.550 --> 00:13:22.508 by bringing more patients here and by

NOTE Confidence: 0.8792891

00:13:22.508 --> 00:13:24.750 having more trials and being more efficient.

NOTE Confidence: 0.8792891

00:13:24.750 --> 00:13:25.698 I'm not a skier.

NOTE Confidence: 0.8792891

00:13:25.698 --> 00:13:27.886 If I was a skier, this would be the

NOTE Confidence: 0.8792891

00:13:27.886 --> 00:13:29.750 biggest slope I'd ever want to go on.

NOTE Confidence: 0.8792891

00:13:29.750 --> 00:13:30.940 And I gotta tell you,

NOTE Confidence: 0.8792891

00:13:30.940 --> 00:13:32.308 we gotta fix this a little

NOTE Confidence: 0.8792891

00:13:32.308 --> 00:13:33.790 bit of a downturn last year.

NOTE Confidence: 0.8792891

00:13:33.790 --> 00:13:34.980 Some of this is kovid.

NOTE Confidence: 0.8792891

00:13:34.980 --> 00:13:36.408 Some of this is, you know,

NOTE Confidence: 0.8792891

00:13:36.410 --> 00:13:37.139 the current environment,
NOTE Confidence: 0.8792891

00:13:37.139 --> 00:13:39.270 but we're going to bring this up and this.
NOTE Confidence: 0.8792891

00:13:39.270 --> 00:13:41.166 This is where our tissue samples come from.
NOTE Confidence: 0.8792891

00:13:41.170 --> 00:13:42.334 This is our innovation.
NOTE Confidence: 0.8792891

00:13:42.334 --> 00:13:44.690 This is how we help more patients.
NOTE Confidence: 0.8792891

00:13:44.690 --> 00:13:47.105 But our trials are very nicely divided.
NOTE Confidence: 0.8792891

00:13:47.110 --> 00:13:49.878 Very proud of this 40% or so of
NOTE Confidence: 0.8792891

00:13:49.878 --> 00:13:51.954 our accruals are the care centers.
NOTE Confidence: 0.8792891

00:13:51.960 --> 00:13:54.306 The lung team really is already
NOTE Confidence: 0.8792891

00:13:54.306 --> 00:13:55.479 multidisciplinary and already
NOTE Confidence: 0.8792891

00:13:55.479 --> 00:13:57.110 working between the care centers
NOTE Confidence: 0.8792891

00:13:57.110 --> 00:13:59.225 and you can see while 37.8% are
NOTE Confidence: 0.8792891

00:13:59.225 --> 00:14:01.640 industry were very active in the NCT.
NOTE Confidence: 0.8792891

00:14:01.640 --> 00:14:05.960 N with leadership in the in the swag.
NOTE Confidence: 0.8792891

00:14:05.960 --> 00:14:07.580 Several of the group have
NOTE Confidence: 0.8792891

00:14:07.580 --> 00:14:08.228 leadership committees.

NOTE Confidence: 0.8792891

00:14:08.230 --> 00:14:09.830 Leadership position in the lung

NOTE Confidence: 0.8792891

00:14:09.830 --> 00:14:11.430 Committee that Decker has leadership

NOTE Confidence: 0.8792891

00:14:11.483 --> 00:14:12.848 myself and several others that

NOTE Confidence: 0.8792891

00:14:12.848 --> 00:14:14.213 Cappelletti and you can see

NOTE Confidence: 0.8792891

00:14:14.265 --> 00:14:15.678 investigator initiated trials.

NOTE Confidence: 0.8792891

00:14:15.680 --> 00:14:18.669 About 10% we're going to do even

NOTE Confidence: 0.8792891

00:14:18.669 --> 00:14:21.438 more of those for the future.

NOTE Confidence: 0.8792891

00:14:21.440 --> 00:14:22.721 This just opened,

NOTE Confidence: 0.8792891

00:14:22.721 --> 00:14:24.856 I think Scott's probably downstairs

NOTE Confidence: 0.8792891

00:14:24.856 --> 00:14:27.116 putting someone on so this is

NOTE Confidence: 0.8792891

00:14:27.116 --> 00:14:28.452 an investigator initiated trial

NOTE Confidence: 0.8792891

00:14:28.452 --> 00:14:30.120 with the drug cyclic 15.

NOTE Confidence: 0.8792891

00:14:30.120 --> 00:14:31.488 What does it mean?

NOTE Confidence: 0.8792891

00:14:31.488 --> 00:14:33.540 Investigator initiated Yell holds the Ind

NOTE Confidence: 0.80150825

00:14:33.607 --> 00:14:35.945 Yell is fully responsible for this trial.

NOTE Confidence: 0.80150825

00:14:35.950 --> 00:14:38.344 We're getting the drug from next cure.
NOTE Confidence: 0.80150825

00:14:38.350 --> 00:14:40.912 A company that leaping has been
NOTE Confidence: 0.80150825

00:14:40.912 --> 00:14:43.640 involved with and we're getting the.
NOTE Confidence: 0.80150825

00:14:43.640 --> 00:14:45.404 Where the phase one studies were
NOTE Confidence: 0.80150825

00:14:45.404 --> 00:14:46.883 initially run and we're getting
NOTE Confidence: 0.80150825

00:14:46.883 --> 00:14:48.626 the Pebble is a map from work,
NOTE Confidence: 0.80150825

00:14:48.630 --> 00:14:50.010 but we're pulling out altogether.
NOTE Confidence: 0.80150825

00:14:50.010 --> 00:14:51.294 We're getting the biopsy.
NOTE Confidence: 0.80150825

00:14:51.294 --> 00:14:53.935 The biopsies will be picked up in the clinic
NOTE Confidence: 0.80150825

00:14:53.935 --> 00:14:56.380 by one of our team to go to David's lab.
NOTE Confidence: 0.80150825

00:14:56.380 --> 00:14:57.770 Will go to Kurt Slab.
NOTE Confidence: 0.80150825

00:14:57.770 --> 00:14:58.574 Only pings lab.
NOTE Confidence: 0.80150825

00:14:58.574 --> 00:15:00.810 This is how science has to be done.
NOTE Confidence: 0.80150825

00:15:00.810 --> 00:15:02.195 The best treatments and then
NOTE Confidence: 0.80150825

00:15:02.195 --> 00:15:03.026 understanding the mechanism.
NOTE Confidence: 0.80150825

00:15:03.030 --> 00:15:05.826 All that happening through the system.

NOTE Confidence: 0.80150825

00:15:05.830 --> 00:15:07.886 Just to finish up, we have a wonderful

NOTE Confidence: 0.80150825

00:15:07.886 --> 00:15:09.668 program in small cell lung cancer.

NOTE Confidence: 0.80150825

00:15:09.670 --> 00:15:11.858 This is led by and Chang, you know,

NOTE Confidence: 0.80150825

00:15:11.858 --> 00:15:13.776 small cell is a community type disease.

NOTE Confidence: 0.80150825

00:15:13.780 --> 00:15:15.876 I think it's one of the reasons why

NOTE Confidence: 0.80150825

00:15:15.876 --> 00:15:17.609 Anna smoking related to these two.

NOTE Confidence: 0.80150825

00:15:17.610 --> 00:15:19.260 Why we have so much care?

NOTE Confidence: 0.80150825

00:15:19.260 --> 00:15:21.126 Center accrual because some of her

NOTE Confidence: 0.80150825

00:15:21.126 --> 00:15:22.731 innovation with the care centers

NOTE Confidence: 0.80150825

00:15:22.731 --> 00:15:24.266 in this small cell program.

NOTE Confidence: 0.80150825

00:15:24.270 --> 00:15:25.740 And then lung cancer screening.

NOTE Confidence: 0.80150825

00:15:25.740 --> 00:15:27.732 I'm going to Clint Ocus in a bit

NOTE Confidence: 0.80150825

00:15:27.732 --> 00:15:29.789 but this is just been a phenomenal

NOTE Confidence: 0.80150825

00:15:29.789 --> 00:15:32.320 labor of love from Lynn and the team

NOTE Confidence: 0.80150825

00:15:32.320 --> 00:15:34.270 to get screening at multiple sites.

NOTE Confidence: 0.80150825

00:15:34.270 --> 00:15:36.734 And again it couldn't be more timely
NOTE Confidence: 0.80150825

00:15:36.734 --> 00:15:39.108 Cousins going to tell us a little
NOTE Confidence: 0.80150825

00:15:39.108 --> 00:15:41.430 bit about how screening is not only
NOTE Confidence: 0.80150825

00:15:41.430 --> 00:15:43.704 being done but it's being expanded.
NOTE Confidence: 0.80150825

00:15:43.710 --> 00:15:44.890 Community outreach and engagement.
NOTE Confidence: 0.80150825

00:15:44.890 --> 00:15:47.398 I mentioned that you know our lung map trial.
NOTE Confidence: 0.80150825

00:15:47.400 --> 00:15:49.304 Here I am with Doctor Joe talking
NOTE Confidence: 0.80150825

00:15:49.304 --> 00:15:51.093 to the Cultural Ambassadors the way
NOTE Confidence: 0.80150825

00:15:51.093 --> 00:15:53.228 you get trials out to the community
NOTE Confidence: 0.80150825

00:15:53.290 --> 00:15:54.790 as you go to the community,
NOTE Confidence: 0.80150825

00:15:54.790 --> 00:15:56.488 you talk on the radio programs.
NOTE Confidence: 0.80150825

00:15:56.490 --> 00:15:58.754 You go to. The churches were doing that.
NOTE Confidence: 0.80150825

00:15:58.760 --> 00:16:00.470 You were donating masks were creating.
NOTE Confidence: 0.80150825

00:16:00.470 --> 00:16:03.886 Navigators were going to do more of this.
NOTE Confidence: 0.80150825

00:16:03.890 --> 00:16:06.620 Now we have a network no, I mentioned.
NOTE Confidence: 0.80150825

00:16:06.620 --> 00:16:08.320 I'm here 10 years ago.

NOTE Confidence: 0.80150825

00:16:08.320 --> 00:16:11.088 Little bit more than nine years ago we

NOTE Confidence: 0.80150825

00:16:11.088 --> 00:16:14.118 brought in the first group Mo H 21 doctors.

NOTE Confidence: 0.80150825

00:16:14.120 --> 00:16:16.162 Now we have 15 sites where

NOTE Confidence: 0.80150825

00:16:16.162 --> 00:16:17.526 care can be delivered.

NOTE Confidence: 0.80150825

00:16:17.530 --> 00:16:19.576 I believe this is Westerly RI.

NOTE Confidence: 0.80150825

00:16:19.580 --> 00:16:21.893 Be nice to have a boat so look at

NOTE Confidence: 0.80150825

00:16:21.893 --> 00:16:24.020 all these sites that we have and

NOTE Confidence: 0.80150825

00:16:24.020 --> 00:16:26.724 we need to now expand and deliver

NOTE Confidence: 0.80150825

00:16:26.724 --> 00:16:29.114 multi modality care innovative care,

NOTE Confidence: 0.80150825

00:16:29.120 --> 00:16:31.584 protocol driven care or at least the

NOTE Confidence: 0.80150825

00:16:31.584 --> 00:16:34.296 best standard of care at all these sites.

NOTE Confidence: 0.80150825

00:16:34.300 --> 00:16:35.068 We're doing that,

NOTE Confidence: 0.80150825

00:16:35.068 --> 00:16:36.860 but we're going to do it even

NOTE Confidence: 0.80150825

00:16:36.919 --> 00:16:38.007 better as we expand.

NOTE Confidence: 0.80150825

00:16:38.010 --> 00:16:39.105 So Kevin Vest,

NOTE Confidence: 0.80150825

00:16:39.105 --> 00:16:41.660 who I've known since I got here,
NOTE Confidence: 0.80150825

00:16:41.660 --> 00:16:44.215 who's done so much for this endeavor,
NOTE Confidence: 0.80150825

00:16:44.220 --> 00:16:46.410 has spoken to this group before
NOTE Confidence: 0.80150825

00:16:46.410 --> 00:16:47.870 about the disease centers,
NOTE Confidence: 0.80150825

00:16:47.870 --> 00:16:50.060 pulling together things into a clinical
NOTE Confidence: 0.80150825

00:16:50.060 --> 00:16:51.520 research and education component,
NOTE Confidence: 0.80150825

00:16:51.520 --> 00:16:52.248 and inclusivity,
NOTE Confidence: 0.80150825

00:16:52.248 --> 00:16:54.796 cons of the wheel or working together.
NOTE Confidence: 0.80150825

00:16:54.800 --> 00:16:57.640 I'm not going to go into this into
NOTE Confidence: 0.80150825

00:16:57.640 --> 00:17:00.278 much detail except to say thank you,
NOTE Confidence: 0.80150825

00:17:00.280 --> 00:17:00.685 Kevin,
NOTE Confidence: 0.80150825

00:17:00.685 --> 00:17:03.115 because you gave us the resources
NOTE Confidence: 0.80150825

00:17:03.115 --> 00:17:05.627 and the and the stimulus to
NOTE Confidence: 0.80150825

00:17:05.627 --> 00:17:08.063 take lung cancer to this level.
NOTE Confidence: 0.80150825

00:17:08.070 --> 00:17:10.710 So now we have our cabinet and by the way,
NOTE Confidence: 0.80150825

00:17:10.710 --> 00:17:12.606 this is no way to mean that if

NOTE Confidence: 0.80150825

00:17:12.606 --> 00:17:14.410 you're not listed on the cabinet,

NOTE Confidence: 0.8006987

00:17:14.410 --> 00:17:15.196 you're not critical.

NOTE Confidence: 0.8006987

00:17:15.196 --> 00:17:16.244 They're going to work.

NOTE Confidence: 0.8006987

00:17:16.250 --> 00:17:17.840 Streams are going to be subgroups,

NOTE Confidence: 0.8006987

00:17:17.840 --> 00:17:19.418 but this is just the start.

NOTE Confidence: 0.8006987

00:17:19.420 --> 00:17:21.010 As we launch this, I've agreed.

NOTE Confidence: 0.8006987

00:17:21.010 --> 00:17:22.588 I have plenty else to do,

NOTE Confidence: 0.8006987

00:17:22.590 --> 00:17:23.910 but I'm passionate about this.

NOTE Confidence: 0.8006987

00:17:23.910 --> 00:17:25.488 I think as you all know,

NOTE Confidence: 0.8006987

00:17:25.490 --> 00:17:27.610 and I can work all the different areas.

NOTE Confidence: 0.8006987

00:17:27.610 --> 00:17:29.714 I'm going to be the coordinator for now,

NOTE Confidence: 0.8006987

00:17:29.720 --> 00:17:31.568 and I'm starting out as a coordinator,

NOTE Confidence: 0.8006987

00:17:31.570 --> 00:17:33.404 but Dan Boffa remains the clinical director.

NOTE Confidence: 0.8006987

00:17:33.410 --> 00:17:35.258 He's doing amazing job with this Scott.

NOTE Confidence: 0.8006987

00:17:35.260 --> 00:17:35.786 Get challengers,

NOTE Confidence: 0.8006987

00:17:35.786 --> 00:17:37.364 our Chief of Thoracic Medical oncology.
NOTE Confidence: 0.8006987

00:17:37.370 --> 00:17:39.554 Sarah Goldberg will be the research director.
NOTE Confidence: 0.8006987

00:17:39.560 --> 00:17:40.718 And Katie Poletti,
NOTE Confidence: 0.8006987

00:17:40.718 --> 00:17:41.876 the scientific director.
NOTE Confidence: 0.8006987

00:17:41.880 --> 00:17:44.211 They only speak working very closely with
NOTE Confidence: 0.8006987

00:17:44.211 --> 00:17:46.530 Kevin and with administrative staff,
NOTE Confidence: 0.8006987

00:17:46.530 --> 00:17:48.846 and this cabinet is meant to
NOTE Confidence: 0.8006987

00:17:48.846 --> 00:17:50.004 represent different disciplines,
NOTE Confidence: 0.8006987

00:17:50.010 --> 00:17:51.558 but also different centers.
NOTE Confidence: 0.8006987

00:17:51.558 --> 00:17:52.719 Suggestions at Greenwich,
NOTE Confidence: 0.8006987

00:17:52.720 --> 00:17:56.656 Vinny is at Bridgeport and I'm going to
NOTE Confidence: 0.8006987

00:17:56.656 --> 00:17:59.828 introduce them all in just one moment.
NOTE Confidence: 0.8006987

00:17:59.830 --> 00:18:00.950 So here's our panel.
NOTE Confidence: 0.8006987

00:18:00.950 --> 00:18:02.890 I did what I wanted to do.
NOTE Confidence: 0.8006987

00:18:02.890 --> 00:18:03.426 20 minutes.
NOTE Confidence: 0.8006987

00:18:03.426 --> 00:18:05.950 I've invited all this group to be here today.

NOTE Confidence: 0.8006987

00:18:05.950 --> 00:18:08.730 It's a new way to doing to do grand rounds,

NOTE Confidence: 0.8006987

00:18:08.730 --> 00:18:10.452 but having been on most of the

NOTE Confidence: 0.8006987

00:18:10.452 --> 00:18:12.189 grand rounds the last year I

NOTE Confidence: 0.8006987

00:18:12.189 --> 00:18:13.445 missed the interactive format.

NOTE Confidence: 0.8006987

00:18:13.450 --> 00:18:15.396 I think it would be interesting to.

NOTE Confidence: 0.8006987

00:18:15.400 --> 00:18:17.339 I want to see plenty of questions.

NOTE Confidence: 0.8006987

00:18:17.340 --> 00:18:19.356 I'm going to ask each of these panelists

NOTE Confidence: 0.8006987

00:18:19.356 --> 00:18:21.238 to be careful with their time.

NOTE Confidence: 0.8006987

00:18:21.240 --> 00:18:23.478 Ask them one to introduce himself.

NOTE Confidence: 0.8006987

00:18:23.480 --> 00:18:25.352 To tell them to tell us what they

NOTE Confidence: 0.8006987

00:18:25.352 --> 00:18:28.008 do and then tell us a little bit of

NOTE Confidence: 0.8006987

00:18:28.008 --> 00:18:29.567 something that's really exciting in

NOTE Confidence: 0.8006987

00:18:29.567 --> 00:18:31.903 your area and perhaps how you think we

NOTE Confidence: 0.8006987

00:18:31.910 --> 00:18:33.877 can bring that to the disease center.

NOTE Confidence: 0.8006987

00:18:33.880 --> 00:18:35.170 Thoracic disease center

NOTE Confidence: 0.8006987

00:18:35.170 --> 00:18:36.030 throughout Connecticut.
NOTE Confidence: 0.8006987

00:18:36.030 --> 00:18:38.046 So with that, I think I'll stop.
NOTE Confidence: 0.8006987

00:18:38.050 --> 00:18:39.490 I just went over knowledge.
NOTE Confidence: 0.8006987

00:18:39.490 --> 00:18:42.073 We have so much support from from the team,
NOTE Confidence: 0.8006987

00:18:42.080 --> 00:18:42.932 but also philanthropy.
NOTE Confidence: 0.8006987

00:18:42.932 --> 00:18:44.352 This is all philanthropy that
NOTE Confidence: 0.8006987

00:18:44.352 --> 00:18:45.529 comes to lung cancer.
NOTE Confidence: 0.8006987

00:18:45.530 --> 00:18:47.258 More on the way I hope.
NOTE Confidence: 0.8006987

00:18:47.260 --> 00:18:50.668 And we have peer reviewed funding as well.
NOTE Confidence: 0.8006987

00:18:50.670 --> 00:18:54.180 So I don't let me see if Lynn is on the line.
NOTE Confidence: 0.8006987

00:18:54.180 --> 00:18:56.710 Lynn's not here yet, so.
NOTE Confidence: 0.8006987

00:18:56.710 --> 00:18:59.006 After sort of do a Bayesian approach here.
NOTE Confidence: 0.8006987

00:18:59.010 --> 00:19:02.010 So let me stop sharing.
NOTE Confidence: 0.8006987

00:19:02.010 --> 00:19:04.770 And I'm going to put the screen up
NOTE Confidence: 0.8006987

00:19:04.770 --> 00:19:07.602 and let me ask the panel members
NOTE Confidence: 0.8006987

00:19:07.602 --> 00:19:10.070 to unmute and welcome you all,

NOTE Confidence: 0.8006987

00:19:10.070 --> 00:19:13.130 and thanks for being here.

NOTE Confidence: 0.8006987

00:19:13.130 --> 00:19:14.762 I guess maybe that the first

NOTE Confidence: 0.8006987

00:19:14.762 --> 00:19:16.520 word I'd like to introduce.

NOTE Confidence: 0.8006987

00:19:16.520 --> 00:19:17.184 Dan Boffa,

NOTE Confidence: 0.8006987

00:19:17.184 --> 00:19:18.844 who's the clinical director and

NOTE Confidence: 0.8006987

00:19:18.844 --> 00:19:20.518 Dan Lynn's about to be here,

NOTE Confidence: 0.8006987

00:19:20.520 --> 00:19:22.676 and I want to save the screening

NOTE Confidence: 0.8006987

00:19:22.676 --> 00:19:23.600 discussion for her.

NOTE Confidence: 0.8006987

00:19:23.600 --> 00:19:25.140 Can you just introduce yourself?

NOTE Confidence: 0.8006987

00:19:25.140 --> 00:19:27.788 Tell us a little bit about some of

NOTE Confidence: 0.8006987

00:19:27.788 --> 00:19:30.117 the innovations in surgery and why

NOTE Confidence: 0.8006987

00:19:30.117 --> 00:19:32.107 multimodality care is so important.

NOTE Confidence: 0.8006987

00:19:32.110 --> 00:19:32.560 Sure,

NOTE Confidence: 0.8407886

00:19:32.560 --> 00:19:33.450 thanks Roy.

NOTE Confidence: 0.8407886

00:19:33.450 --> 00:19:37.010 So for those of you who don't know,

NOTE Confidence: 0.8407886

00:19:37.010 --> 00:19:41.644 I'm one of the thoracic surgeons and.
NOTE Confidence: 0.8407886

00:19:41.650 --> 00:19:44.723 There have been a number of innovations
NOTE Confidence: 0.8407886

00:19:44.723 --> 00:19:47.320 in surgery that really tie to
NOTE Confidence: 0.8407886

00:19:47.320 --> 00:19:49.714 care delivery in general that one
NOTE Confidence: 0.8407886

00:19:49.714 --> 00:19:52.672 of our research interests in the
NOTE Confidence: 0.8407886

00:19:52.672 --> 00:19:55.147 division of Thoracic Surgery has
NOTE Confidence: 0.8407886

00:19:55.150 --> 00:19:57.898 been networks and how networks can
NOTE Confidence: 0.8407886

00:19:57.898 --> 00:20:00.180 function better to provide care.
NOTE Confidence: 0.8407886

00:20:00.180 --> 00:20:02.156 Air throughout the network.
NOTE Confidence: 0.8407886

00:20:02.156 --> 00:20:04.626 We've really identified a number
NOTE Confidence: 0.8407886

00:20:04.626 --> 00:20:06.736 of opportunities where satellites
NOTE Confidence: 0.8407886

00:20:06.736 --> 00:20:09.796 are are not performing at the
NOTE Confidence: 0.8407886

00:20:09.796 --> 00:20:12.428 same levels as the main campus,
NOTE Confidence: 0.8407886

00:20:12.430 --> 00:20:14.880 and we believe we've discovered
NOTE Confidence: 0.8407886

00:20:14.880 --> 00:20:17.330 several ways to improve that.
NOTE Confidence: 0.8407886

00:20:17.330 --> 00:20:21.250 The things that that that I so I've,

NOTE Confidence: 0.8407886

00:20:21.250 --> 00:20:25.170 I've served as the clinical director of top,

NOTE Confidence: 0.8407886

00:20:25.170 --> 00:20:29.083 and I think that moving into the

NOTE Confidence: 0.8407886

00:20:29.083 --> 00:20:32.748 next chapter is how do we bring?

NOTE Confidence: 0.8407886

00:20:32.750 --> 00:20:35.235 Our multidisciplinary care model to

NOTE Confidence: 0.8407886

00:20:35.235 --> 00:20:38.424 other centers across the network and and

NOTE Confidence: 0.8407886

00:20:38.424 --> 00:20:41.380 I I really tried to image what does care,

NOTE Confidence: 0.8407886

00:20:41.380 --> 00:20:43.440 feel like across the network.

NOTE Confidence: 0.8407886

00:20:43.440 --> 00:20:45.906 You know it and really just

NOTE Confidence: 0.8407886

00:20:45.906 --> 00:20:47.550 comes down to care.

NOTE Confidence: 0.8407886

00:20:47.550 --> 00:20:50.413 Really needs to feel like it's connected

NOTE Confidence: 0.8407886

00:20:50.413 --> 00:20:53.845 so that all of our centers are connected

NOTE Confidence: 0.8407886

00:20:53.845 --> 00:20:57.150 and all of our clinicians are connected.

NOTE Confidence: 0.8407886

00:20:57.150 --> 00:20:59.999 Care has to feel navigated and we've

NOTE Confidence: 0.8407886

00:20:59.999 --> 00:21:02.110 totally revamped our entire nursing

NOTE Confidence: 0.8407886

00:21:02.110 --> 00:21:05.366 model so that we now have practice nurses.

NOTE Confidence: 0.8407886

00:21:05.370 --> 00:21:07.355 We've essentially doubled the number
NOTE Confidence: 0.8407886

00:21:07.355 --> 00:21:09.890 of practice nurses across the threats,
NOTE Confidence: 0.8407886

00:21:09.890 --> 00:21:10.712 conchology program,
NOTE Confidence: 0.8407886

00:21:10.712 --> 00:21:12.356 and so that really,
NOTE Confidence: 0.8407886

00:21:12.360 --> 00:21:14.682 there's going to be somebody holding
NOTE Confidence: 0.8407886

00:21:14.682 --> 00:21:16.230 your hand that's identifiable
NOTE Confidence: 0.8407886

00:21:16.291 --> 00:21:18.516 throughout your entire cancer journey.
NOTE Confidence: 0.8407886

00:21:18.520 --> 00:21:21.397 And when there's a handoff across modalities,
NOTE Confidence: 0.8407886

00:21:21.400 --> 00:21:24.688 it'll be to somebody who's on that team.
NOTE Confidence: 0.8407886

00:21:24.690 --> 00:21:27.658 And finally, it's gotta be expert care.
NOTE Confidence: 0.8407886

00:21:27.660 --> 00:21:28.216 Anne.
NOTE Confidence: 0.8407886

00:21:28.216 --> 00:21:32.108 You know there's experts in clinical trials.
NOTE Confidence: 0.8407886

00:21:32.110 --> 00:21:35.880 There's experts in complex surgery.
NOTE Confidence: 0.8407886

00:21:35.880 --> 00:21:37.329 Need to be experts.
NOTE Confidence: 0.8407886

00:21:37.329 --> 00:21:39.447 We need to have the expertise
NOTE Confidence: 0.8407886

00:21:39.447 --> 00:21:41.760 to manage the whole package,

NOTE Confidence: 0.8407886

00:21:41.760 --> 00:21:43.720 not just the tough parts,

NOTE Confidence: 0.8407886

00:21:43.720 --> 00:21:45.680 but the general well being.

NOTE Confidence: 0.8407886

00:21:45.680 --> 00:21:48.312 And so we're trying to refine what

NOTE Confidence: 0.8407886

00:21:48.312 --> 00:21:51.517 it feels like to be a patient

NOTE Confidence: 0.8407886

00:21:51.517 --> 00:21:53.512 in the thoracic oncology program.

NOTE Confidence: 0.8407886

00:21:53.520 --> 00:21:55.404 Throughout the entire journey.

NOTE Confidence: 0.8407886

00:21:55.404 --> 00:21:56.346 So what

NOTE Confidence: 0.8122789

00:21:56.350 --> 00:21:58.210 are some of the innovations we

NOTE Confidence: 0.8122789

00:21:58.210 --> 00:21:59.765 hear about robotic surgery, vats,

NOTE Confidence: 0.8122789

00:21:59.765 --> 00:22:01.340 surgery, different techniques or are

NOTE Confidence: 0.8122789

00:22:01.340 --> 00:22:03.170 we using that throughout our system?

NOTE Confidence: 0.867156

00:22:03.830 --> 00:22:05.108 Yeah, they actually.

NOTE Confidence: 0.867156

00:22:05.108 --> 00:22:07.664 So all of the surgeons do

NOTE Confidence: 0.867156

00:22:07.664 --> 00:22:09.470 minimally invasive surgery.

NOTE Confidence: 0.867156

00:22:09.470 --> 00:22:12.760 The right now three of the six,

NOTE Confidence: 0.867156

00:22:12.760 --> 00:22:15.580 we're going to 7 in July.
NOTE Confidence: 0.867156

00:22:15.580 --> 00:22:18.400 Three of the six do robotics,
NOTE Confidence: 0.867156

00:22:18.400 --> 00:22:20.750 but by by hopefully by
NOTE Confidence: 0.867156

00:22:20.750 --> 00:22:23.100 December or January next year.
NOTE Confidence: 0.867156

00:22:23.100 --> 00:22:26.860 Five of the six will be doing robotics,
NOTE Confidence: 0.867156

00:22:26.860 --> 00:22:28.740 but everything is done.
NOTE Confidence: 0.867156

00:22:28.740 --> 00:22:30.694 You know, we do.
NOTE Confidence: 0.867156

00:22:30.694 --> 00:22:33.229 The vast majority of things
NOTE Confidence: 0.867156

00:22:33.229 --> 00:22:34.750 minimally invasive Lee.
NOTE Confidence: 0.867156

00:22:34.750 --> 00:22:36.283 Um? You know,
NOTE Confidence: 0.867156

00:22:36.283 --> 00:22:39.349 we're we're trying to grow bigger,
NOTE Confidence: 0.867156

00:22:39.350 --> 00:22:41.522 but we're also trying to grow
NOTE Confidence: 0.867156

00:22:41.522 --> 00:22:44.160 safer and try to grow stronger.
NOTE Confidence: 0.867156

00:22:44.160 --> 00:22:46.792 And so we believe the the robotics
NOTE Confidence: 0.867156

00:22:46.792 --> 00:22:49.770 platform is an important part of that.
NOTE Confidence: 0.867156

00:22:49.770 --> 00:22:50.133 It's.

NOTE Confidence: 0.867156

00:22:50.133 --> 00:22:52.311 But I also think that maintaining

NOTE Confidence: 0.867156

00:22:52.311 --> 00:22:54.805 the principles of oncology and in

NOTE Confidence: 0.867156

00:22:54.805 --> 00:22:56.589 doing complete resections safely.

NOTE Confidence: 0.867156

00:22:56.590 --> 00:22:59.187 You know that's where the and matching

NOTE Confidence: 0.867156

00:22:59.187 --> 00:23:01.230 people with the most appropriate

NOTE Confidence: 0.867156

00:23:01.230 --> 00:23:03.804 treatment to their goals of care.

NOTE Confidence: 0.867156

00:23:03.810 --> 00:23:04.778 I mean,

NOTE Confidence: 0.867156

00:23:04.778 --> 00:23:08.166 that's really where the art and science.

NOTE Confidence: 0.867156

00:23:08.170 --> 00:23:09.160 Come together.

NOTE Confidence: 0.795016

00:23:10.070 --> 00:23:11.490 Thanks Dan and will get

NOTE Confidence: 0.795016

00:23:11.490 --> 00:23:13.629 back to you in a bit Lynn.

NOTE Confidence: 0.795016

00:23:13.630 --> 00:23:15.576 I thanks for joining so I hope

NOTE Confidence: 0.795016

00:23:15.576 --> 00:23:17.664 your ears were burning so I showed

NOTE Confidence: 0.795016

00:23:17.664 --> 00:23:19.811 some of those slides you you you

NOTE Confidence: 0.795016

00:23:19.811 --> 00:23:21.629 loan me about the origins of

NOTE Confidence: 0.795016

00:23:21.629 --> 00:23:23.126 top and actually was fortunate.

NOTE Confidence: 0.795016

00:23:23.126 --> 00:23:25.470 I met Lynn about 20 years ago when

NOTE Confidence: 0.795016

00:23:25.530 --> 00:23:27.665 when I first came through and visited

NOTE Confidence: 0.795016

00:23:27.665 --> 00:23:29.763 Yale and then actually one key hiding

NOTE Confidence: 0.795016

00:23:29.763 --> 00:23:31.996 my mentor who is a very strong advocate,

NOTE Confidence: 0.795016

00:23:31.996 --> 00:23:33.088 unfortunately passed away a

NOTE Confidence: 0.795016

00:23:33.088 --> 00:23:34.720 few years ago of prevention.

NOTE Confidence: 0.795016

00:23:34.720 --> 00:23:35.752 We know we talked,

NOTE Confidence: 0.795016

00:23:35.752 --> 00:23:37.726 we actually met for a summer to

NOTE Confidence: 0.795016

00:23:37.726 --> 00:23:39.178 talk about prevention efforts.

NOTE Confidence: 0.795016

00:23:39.180 --> 00:23:41.148 So then I thought you could

NOTE Confidence: 0.795016

00:23:41.148 --> 00:23:41.804 introduce yourself.

NOTE Confidence: 0.795016

00:23:41.810 --> 00:23:43.466 Say a few words about what you do,

NOTE Confidence: 0.795016

00:23:43.470 --> 00:23:44.730 but there was some news within the

NOTE Confidence: 0.795016

00:23:44.730 --> 00:23:46.158 last hour on lung cancer screening,

NOTE Confidence: 0.795016

00:23:46.160 --> 00:23:47.808 so I did show your first slide show.

NOTE Confidence: 0.795016

00:23:47.810 --> 00:23:48.404 The second slide.

NOTE Confidence: 0.795016

00:23:48.404 --> 00:23:50.090 I can put it up if you want,

NOTE Confidence: 0.795016

00:23:50.090 --> 00:23:51.326 but tell us what's so exciting.

NOTE Confidence: 0.795016

00:23:51.330 --> 00:23:53.122 It's in the New York Times right

NOTE Confidence: 0.795016

00:23:53.122 --> 00:23:54.320 now as we speak.

NOTE Confidence: 0.795016

00:23:54.320 --> 00:23:54.690 OK,

NOTE Confidence: 0.86453956

00:23:54.690 --> 00:23:57.251 so as of 11:00 o'clock this morning,

NOTE Confidence: 0.86453956

00:23:57.251 --> 00:23:58.956 the United States Preventive Services

NOTE Confidence: 0.86453956

00:23:58.956 --> 00:24:00.795 Task Force revised its recommendations

NOTE Confidence: 0.86453956

00:24:00.795 --> 00:24:02.459 for lung cancer screening.

NOTE Confidence: 0.86453956

00:24:02.460 --> 00:24:05.790 So Roy, if you could put up the slide,

NOTE Confidence: 0.86453956

00:24:05.790 --> 00:24:08.747 OK, Paul is going to help me here.

NOTE Confidence: 0.86453956

00:24:08.747 --> 00:24:10.582 And so if you already

NOTE Confidence: 0.86453956

00:24:10.582 --> 00:24:12.450 showed this slide I had,

NOTE Confidence: 0.86453956

00:24:12.450 --> 00:24:14.627 you know that we've been screening on

NOTE Confidence: 0.86453956

00:24:14.627 --> 00:24:16.907 the basis of the eligibility criteria
NOTE Confidence: 0.86453956

00:24:16.907 --> 00:24:19.475 of the national lung screening trial,
NOTE Confidence: 0.86453956

00:24:19.480 --> 00:24:22.690 which occurred back in 2011.
NOTE Confidence: 0.86453956

00:24:22.690 --> 00:24:24.499 Unfortunately CMS dinner.
NOTE Confidence: 0.8483535

00:24:31.550 --> 00:24:34.326 Really, with the help of policy there,
NOTE Confidence: 0.8483535

00:24:34.330 --> 00:24:36.310 who is the nurse coordinator
NOTE Confidence: 0.8483535

00:24:36.310 --> 00:24:37.894 for cancer screening program?
NOTE Confidence: 0.8483535

00:24:37.900 --> 00:24:40.679 We've really taken off an this new
NOTE Confidence: 0.8483535

00:24:40.679 --> 00:24:43.010 recommendation had been out for public
NOTE Confidence: 0.8483535

00:24:43.010 --> 00:24:45.230 comment last summer and there was
NOTE Confidence: 0.8483535

00:24:45.230 --> 00:24:47.828 a great deal of controversy about
NOTE Confidence: 0.8483535

00:24:47.830 --> 00:24:49.396 expanding the eligibility criteria.
NOTE Confidence: 0.8483535

00:24:49.396 --> 00:24:51.652 But the bottom line is after
NOTE Confidence: 0.8483535

00:24:51.652 --> 00:24:53.780 that period of open comment,
NOTE Confidence: 0.8483535

00:24:53.780 --> 00:24:55.766 the new recommendations are to
NOTE Confidence: 0.8483535

00:24:55.766 --> 00:24:58.934 screen people who are ages 50 to 80,

NOTE Confidence: 0.8483535

00:24:58.940 --> 00:25:00.990 so they've decreased the entry

NOTE Confidence: 0.8483535

00:25:00.990 --> 00:25:02.630 age from 55 to.

NOTE Confidence: 0.8483535

00:25:02.630 --> 00:25:05.122 50 and with at least 20 pack

NOTE Confidence: 0.8483535

00:25:05.122 --> 00:25:06.190 years of smoking,

NOTE Confidence: 0.8483535

00:25:06.190 --> 00:25:09.385 and so that was decreased from 30 to 20.

NOTE Confidence: 0.8483535

00:25:09.390 --> 00:25:11.350 And that recommendation really was

NOTE Confidence: 0.8483535

00:25:11.350 --> 00:25:13.674 based on the Nelson screening trial

NOTE Confidence: 0.8483535

00:25:13.674 --> 00:25:16.026 that was done in Europe and this much

NOTE Confidence: 0.8483535

00:25:16.026 --> 00:25:17.859 more aligns with the eligibility

NOTE Confidence: 0.8483535

00:25:17.859 --> 00:25:20.067 for that trial which was broader

NOTE Confidence: 0.8483535

00:25:20.070 --> 00:25:21.850 than the national screening trial.

NOTE Confidence: 0.8483535

00:25:21.850 --> 00:25:24.902 You still have to be currently smoking

NOTE Confidence: 0.8483535

00:25:24.902 --> 00:25:27.842 or have quit within the past 15

NOTE Confidence: 0.8483535

00:25:27.842 --> 00:25:31.010 years which is came out of the NOST.

NOTE Confidence: 0.8483535

00:25:31.010 --> 00:25:33.699 And what that means is that the

NOTE Confidence: 0.8483535

00:25:33.700 --> 00:25:35.684 number of people eligible for

NOTE Confidence: 0.8483535

00:25:35.684 --> 00:25:38.603 lung cancer screening in the US is

NOTE Confidence: 0.8483535

00:25:38.603 --> 00:25:41.366 going to double from about 8 to 9

NOTE Confidence: 0.8483535

00:25:41.366 --> 00:25:44.067 million to 16 to 18 million people,

NOTE Confidence: 0.8483535

00:25:44.070 --> 00:25:47.058 and one of the big push is behind the

NOTE Confidence: 0.8483535

00:25:47.058 --> 00:25:49.438 expansion of the eligibility criteria.

NOTE Confidence: 0.8483535

00:25:49.440 --> 00:25:52.128 Was that both and LST and the

NOTE Confidence: 0.8483535

00:25:52.128 --> 00:25:54.046 Nelson study showed that there

NOTE Confidence: 0.8483535

00:25:54.046 --> 00:25:56.014 was actually benefit for everyone

NOTE Confidence: 0.8483535

00:25:56.014 --> 00:25:58.390 but more benefit for women and

NOTE Confidence: 0.8483535

00:25:58.464 --> 00:26:00.576 for minority groups sent for us,

NOTE Confidence: 0.8483535

00:26:00.580 --> 00:26:02.011 that's you know.

NOTE Confidence: 0.8483535

00:26:02.011 --> 00:26:04.873 People who are African American an

NOTE Confidence: 0.8483535

00:26:04.873 --> 00:26:06.727 there's a lot of debate.

NOTE Confidence: 0.8483535

00:26:06.730 --> 00:26:09.418 Still as to whether women Anne,

NOTE Confidence: 0.8483535

00:26:09.420 --> 00:26:10.758 certain minority groups,

NOTE Confidence: 0.8483535

00:26:10.758 --> 00:26:12.096 including African Americans,

NOTE Confidence: 0.8483535

00:26:12.100 --> 00:26:14.900 are more susceptible to lung.

NOTE Confidence: 0.8483535

00:26:14.900 --> 00:26:16.760 Carcinogenesis from cigarette smoke,

NOTE Confidence: 0.8483535

00:26:16.760 --> 00:26:20.056 but it is clear that those groups

NOTE Confidence: 0.8483535

00:26:20.056 --> 00:26:22.196 benefit more than other groups

NOTE Confidence: 0.8483535

00:26:22.196 --> 00:26:25.093 when you screen them and the whole

NOTE Confidence: 0.8483535

00:26:25.093 --> 00:26:27.307 point of lung cancer screening is

NOTE Confidence: 0.8483535

00:26:27.307 --> 00:26:29.820 to find people early because early

NOTE Confidence: 0.8483535

00:26:29.820 --> 00:26:32.370 detection means better chance of cure.

NOTE Confidence: 0.8483535

00:26:32.370 --> 00:26:34.922 It also lets us have a chance to

NOTE Confidence: 0.8483535

00:26:34.922 --> 00:26:37.433 talk to those people about smoking

NOTE Confidence: 0.8483535

00:26:37.433 --> 00:26:40.115 cessation which is a big part

NOTE Confidence: 0.8483535

00:26:40.198 --> 00:26:42.858 of the decision support visit

NOTE Confidence: 0.8483535

00:26:42.858 --> 00:26:44.986 that's mandatory before every.

NOTE Confidence: 0.8483535

00:26:44.990 --> 00:26:47.048 Before the 1st initial Screening Study,

NOTE Confidence: 0.8483535

00:26:47.050 --> 00:26:50.137 an having had the chance to cover for Poly.
NOTE Confidence: 0.8483535

00:26:50.140 --> 00:26:52.534 Recently, Anne and talk to 8 people.
NOTE Confidence: 0.8483535

00:26:52.540 --> 00:26:54.250 One day about tobacco cessation,
NOTE Confidence: 0.8483535

00:26:54.250 --> 00:26:57.680 an one of them quit on the basis of that,
NOTE Confidence: 0.8483535

00:26:57.680 --> 00:26:59.726 I think that that's a huge
NOTE Confidence: 0.8483535

00:26:59.726 --> 00:27:01.442 opportunity that actually will be
NOTE Confidence: 0.8483535

00:27:01.442 --> 00:27:03.164 expanded as well because of the
NOTE Confidence: 0.8483535

00:27:03.164 --> 00:27:05.230 change in the screening criteria.
NOTE Confidence: 0.8483535

00:27:05.230 --> 00:27:07.288 So we're pretty excited about that.
NOTE Confidence: 0.8483535

00:27:07.290 --> 00:27:10.368 That's going to be a huge amount of work.
NOTE Confidence: 0.8483535

00:27:10.370 --> 00:27:13.114 We have some time before CNS approves that,
NOTE Confidence: 0.8483535

00:27:13.120 --> 00:27:14.830 but CNS will approve it.
NOTE Confidence: 0.8483535

00:27:14.830 --> 00:27:16.012 If USPS TF.
NOTE Confidence: 0.8483535

00:27:16.012 --> 00:27:16.800 Recommended it,
NOTE Confidence: 0.8483535

00:27:16.800 --> 00:27:19.016 so we're going to be gearing up right?
NOTE Confidence: 0.80038095

00:27:19.020 --> 00:27:20.688 Well, listen it all about access

NOTE Confidence: 0.80038095

00:27:20.688 --> 00:27:22.333 then people need to have access

NOTE Confidence: 0.80038095

00:27:22.333 --> 00:27:24.253 to get this done and they have to

NOTE Confidence: 0.80038095

00:27:24.313 --> 00:27:25.968 have insurance or CNS coverage,

NOTE Confidence: 0.80038095

00:27:25.970 --> 00:27:27.916 so hopefully this will help with that.

NOTE Confidence: 0.80038095

00:27:27.920 --> 00:27:30.215 How have we done this past year with Covid

NOTE Confidence: 0.80038095

00:27:30.215 --> 00:27:32.636 we continue to screen a lot of patience.

NOTE Confidence: 0.7934001

00:27:33.480 --> 00:27:34.668 So everything shut

NOTE Confidence: 0.7934001

00:27:34.670 --> 00:27:37.040 down outpatient for a few months,

NOTE Confidence: 0.7934001

00:27:37.040 --> 00:27:39.410 but after that Poly we open

NOTE Confidence: 0.7934001

00:27:39.410 --> 00:27:41.780 screening at Young Haven, doing it,

NOTE Confidence: 0.7934001

00:27:41.780 --> 00:27:44.150 doing the decision support visits remotely,

NOTE Confidence: 0.7934001

00:27:44.150 --> 00:27:47.305 and so we've been meeting across the system

NOTE Confidence: 0.7934001

00:27:47.305 --> 00:27:49.675 with the screening program at Lawrence,

NOTE Confidence: 0.7934001

00:27:49.680 --> 00:27:51.650 which is very well established.

NOTE Confidence: 0.7934001

00:27:51.650 --> 00:27:53.174 Run by Lou Massarelli.

NOTE Confidence: 0.7934001

00:27:53.174 --> 00:27:55.460 Vinny Mazes has got the program
NOTE Confidence: 0.7934001

00:27:55.533 --> 00:27:57.578 at Bridgeport up and running,
NOTE Confidence: 0.7934001

00:27:57.580 --> 00:27:59.160 and there's they're starting
NOTE Confidence: 0.7934001

00:27:59.160 --> 00:28:00.740 to accrue screening population,
NOTE Confidence: 0.7934001

00:28:00.740 --> 00:28:02.320 and Greenwich is still
NOTE Confidence: 0.7934001

00:28:02.320 --> 00:28:03.900 in the planning process,
NOTE Confidence: 0.7934001

00:28:03.900 --> 00:28:06.770 but has a nurse coordinator.
NOTE Confidence: 0.7934001

00:28:06.770 --> 00:28:09.484 And so I think we can standardize something.
NOTE Confidence: 0.7934001

00:28:09.484 --> 00:28:11.860 Some of this is regional specific because
NOTE Confidence: 0.7934001

00:28:11.860 --> 00:28:14.226 of the way that the community practices,
NOTE Confidence: 0.7934001

00:28:14.230 --> 00:28:16.150 but it's been great to actually
NOTE Confidence: 0.7934001

00:28:16.150 --> 00:28:18.212 all get together and talk about
NOTE Confidence: 0.7934001

00:28:18.212 --> 00:28:19.648 what we can standardize,
NOTE Confidence: 0.7934001

00:28:19.650 --> 00:28:21.010 what our goals are,
NOTE Confidence: 0.7934001

00:28:21.010 --> 00:28:23.042 you know, to have the nurse
NOTE Confidence: 0.7934001

00:28:23.042 --> 00:28:24.056 coordinators working together.

NOTE Confidence: 0.7934001

00:28:24.060 --> 00:28:26.700 I think this is really going to accelerate

NOTE Confidence: 0.7934001

00:28:26.700 --> 00:28:28.807 things we've been screening at Yale,

NOTE Confidence: 0.7934001

00:28:28.810 --> 00:28:32.500 New Haven between 4 and 600 people a year.

NOTE Confidence: 0.7934001

00:28:32.500 --> 00:28:34.306 Um and we are working really hard

NOTE Confidence: 0.7934001

00:28:34.306 --> 00:28:36.532 to try to acquire or develop an

NOTE Confidence: 0.7934001

00:28:36.532 --> 00:28:38.272 epic tracking system that will

NOTE Confidence: 0.7934001

00:28:38.272 --> 00:28:40.180 allow us to actually keep track

NOTE Confidence: 0.7934001

00:28:40.180 --> 00:28:41.998 of all these hundreds of people.

NOTE Confidence: 0.7934001

00:28:41.998 --> 00:28:44.224 Actually a couple thousand at this point

NOTE Confidence: 0.7934001

00:28:44.224 --> 00:28:45.978 that we've accumulated and we want

NOTE Confidence: 0.7934001

00:28:45.978 --> 00:28:48.110 to be sure that we follow properly.

NOTE Confidence: 0.81494343

00:28:49.330 --> 00:28:50.330 That's great, you know,

NOTE Confidence: 0.81494343

00:28:50.330 --> 00:28:52.685 as much as we have these new targeted

NOTE Confidence: 0.81494343

00:28:52.685 --> 00:28:53.888 therapies and immunotherapy's

NOTE Confidence: 0.81494343

00:28:53.888 --> 00:28:56.202 preventing lung cancer or catching it

NOTE Confidence: 0.81494343

00:28:56.202 --> 00:28:57.980 early will help so many more people.
NOTE Confidence: 0.81494343

00:28:57.980 --> 00:28:59.525 And actually maze surgery or
NOTE Confidence: 0.81494343

00:28:59.525 --> 00:29:01.070 surgery and then chemo radiation.
NOTE Confidence: 0.81494343

00:29:01.070 --> 00:29:02.342 But first with surgery,
NOTE Confidence: 0.81494343

00:29:02.342 --> 00:29:04.780 tell us a little bit what you do.
NOTE Confidence: 0.81494343

00:29:04.780 --> 00:29:06.508 You're at Bridgeport and actually so
NOTE Confidence: 0.81494343

00:29:06.508 --> 00:29:08.489 you have an amazing screening talk.
NOTE Confidence: 0.81494343

00:29:08.490 --> 00:29:10.398 A few months ago so you
NOTE Confidence: 0.81494343

00:29:10.398 --> 00:29:11.890 obviously doing a lot of
NOTE Confidence: 0.81494343

00:29:11.890 --> 00:29:14.046 it there. Yeah no thanks allot you
NOTE Confidence: 0.81494343

00:29:14.046 --> 00:29:16.524 asked to talk about the Four WS, what,
NOTE Confidence: 0.81494343

00:29:16.524 --> 00:29:18.686 where and why. I'm Vinny, you know,
NOTE Confidence: 0.81494343

00:29:18.686 --> 00:29:21.386 I'm one of the thoracic surgeons, one of 6/2.
NOTE Confidence: 0.81494343

00:29:21.386 --> 00:29:24.592 Soon to be 7 like Dan talked about and I'm
NOTE Confidence: 0.81494343

00:29:24.592 --> 00:29:27.301 the site director for thoracic surgery at
NOTE Confidence: 0.81494343

00:29:27.380 --> 00:29:30.054 the You know Bridgeport Park Ave area.

NOTE Confidence: 0.81494343

00:29:30.060 --> 00:29:32.724 Been on the staff now for three years and

NOTE Confidence: 0.81494343

00:29:32.724 --> 00:29:35.370 really appreciate the opportunity to expand.

NOTE Confidence: 0.81494343

00:29:35.370 --> 00:29:38.082 I think you know one of the exciting

NOTE Confidence: 0.81494343

00:29:38.082 --> 00:29:40.319 things that you you talked about.

NOTE Confidence: 0.81494343

00:29:40.320 --> 00:29:42.434 Roy was. You know it's about,

NOTE Confidence: 0.81494343

00:29:42.434 --> 00:29:44.842 you know, being present and that it

NOTE Confidence: 0.81494343

00:29:44.842 --> 00:29:47.291 takes a village and I think that's

NOTE Confidence: 0.81494343

00:29:47.291 --> 00:29:49.879 one of the things that is exciting.

NOTE Confidence: 0.81494343

00:29:49.880 --> 00:29:51.968 As as we expand.

NOTE Confidence: 0.81494343

00:29:51.970 --> 00:29:53.607 You know at Bridgeport it's

NOTE Confidence: 0.81494343

00:29:53.607 --> 00:29:54.915 understanding the regional differences

NOTE Confidence: 0.81494343

00:29:54.915 --> 00:29:56.550 that Doctor Tanui talked about.

NOTE Confidence: 0.81494343

00:29:56.550 --> 00:29:58.554 But also how do we continue

NOTE Confidence: 0.81494343

00:29:58.554 --> 00:30:00.390 to deliver the same stand?

NOTE Confidence: 0.81494343

00:30:00.390 --> 00:30:02.630 So that the standard of care at

NOTE Confidence: 0.81494343

00:30:02.630 --> 00:30:04.443 Bridgeport Park Ave is exactly the
NOTE Confidence: 0.81494343

00:30:04.443 --> 00:30:06.730 same like it is with in New Haven,
NOTE Confidence: 0.81494343

00:30:06.730 --> 00:30:08.844 New Haven County or at York Street.
NOTE Confidence: 0.81494343

00:30:08.850 --> 00:30:10.964 And that's been a source of many
NOTE Confidence: 0.81494343

00:30:10.964 --> 00:30:12.472 discussions and we, you know,
NOTE Confidence: 0.81494343

00:30:12.472 --> 00:30:13.977 we work to achieve that,
NOTE Confidence: 0.81494343

00:30:13.980 --> 00:30:15.835 and that's one of the exciting things
NOTE Confidence: 0.81494343

00:30:15.835 --> 00:30:18.507 that as we continue to expand at Bridgeport,
NOTE Confidence: 0.81494343

00:30:18.510 --> 00:30:20.322 we're starting to roll out the
NOTE Confidence: 0.81494343

00:30:20.322 --> 00:30:21.530 enhanced recovery after surgery,
NOTE Confidence: 0.81494343

00:30:21.530 --> 00:30:23.336 which was started at York Street.
NOTE Confidence: 0.81494343

00:30:23.340 --> 00:30:25.356 And we're going to start rolling that
NOTE Confidence: 0.81494343

00:30:25.356 --> 00:30:27.517 out at Bridgeport here this summer and
NOTE Confidence: 0.81494343

00:30:27.517 --> 00:30:29.371 the lung cancer screening started off.
NOTE Confidence: 0.81494343

00:30:29.380 --> 00:30:31.468 We started off with a small
NOTE Confidence: 0.81494343

00:30:31.468 --> 00:30:32.860 lung cancer steering committee.

NOTE Confidence: 0.81494343

00:30:32.860 --> 00:30:34.240 Um, about three years ago,

NOTE Confidence: 0.81494343

00:30:34.240 --> 00:30:34.996 and you know,

NOTE Confidence: 0.81494343

00:30:34.996 --> 00:30:37.280 there was about 10 people that were screened,

NOTE Confidence: 0.81494343

00:30:37.280 --> 00:30:39.205 and now we're up to about 100,

NOTE Confidence: 0.81494343

00:30:39.210 --> 00:30:40.967 and there's 160 orders that are currently

NOTE Confidence: 0.81494343

00:30:40.967 --> 00:30:42.800 in place for lung cancer screening,

NOTE Confidence: 0.81494343

00:30:42.800 --> 00:30:44.725 so it's going to grow quite quickly.

NOTE Confidence: 0.795381

00:30:46.410 --> 00:30:47.223 Well, thanks, Vinny,

NOTE Confidence: 0.795381

00:30:47.223 --> 00:30:48.849 and you know the multi modality

NOTE Confidence: 0.795381

00:30:48.849 --> 00:30:50.402 care is so important. Justin white.

NOTE Confidence: 0.795381

00:30:50.402 --> 00:30:52.290 Tell us where you are and why is

NOTE Confidence: 0.795381

00:30:52.348 --> 00:30:53.863 multi modality care so important

NOTE Confidence: 0.795381

00:30:53.863 --> 00:30:55.698 and what is the importance of

NOTE Confidence: 0.795381

00:30:55.698 --> 00:30:57.532 tumor board and and and and all

NOTE Confidence: 0.795381

00:30:57.532 --> 00:30:58.879 working together in this way?

NOTE Confidence: 0.81839705

00:31:01.270 --> 00:31:03.080 Thanks for having me Justin
NOTE Confidence: 0.81839705

00:31:03.080 --> 00:31:04.166 Blasberg thoracic surgery.
NOTE Confidence: 0.81839705

00:31:04.170 --> 00:31:06.954 I work for Vinny and Dan with Vinny
NOTE Confidence: 0.81839705

00:31:06.954 --> 00:31:09.596 and Dan and Fort Vinny and Dan.
NOTE Confidence: 0.81839705

00:31:09.600 --> 00:31:11.766 I. I've been at Greenwich since
NOTE Confidence: 0.81839705

00:31:11.770 --> 00:31:13.576 the beginning of the year,
NOTE Confidence: 0.81839705

00:31:13.576 --> 00:31:15.028 and like Vinny said,
NOTE Confidence: 0.81839705

00:31:15.030 --> 00:31:16.945 we've been working towards bringing
NOTE Confidence: 0.81839705

00:31:16.945 --> 00:31:19.672 our standard of the New Haven campus
NOTE Confidence: 0.81839705

00:31:19.672 --> 00:31:22.262 across the network and Vinny's done a
NOTE Confidence: 0.81839705

00:31:22.262 --> 00:31:24.612 really good job doing that over the
NOTE Confidence: 0.81839705

00:31:24.612 --> 00:31:27.614 past couple of years and my goal at
NOTE Confidence: 0.81839705

00:31:27.614 --> 00:31:30.200 Greenwich is to mirror that success.
NOTE Confidence: 0.81839705

00:31:30.200 --> 00:31:31.385 On all fronts,
NOTE Confidence: 0.81839705

00:31:31.385 --> 00:31:33.365 including an ear *** protocol.
NOTE Confidence: 0.81839705

00:31:33.365 --> 00:31:35.340 Developing lung cancer screening program,

NOTE Confidence: 0.81839705

00:31:35.340 --> 00:31:37.710 bringing robust robotic surgery to Greenwich,

NOTE Confidence: 0.81839705

00:31:37.710 --> 00:31:39.780 which granted already has that

NOTE Confidence: 0.81839705

00:31:39.780 --> 00:31:42.654 capability but will be able to sort

NOTE Confidence: 0.81839705

00:31:42.654 --> 00:31:45.209 of bring our expertise to that campus,

NOTE Confidence: 0.81839705

00:31:45.210 --> 00:31:47.466 which is great for patients and

NOTE Confidence: 0.81839705

00:31:47.466 --> 00:31:49.464 then also our multi disciplinary

NOTE Confidence: 0.81839705

00:31:49.464 --> 00:31:52.404 clinics similar to what we have in

NOTE Confidence: 0.81839705

00:31:52.404 --> 00:31:55.090 this sort of the New Haven campus.

NOTE Confidence: 0.81839705

00:31:55.090 --> 00:31:57.065 There's a critical mass there

NOTE Confidence: 0.81839705

00:31:57.065 --> 00:31:58.250 of thoracic support,

NOTE Confidence: 0.81839705

00:31:58.250 --> 00:32:00.620 both a sunley for medical oncology.

NOTE Confidence: 0.81839705

00:32:00.620 --> 00:32:01.468 Bruce mcgibbon.

NOTE Confidence: 0.81839705

00:32:01.468 --> 00:32:03.588 And others from radiation oncology

NOTE Confidence: 0.81839705

00:32:03.588 --> 00:32:05.717 and an opportunity for us to see

NOTE Confidence: 0.81839705

00:32:05.720 --> 00:32:08.010 patients in a common space and talk

NOTE Confidence: 0.81839705

00:32:08.010 --> 00:32:09.900 about multi multi modal approaches to

NOTE Confidence: 0.81839705

00:32:09.956 --> 00:32:11.771 treating patients with either early

NOTE Confidence: 0.81839705

00:32:11.771 --> 00:32:13.586 stage or local regional disease.

NOTE Confidence: 0.81839705

00:32:13.590 --> 00:32:15.662 And so all of those tools are

NOTE Confidence: 0.81839705

00:32:15.662 --> 00:32:17.350 in place at Greenwich.

NOTE Confidence: 0.81839705

00:32:17.350 --> 00:32:19.000 And it's an exciting opportunity

NOTE Confidence: 0.81839705

00:32:19.000 --> 00:32:21.326 for us to to treat patients there

NOTE Confidence: 0.81839705

00:32:21.326 --> 00:32:23.758 as if they were on the New Haven

NOTE Confidence: 0.81839705

00:32:23.827 --> 00:32:25.897 campus or the Bridgeport campus.

NOTE Confidence: 0.7828566

00:32:26.670 --> 00:32:28.398 But it's amazing. We have surgeons,

NOTE Confidence: 0.7828566

00:32:28.400 --> 00:32:29.775 medical oncologists across all the

NOTE Confidence: 0.7828566

00:32:29.775 --> 00:32:31.570 campuses and of course radiation oncology.

NOTE Confidence: 0.7828566

00:32:31.570 --> 00:32:33.712 And when I call in all radiation

NOTE Confidence: 0.7828566

00:32:33.712 --> 00:32:35.604 oncologist Roy Decker and when I first

NOTE Confidence: 0.7828566

00:32:35.604 --> 00:32:37.981 got here I used to fall asleep at tumor

NOTE Confidence: 0.7828566

00:32:37.981 --> 00:32:40.207 board and they really were you thinking.

NOTE Confidence: 0.7828566

00:32:40.210 --> 00:32:42.219 Oh boy but Fortunately was Leroy Decker.

NOTE Confidence: 0.7828566

00:32:42.220 --> 00:32:44.092 They were asking opinion of so Roy tell

NOTE Confidence: 0.7828566

00:32:44.092 --> 00:32:46.540 us a little bit about radiation oncology.

NOTE Confidence: 0.7828566

00:32:46.540 --> 00:32:47.620 What's exciting new techniques

NOTE Confidence: 0.7828566

00:32:47.620 --> 00:32:49.603 and I know you also have another

NOTE Confidence: 0.7828566

00:32:49.603 --> 00:32:50.859 role in clinical trials.

NOTE Confidence: 0.7828566

00:32:50.860 --> 00:32:52.300 We'll get to that later.

NOTE Confidence: 0.818339

00:32:53.280 --> 00:32:56.291 So I have to say first Thanks, Roy.

NOTE Confidence: 0.818339

00:32:56.291 --> 00:32:59.179 And when Roy and I see each other

NOTE Confidence: 0.818339

00:32:59.179 --> 00:33:02.096 in the hallway we say hi Roy Roy

NOTE Confidence: 0.818339

00:33:02.096 --> 00:33:04.866 and it has not stopped being funny

NOTE Confidence: 0.818339

00:33:04.866 --> 00:33:07.680 yet so I just keeps on going.

NOTE Confidence: 0.818339

00:33:07.680 --> 00:33:09.200 So I'm right Decker.

NOTE Confidence: 0.818339

00:33:09.200 --> 00:33:11.615 I've been here many many years now

NOTE Confidence: 0.818339

00:33:11.615 --> 00:33:14.876 there were two of us Lynn Wilson and I

NOTE Confidence: 0.818339

00:33:14.876 --> 00:33:17.160 were the thoracic radiation oncologist.

NOTE Confidence: 0.818339

00:33:17.160 --> 00:33:19.472 When when top was born and we now

NOTE Confidence: 0.818339

00:33:19.472 --> 00:33:22.178 have a large network of fantastic

NOTE Confidence: 0.818339

00:33:22.178 --> 00:33:24.234 thoracic providers that serve.

NOTE Confidence: 0.818339

00:33:24.240 --> 00:33:25.532 All of our sites,

NOTE Confidence: 0.818339

00:33:25.532 --> 00:33:27.470 and I've recently turned over the

NOTE Confidence: 0.818339

00:33:27.540 --> 00:33:29.264 clinical leadership of thoracic

NOTE Confidence: 0.818339

00:33:29.264 --> 00:33:31.419 radiation oncology to Henry Park

NOTE Confidence: 0.818339

00:33:31.419 --> 00:33:33.570 was not able to be here today,

NOTE Confidence: 0.818339

00:33:33.570 --> 00:33:35.894 but Henry is done really an amazing

NOTE Confidence: 0.818339

00:33:35.894 --> 00:33:38.059 job in creating a cohesive thoracic

NOTE Confidence: 0.818339

00:33:38.059 --> 00:33:40.249 radiation unit that can offer all

NOTE Confidence: 0.818339

00:33:40.249 --> 00:33:43.240 of our new technology and all of our

NOTE Confidence: 0.818339

00:33:43.240 --> 00:33:45.417 exciting treatments at all of our

NOTE Confidence: 0.818339

00:33:45.417 --> 00:33:47.930 sites in in a very uniform fashion.

NOTE Confidence: 0.818339

00:33:47.930 --> 00:33:53.280 And so I give him a lot of credit for that.

NOTE Confidence: 0.818339

00:33:53.280 --> 00:33:55.656 I am very excited to work with this

NOTE Confidence: 0.818339

00:33:55.656 --> 00:33:58.022 group and and and I always have been

NOTE Confidence: 0.818339

00:33:58.022 --> 00:34:00.193 and it has grown so amazingly over

NOTE Confidence: 0.818339

00:34:00.193 --> 00:34:02.765 the last decade or more that it quite

NOTE Confidence: 0.818339

00:34:02.765 --> 00:34:05.205 honestly it's it's difficult to keep up with.

NOTE Confidence: 0.818339

00:34:05.210 --> 00:34:07.359 I remember we used to have discussions

NOTE Confidence: 0.818339

00:34:07.359 --> 00:34:09.797 about what day the rest that clinic was,

NOTE Confidence: 0.818339

00:34:09.800 --> 00:34:11.996 and I believe we are now a five day

NOTE Confidence: 0.818339

00:34:11.996 --> 00:34:14.389 week operation so it's pretty exciting.

NOTE Confidence: 0.8352568

00:34:15.310 --> 00:34:17.050 Right, one of these protons I

NOTE Confidence: 0.8352568

00:34:17.050 --> 00:34:19.062 hear about it carbon and everyone

NOTE Confidence: 0.8352568

00:34:19.062 --> 00:34:20.646 wants the newest techniques.

NOTE Confidence: 0.8352568

00:34:20.650 --> 00:34:22.630 Are we moving towards any of

NOTE Confidence: 0.8352568

00:34:22.630 --> 00:34:24.659 those and are they better or

NOTE Confidence: 0.8352568

00:34:24.660 --> 00:34:25.996 do they need studies?

NOTE Confidence: 0.8352568

00:34:25.996 --> 00:34:28.444 Yeah, so so we are moving forward with
NOTE Confidence: 0.8352568

00:34:28.444 --> 00:34:31.028 a couple of new technologies so we are
NOTE Confidence: 0.8352568

00:34:31.028 --> 00:34:33.802 hoping to build a or planning to build
NOTE Confidence: 0.8352568

00:34:33.802 --> 00:34:38.290 a proton center that will serve our network.
NOTE Confidence: 0.8352568

00:34:38.290 --> 00:34:41.930 It will be a smaller proton unit,
NOTE Confidence: 0.8352568

00:34:41.930 --> 00:34:45.570 but it may benefit some of our
NOTE Confidence: 0.8352568

00:34:45.570 --> 00:34:47.130 lung cancer patients.
NOTE Confidence: 0.8352568

00:34:47.130 --> 00:34:51.450 So far, trials have not shown.
NOTE Confidence: 0.8352568

00:34:51.450 --> 00:34:53.986 A huge benefit to protons in lung cancer,
NOTE Confidence: 0.8352568

00:34:53.990 --> 00:34:55.886 at least not for all patients.
NOTE Confidence: 0.8352568

00:34:55.890 --> 00:34:58.186 But we think there may be a subset
NOTE Confidence: 0.8352568

00:34:58.186 --> 00:35:00.009 of patients that could benefit,
NOTE Confidence: 0.8352568

00:35:00.010 --> 00:35:01.590 and this is, you know,
NOTE Confidence: 0.8352568

00:35:01.590 --> 00:35:03.040 this is an enormous investment
NOTE Confidence: 0.8352568

00:35:03.040 --> 00:35:05.244 on the part of the hospital and
NOTE Confidence: 0.8352568

00:35:05.244 --> 00:35:06.974 and several of our partners,

NOTE Confidence: 0.8352568

00:35:06.980 --> 00:35:09.833 and we're excited to to to watch it grow.

NOTE Confidence: 0.8352568

00:35:09.840 --> 00:35:11.700 It's probably going to be 2

NOTE Confidence: 0.8352568

00:35:11.700 --> 00:35:13.639 years before we treat a patient.

NOTE Confidence: 0.8352568

00:35:13.640 --> 00:35:14.358 You know,

NOTE Confidence: 0.8352568

00:35:14.358 --> 00:35:16.153 we're also exploring other new

NOTE Confidence: 0.8352568

00:35:16.153 --> 00:35:17.569 technologies like biologically guided

NOTE Confidence: 0.8352568

00:35:17.569 --> 00:35:19.267 radiation therapy that will be very

NOTE Confidence: 0.8352568

00:35:19.267 --> 00:35:21.537 useful in the treatment of patients with.

NOTE Confidence: 0.8352568

00:35:21.540 --> 00:35:23.490 Metastatic disease so you know.

NOTE Confidence: 0.8352568

00:35:23.490 --> 00:35:23.880 Honestly,

NOTE Confidence: 0.8352568

00:35:23.880 --> 00:35:26.610 there's still exciting things coming from us.

NOTE Confidence: 0.80467445

00:35:27.440 --> 00:35:29.006 An excellent well let's let's take

NOTE Confidence: 0.80467445

00:35:29.006 --> 00:35:30.988 a little bit of a different tack.

NOTE Confidence: 0.80467445

00:35:30.990 --> 00:35:32.964 I'm going to get everyone but Katie

NOTE Confidence: 0.80467445

00:35:32.964 --> 00:35:34.579 Poletti know one of the reasons

NOTE Confidence: 0.80467445

00:35:34.579 --> 00:35:36.592 why I think were so strong on this
NOTE Confidence: 0.80467445

00:35:36.592 --> 00:35:38.314 long program with spores and stand
NOTE Confidence: 0.80467445

00:35:38.314 --> 00:35:40.256 up for cancer grants and more are
NOTE Confidence: 0.80467445

00:35:40.256 --> 00:35:42.459 ones that I can even count to press.
NOTE Confidence: 0.80467445

00:35:42.460 --> 00:35:44.301 Katie, you've been here over 10 years
NOTE Confidence: 0.80467445

00:35:44.301 --> 00:35:45.998 and really has formed the basis.
NOTE Confidence: 0.80467445

00:35:46.000 --> 00:35:47.687 You know with many other scientists but
NOTE Confidence: 0.80467445

00:35:47.687 --> 00:35:50.100 but is now our scientific Director and Katie,
NOTE Confidence: 0.80467445

00:35:50.100 --> 00:35:51.465 we've really seen the science
NOTE Confidence: 0.80467445

00:35:51.465 --> 00:35:52.557 of lung cancer grow.
NOTE Confidence: 0.80467445

00:35:52.560 --> 00:35:54.387 I know when when I went into
NOTE Confidence: 0.80467445

00:35:54.387 --> 00:35:55.829 this field 2025 years ago,
NOTE Confidence: 0.80467445

00:35:55.830 --> 00:35:58.295 no one wanted to work in this field, but.
NOTE Confidence: 0.80467445

00:35:58.295 --> 00:35:59.395 Anything, breakthroughs and only
NOTE Confidence: 0.80467445

00:35:59.395 --> 00:36:01.220 we only have a few minutes,
NOTE Confidence: 0.80467445

00:36:01.220 --> 00:36:02.708 but what's exciting about the science

NOTE Confidence: 0.80467445

00:36:02.708 --> 00:36:04.645 and how are you working to bring the

NOTE Confidence: 0.80467445

00:36:04.645 --> 00:36:06.530 science from the lab to the clinic and

NOTE Confidence: 0.80467445

00:36:06.530 --> 00:36:08.474 in your role as the basic science leader?

NOTE Confidence: 0.84002584

00:36:09.620 --> 00:36:13.240 Yes, thank you very much Roy. So I'm Katie

NOTE Confidence: 0.84002584

00:36:13.240 --> 00:36:15.155 politi. I'm a cancer biologist

NOTE Confidence: 0.84002584

00:36:15.155 --> 00:36:17.938 and have been at Yale for almost

NOTE Confidence: 0.84002584

00:36:17.938 --> 00:36:20.717 11 years now in the Department of

NOTE Confidence: 0.84002584

00:36:20.717 --> 00:36:22.888 Pathology and a medical oncology,

NOTE Confidence: 0.84002584

00:36:22.890 --> 00:36:24.900 and my laboratory focuses on

NOTE Confidence: 0.84002584

00:36:24.900 --> 00:36:26.106 understanding mechanisms of

NOTE Confidence: 0.84002584

00:36:26.106 --> 00:36:27.311 tumor initiation, progression,

NOTE Confidence: 0.84002584

00:36:27.311 --> 00:36:29.717 and the biology of lung cancer,

NOTE Confidence: 0.84002584

00:36:29.720 --> 00:36:31.440 as well as understanding

NOTE Confidence: 0.84002584

00:36:31.440 --> 00:36:33.160 sensitivity and resistance to

NOTE Confidence: 0.84002584

00:36:33.160 --> 00:36:34.948 different therapies in the disease.

NOTE Confidence: 0.84002584

00:36:34.950 --> 00:36:38.480 And I think that there are a lot of amazing

NOTE Confidence: 0.84002584

00:36:38.570 --> 00:36:41.450 things that we have seen developed.

NOTE Confidence: 0.84002584

00:36:41.450 --> 00:36:43.958 Over the years in lung cancer,

NOTE Confidence: 0.84002584

00:36:43.960 --> 00:36:46.050 an really here at Yale,

NOTE Confidence: 0.84002584

00:36:46.050 --> 00:36:48.768 we have amazing science that is

NOTE Confidence: 0.84002584

00:36:48.768 --> 00:36:51.073 happening in these different areas

NOTE Confidence: 0.84002584

00:36:51.073 --> 00:36:53.563 that are really making a difference

NOTE Confidence: 0.84002584

00:36:53.563 --> 00:36:56.738 in taking our findings in the lab and

NOTE Confidence: 0.84002584

00:36:56.738 --> 00:36:59.424 moving them to the clinic and then

NOTE Confidence: 0.84002584

00:36:59.424 --> 00:37:02.343 taking them into the community as well.

NOTE Confidence: 0.84002584

00:37:02.350 --> 00:37:04.858 And that goes from the identification

NOTE Confidence: 0.84002584

00:37:04.858 --> 00:37:07.853 of new targets for lung cancer therapy,

NOTE Confidence: 0.84002584

00:37:07.853 --> 00:37:10.268 whether they be targets that

NOTE Confidence: 0.84002584

00:37:10.268 --> 00:37:12.200 are inside the cell.

NOTE Confidence: 0.84002584

00:37:12.200 --> 00:37:13.361 The cancer cell,

NOTE Confidence: 0.84002584

00:37:13.361 --> 00:37:15.296 like EGF receptor for example,

NOTE Confidence: 0.84002584

00:37:15.300 --> 00:37:16.848 another oncogenic drivers or

NOTE Confidence: 0.84002584

00:37:16.848 --> 00:37:19.170 carcass for example in the cell,

NOTE Confidence: 0.84002584

00:37:19.170 --> 00:37:21.879 but also that are tumor cell extrinsic.

NOTE Confidence: 0.84002584

00:37:21.880 --> 00:37:24.185 So targets in the micro

NOTE Confidence: 0.84002584

00:37:24.185 --> 00:37:26.029 environment and we have.

NOTE Confidence: 0.84002584

00:37:26.030 --> 00:37:29.438 You heard about this new next cure trial,

NOTE Confidence: 0.84002584

00:37:29.440 --> 00:37:31.144 for example, from Roy.

NOTE Confidence: 0.84002584

00:37:31.144 --> 00:37:33.660 That is an example of that.

NOTE Confidence: 0.84002584

00:37:33.660 --> 00:37:36.495 We also have a lot of groundbreaking

NOTE Confidence: 0.84002584

00:37:36.495 --> 00:37:38.808 studies in modeling lung cancer,

NOTE Confidence: 0.84002584

00:37:38.810 --> 00:37:41.650 so developing new and better models to

NOTE Confidence: 0.84002584

00:37:41.650 --> 00:37:44.490 study the biology of lung cancer and to

NOTE Confidence: 0.84002584

00:37:44.568 --> 00:37:47.760 study sensitivity and resistance to therapy.

NOTE Confidence: 0.84002584

00:37:47.760 --> 00:37:48.610 And again,

NOTE Confidence: 0.84002584

00:37:48.610 --> 00:37:51.160 this goes from really developing refined,

NOTE Confidence: 0.84002584

00:37:51.160 --> 00:37:52.868 genetically engineered mouse models,
NOTE Confidence: 0.84002584

00:37:52.870 --> 00:37:53.722 for example,
NOTE Confidence: 0.84002584

00:37:53.722 --> 00:37:56.420 that can be used to study.
NOTE Confidence: 0.84002584

00:37:56.420 --> 00:37:57.298 For example,
NOTE Confidence: 0.84002584

00:37:57.298 --> 00:37:59.054 the immune interactions between
NOTE Confidence: 0.84002584

00:37:59.054 --> 00:38:01.270 cancer cells and immune cells,
NOTE Confidence: 0.84002584

00:38:01.270 --> 00:38:03.922 with some of the pioneering work
NOTE Confidence: 0.84002584

00:38:03.922 --> 00:38:06.120 from various different groups here,
NOTE Confidence: 0.84002584

00:38:06.120 --> 00:38:08.856 like Nick Joshi like Leaping Chan
NOTE Confidence: 0.84002584

00:38:08.856 --> 00:38:11.179 like Richard Flavell and others
NOTE Confidence: 0.84002584

00:38:11.179 --> 00:38:13.681 and also then to the development
NOTE Confidence: 0.84002584

00:38:13.681 --> 00:38:14.932 of models that
NOTE Confidence: 0.8093508

00:38:14.940 --> 00:38:17.150 can be used to really
NOTE Confidence: 0.8093508

00:38:17.150 --> 00:38:19.350 study the disease in patients.
NOTE Confidence: 0.8093508

00:38:19.350 --> 00:38:21.558 So patients arrived models where
NOTE Confidence: 0.8093508

00:38:21.558 --> 00:38:24.186 we can really study what is

NOTE Confidence: 0.8093508

00:38:24.186 --> 00:38:26.679 happening in those human tumors.

NOTE Confidence: 0.8093508

00:38:26.680 --> 00:38:28.460 And understand the biology of

NOTE Confidence: 0.8093508

00:38:28.460 --> 00:38:30.240 the disease in those contexts,

NOTE Confidence: 0.8093508

00:38:30.240 --> 00:38:32.372 and so with these different models,

NOTE Confidence: 0.8093508

00:38:32.372 --> 00:38:34.610 we can leverage them then to

NOTE Confidence: 0.8093508

00:38:34.610 --> 00:38:36.114 study mechanisms of sensitivity

NOTE Confidence: 0.8093508

00:38:36.114 --> 00:38:38.098 and of resistance to therapy and

NOTE Confidence: 0.8093508

00:38:38.098 --> 00:38:40.446 really get to some of these very

NOTE Confidence: 0.8093508

00:38:40.446 --> 00:38:42.296 difficult issues that are being

NOTE Confidence: 0.8093508

00:38:42.296 --> 00:38:44.481 faced by patients in the clinic.

NOTE Confidence: 0.8093508

00:38:44.481 --> 00:38:47.392 And so I think that those are just

NOTE Confidence: 0.8093508

00:38:47.392 --> 00:38:50.029 some examples of areas and things of

NOTE Confidence: 0.8093508

00:38:50.029 --> 00:38:52.304 work that is ongoing here at Yale,

NOTE Confidence: 0.8093508

00:38:52.310 --> 00:38:54.242 and I think this is a great

NOTE Confidence: 0.8093508

00:38:54.242 --> 00:38:56.353 place to really bring together

NOTE Confidence: 0.8093508

00:38:56.353 --> 00:38:58.168 this multidisciplinary research.
NOTE Confidence: 0.8093508

00:38:58.170 --> 00:38:59.620 Because of the really good
NOTE Confidence: 0.8093508

00:38:59.620 --> 00:39:02.028 size that we have of Yale.
NOTE Confidence: 0.8093508

00:39:02.028 --> 00:39:04.770 So at Yale where we have.
NOTE Confidence: 0.8093508

00:39:04.770 --> 00:39:06.550 The big clinical enterprise,
NOTE Confidence: 0.8093508

00:39:06.550 --> 00:39:07.886 but it's very,
NOTE Confidence: 0.8093508

00:39:07.886 --> 00:39:10.074 very connected also to the
NOTE Confidence: 0.8093508

00:39:10.074 --> 00:39:10.882 scientific enterprise,
NOTE Confidence: 0.8093508

00:39:10.882 --> 00:39:13.710 and so this is a really remarkable
NOTE Confidence: 0.8093508

00:39:13.783 --> 00:39:16.268 opportunity to bring everybody together
NOTE Confidence: 0.8093508

00:39:16.268 --> 00:39:18.753 and leverage the the infrastructure
NOTE Confidence: 0.8093508

00:39:18.824 --> 00:39:20.795 that is being developed through
NOTE Confidence: 0.8093508

00:39:20.795 --> 00:39:23.460 resources like this for for example,
NOTE Confidence: 0.8093508

00:39:23.460 --> 00:39:25.240 other projects that are
NOTE Confidence: 0.8093508

00:39:25.240 --> 00:39:27.020 happening here at Yale.
NOTE Confidence: 0.8093508

00:39:27.020 --> 00:39:28.756 Like the Generations Project,

NOTE Confidence: 0.8093508

00:39:28.756 --> 00:39:30.926 which is focused on germline

NOTE Confidence: 0.8093508

00:39:30.926 --> 00:39:32.808 sequencing in people individuals.

NOTE Confidence: 0.8093508

00:39:32.810 --> 00:39:35.924 For example the development of models

NOTE Confidence: 0.8093508

00:39:35.924 --> 00:39:38.000 and bringing these altogether.

NOTE Confidence: 0.8093508

00:39:38.000 --> 00:39:39.620 We're going to really work

NOTE Confidence: 0.8093508

00:39:39.620 --> 00:39:41.644 hard to leverage that and bring

NOTE Confidence: 0.8093508

00:39:41.644 --> 00:39:43.309 the science to the clinic.

NOTE Confidence: 0.8319545

00:39:46.230 --> 00:39:48.456 Thanks Katie, it's great to have

NOTE Confidence: 0.8319545

00:39:48.456 --> 00:39:50.730 worked with you and all of us.

NOTE Confidence: 0.8319545

00:39:50.730 --> 00:39:51.759 I appreciate that.

NOTE Confidence: 0.8319545

00:39:51.759 --> 00:39:53.817 But now we're going to really

NOTE Confidence: 0.8319545

00:39:53.817 --> 00:39:55.228 transform things even more.

NOTE Confidence: 0.8319545

00:39:55.230 --> 00:39:56.955 Scott Scott's just up from

NOTE Confidence: 0.8319545

00:39:56.955 --> 00:39:58.335 clinic I talked about.

NOTE Confidence: 0.8319545

00:39:58.340 --> 00:40:00.320 You already tell us about.

NOTE Confidence: 0.8319545

00:40:00.320 --> 00:40:02.180 You're here and how long
NOTE Confidence: 0.8319545

00:40:02.180 --> 00:40:04.040 are you at your now?
NOTE Confidence: 0.8319545

00:40:04.040 --> 00:40:06.760 You're on the screen. I've
NOTE Confidence: 0.8420241

00:40:06.760 --> 00:40:09.119 been here longer than most of you,
NOTE Confidence: 0.8420241

00:40:09.120 --> 00:40:10.477 Lynn's been here longer,
NOTE Confidence: 0.8420241

00:40:10.477 --> 00:40:12.162 but over over 15 years,
NOTE Confidence: 0.8420241

00:40:12.162 --> 00:40:13.860 and I've certainly seen dramatic
NOTE Confidence: 0.8420241

00:40:13.860 --> 00:40:16.950 change in our loan program.
NOTE Confidence: 0.8420241

00:40:16.950 --> 00:40:18.528 Great, now is that everyone
NOTE Confidence: 0.82667166

00:40:18.530 --> 00:40:20.105 sort of come together and
NOTE Confidence: 0.82667166

00:40:20.105 --> 00:40:21.363 then it's raster program.
NOTE Confidence: 0.82667166

00:40:21.363 --> 00:40:23.565 I think we're great model for other
NOTE Confidence: 0.82667166

00:40:23.565 --> 00:40:25.460 cancer groups because we have basic
NOTE Confidence: 0.82667166

00:40:25.460 --> 00:40:27.030 scientists are working with us.
NOTE Confidence: 0.82667166

00:40:27.030 --> 00:40:28.922 We have clinicians. We have things.
NOTE Confidence: 0.82667166

00:40:28.922 --> 00:40:31.125 We have all sorts of people working

NOTE Confidence: 0.82667166

00:40:31.125 --> 00:40:33.550 on the same same projects for me.

NOTE Confidence: 0.82667166

00:40:33.550 --> 00:40:35.675 My problem, my primary responsibility

NOTE Confidence: 0.82667166

00:40:35.680 --> 00:40:37.736 is treating my patients and we

NOTE Confidence: 0.82667166

00:40:37.736 --> 00:40:39.788 certainly have a good amount of

NOTE Confidence: 0.82667166

00:40:39.788 --> 00:40:41.492 patience and my second responsibility

NOTE Confidence: 0.82667166

00:40:41.492 --> 00:40:44.230 is to learn from my patients and to

NOTE Confidence: 0.82667166

00:40:44.230 --> 00:40:46.275 try to understand who responds and

NOTE Confidence: 0.82667166

00:40:46.275 --> 00:40:48.679 who doesn't respond so we can extend

NOTE Confidence: 0.82667166

00:40:48.680 --> 00:40:50.729 responses to all of our patients

NOTE Confidence: 0.8129268

00:40:50.730 --> 00:40:54.144 and for me, I do this with all of you

NOTE Confidence: 0.8129268

00:40:54.144 --> 00:40:55.854 and primarily with Katie Palladian.

NOTE Confidence: 0.8129268

00:40:55.854 --> 00:40:58.593 I we have a protocol where we we

NOTE Confidence: 0.8129268

00:40:58.593 --> 00:41:00.306 aggressively biopsy patients their tumors,

NOTE Confidence: 0.8129268

00:41:00.306 --> 00:41:02.010 their blood sites of toxicity,

NOTE Confidence: 0.8129268

00:41:02.010 --> 00:41:03.462 surrender stand. Who's responding?

NOTE Confidence: 0.8129268

00:41:03.462 --> 00:41:04.914 Why someone gets the
NOTE Confidence: 0.8129268

00:41:04.914 --> 00:41:06.399 toxicity to improve upon.
NOTE Confidence: 0.8129268

00:41:06.400 --> 00:41:07.932 What we have now and.
NOTE Confidence: 0.8129268

00:41:07.932 --> 00:41:10.721 I can tell you that from we have
NOTE Confidence: 0.8129268

00:41:10.721 --> 00:41:12.226 patients from early trials who
NOTE Confidence: 0.8129268

00:41:12.226 --> 00:41:14.051 are doing incredibly well now with
NOTE Confidence: 0.8129268

00:41:14.051 --> 00:41:15.481 immunotherapy's 10 years and plus
NOTE Confidence: 0.8129268

00:41:15.481 --> 00:41:17.473 how some people have never heard of.
NOTE Confidence: 0.8129268

00:41:17.473 --> 00:41:19.525 So my focus right now is to
NOTE Confidence: 0.8129268

00:41:19.525 --> 00:41:20.404 understand those patients.
NOTE Confidence: 0.8129268

00:41:20.410 --> 00:41:22.468 Why does a patient who has a
NOTE Confidence: 0.8129268

00:41:22.470 --> 00:41:24.240 prognosis of three months live 10
NOTE Confidence: 0.809984

00:41:24.240 --> 00:41:25.998 years without any evidence of disease,
NOTE Confidence: 0.809984

00:41:26.000 --> 00:41:27.470 and hopefully another 1020 years?
NOTE Confidence: 0.809984

00:41:27.470 --> 00:41:29.820 Why can't we do that for all of
NOTE Confidence: 0.809984

00:41:29.820 --> 00:41:31.590 our patients and with the help

NOTE Confidence: 0.809984
00:41:31.590 --> 00:41:33.060 of Katie and everyone else,
NOTE Confidence: 0.809984
00:41:33.060 --> 00:41:36.000 we're trying to get to that let me ask you,
NOTE Confidence: 0.809984
00:41:36.000 --> 00:41:37.470 you've been here. You recruited,
NOTE Confidence: 0.809984
00:41:37.470 --> 00:41:38.662 probably Wilson was director.
NOTE Confidence: 0.809984
00:41:38.662 --> 00:41:39.556 Eddie Chu yeah.
NOTE Confidence: 0.809984
00:41:39.560 --> 00:41:42.071 So tell me how did you get that first
NOTE Confidence: 0.809984
00:41:42.071 --> 00:41:44.475 trial with Nivo Map was a trial that was
NOTE Confidence: 0.809984
00:41:44.475 --> 00:41:46.376 being run with Mario tells the story.
NOTE Confidence: 0.809984
00:41:46.380 --> 00:41:47.512 It's pretty exciting, no.
NOTE Confidence: 0.809984
00:41:47.512 --> 00:41:50.209 So so I have my office is no Hall with
NOTE Confidence: 0.809984
00:41:50.209 --> 00:41:52.390 Mario Show who's really a giant when it
NOTE Confidence: 0.76924354
00:41:52.390 --> 00:41:54.022 comes to immuno therapies for cancer
NOTE Confidence: 0.76924354
00:41:54.022 --> 00:41:56.468 and he one day just knocked on my door.
NOTE Confidence: 0.76924354
00:41:56.468 --> 00:41:58.330 Since I got this trial of this
NOTE Confidence: 0.76924354
00:41:58.396 --> 00:42:00.546 drug MDX 1106 and I said what is
NOTE Confidence: 0.76924354

00:42:00.546 --> 00:42:02.094 it Mario 'cause we certainly need
NOTE Confidence: 0.76924354

00:42:02.094 --> 00:42:03.856 things for our patients, he said.
NOTE Confidence: 0.76924354

00:42:03.856 --> 00:42:05.767 It's an immunotherapy and I said Mario,
NOTE Confidence: 0.76924354

00:42:05.770 --> 00:42:06.584 don't you know?
NOTE Confidence: 0.76924354

00:42:06.584 --> 00:42:08.224 Immunotherapy doesn't work for lung cancer?
NOTE Confidence: 0.76924354

00:42:08.224 --> 00:42:09.320 We've been doing it
NOTE Confidence: 0.81749344

00:42:09.320 --> 00:42:11.640 for decades. All the trials are negative and
NOTE Confidence: 0.83357674

00:42:11.640 --> 00:42:13.260 Mary said just just believe me,
NOTE Confidence: 0.83357674

00:42:13.260 --> 00:42:14.064 just try this.
NOTE Confidence: 0.83357674

00:42:14.064 --> 00:42:15.410 A different type of immunotherapy.
NOTE Confidence: 0.83357674

00:42:15.410 --> 00:42:17.212 So we put a few patients on
NOTE Confidence: 0.83357674

00:42:17.212 --> 00:42:18.568 trial and the first thing I
NOTE Confidence: 0.83357674

00:42:18.568 --> 00:42:20.061 noticed was that these patients
NOTE Confidence: 0.83357674

00:42:20.061 --> 00:42:21.057 were tolerating therapies
NOTE Confidence: 0.83357674

00:42:21.060 --> 00:42:22.140 incredibly well. Most of
NOTE Confidence: 0.83357674

00:42:22.140 --> 00:42:23.208 patients back then were

NOTE Confidence: 0.83357674

00:42:23.210 --> 00:42:24.560 going on phase one trials,

NOTE Confidence: 0.83357674

00:42:24.560 --> 00:42:25.632 which were very harsh.

NOTE Confidence: 0.83357674

00:42:25.632 --> 00:42:26.704 You know combinations of

NOTE Confidence: 0.83357674

00:42:26.710 --> 00:42:27.778 chemotherapy and targeted therapies.

NOTE Confidence: 0.83357674

00:42:27.780 --> 00:42:29.125 The first thing these patients

NOTE Confidence: 0.83357674

00:42:29.125 --> 00:42:30.470 really where we're having detriment

NOTE Confidence: 0.83357674

00:42:30.470 --> 00:42:31.820 in their quality of life.

NOTE Confidence: 0.83357674

00:42:31.820 --> 00:42:33.698 And then we started seeing the responses.

NOTE Confidence: 0.83357674

00:42:33.700 --> 00:42:35.584 That was about 10 years ago and

NOTE Confidence: 0.83357674

00:42:35.584 --> 00:42:37.200 we still a patient from that

NOTE Confidence: 0.83357674

00:42:37.200 --> 00:42:38.280 first trial who are

NOTE Confidence: 0.83357674

00:42:38.280 --> 00:42:39.888 doing well after finishing their course

NOTE Confidence: 0.83357674

00:42:39.888 --> 00:42:42.082 of therapy over a year or two now.

NOTE Confidence: 0.83357674

00:42:42.082 --> 00:42:42.910 8-9 years later,

NOTE Confidence: 0.83357674

00:42:42.910 --> 00:42:44.210 without any evidence of cancer,

NOTE Confidence: 0.83357674

00:42:44.210 --> 00:42:45.770 so I attribute that to Mario,
NOTE Confidence: 0.83357674

00:42:45.770 --> 00:42:46.550 who introduced me.
NOTE Confidence: 0.83357674

00:42:46.550 --> 00:42:48.110 And then from there it was
NOTE Confidence: 0.83357674

00:42:48.110 --> 00:42:49.410 easy with what we needed
NOTE Confidence: 0.8553558

00:42:49.410 --> 00:42:51.370 to do. I still remember going to Scott's
NOTE Confidence: 0.8553558

00:42:51.370 --> 00:42:53.047 office when I was interviewing here.
NOTE Confidence: 0.8553558

00:42:53.050 --> 00:42:57.127 Can you show me some of those films and?
NOTE Confidence: 0.8553558

00:42:57.130 --> 00:42:58.255 Again, they were not doing
NOTE Confidence: 0.8553558

00:42:58.255 --> 00:42:59.155 this at MD Anderson.
NOTE Confidence: 0.8553558

00:42:59.160 --> 00:43:01.584 They were not doing this at memorial back.
NOTE Confidence: 0.8553558

00:43:01.590 --> 00:43:04.020 Bring it here to my board every every week.
NOTE Confidence: 0.8553558

00:43:04.020 --> 00:43:05.370 We have a tumor board.
NOTE Confidence: 0.8553558

00:43:05.370 --> 00:43:07.800 We probably need more of them as we expand.
NOTE Confidence: 0.8553558

00:43:07.800 --> 00:43:09.135 We look at radio radiology
NOTE Confidence: 0.8553558

00:43:09.135 --> 00:43:11.040 Isabel so you have a hard job.
NOTE Confidence: 0.8553558

00:43:11.040 --> 00:43:13.080 In fact, we hit you with like 20

NOTE Confidence: 0.8553558

00:43:13.080 --> 00:43:15.151 cases on a Friday and you have to

NOTE Confidence: 0.8553558

00:43:15.151 --> 00:43:17.520 look at all the films on the weekend.

NOTE Confidence: 0.8553558

00:43:17.520 --> 00:43:19.116 You and your team tell us

NOTE Confidence: 0.8553558

00:43:19.116 --> 00:43:20.760 a little bit who you are,

NOTE Confidence: 0.8553558

00:43:20.760 --> 00:43:23.336 what you do and tell us about

NOTE Confidence: 0.8553558

00:43:23.336 --> 00:43:25.070 radiology in lung cancer.

NOTE Confidence: 0.8553558

00:43:25.070 --> 00:43:25.440 Thank

NOTE Confidence: 0.7707566

00:43:25.440 --> 00:43:27.270 you for having me here.

NOTE Confidence: 0.7707566

00:43:27.270 --> 00:43:29.096 I miss about quarter past.

NOTE Confidence: 0.7707566

00:43:29.096 --> 00:43:31.292 See, I've the section chief of

NOTE Confidence: 0.7707566

00:43:31.292 --> 00:43:33.120 Thoracic Imaging here at Yale.

NOTE Confidence: 0.7707566

00:43:33.120 --> 00:43:35.317 First started here in 2010 when

NOTE Confidence: 0.7707566

00:43:35.317 --> 00:43:37.515 when working with Lee and Anne

NOTE Confidence: 0.7707566

00:43:37.515 --> 00:43:39.705 Frank back then with Amanda and.

NOTE Confidence: 0.82436866

00:43:40.320 --> 00:43:42.408 Trying to do the first cases

NOTE Confidence: 0.82436866

00:43:42.410 --> 00:43:43.798 of lung cancer screening,
NOTE Confidence: 0.82436866

00:43:43.798 --> 00:43:45.538 there was challenging, so I
NOTE Confidence: 0.82436866

00:43:45.540 --> 00:43:47.976 think we have been involved in all
NOTE Confidence: 0.82436866

00:43:47.976 --> 00:43:50.061 aspects in terms of thoracic malignancies,
NOTE Confidence: 0.82436866

00:43:50.061 --> 00:43:52.148 from screening to assessment of treatment.
NOTE Confidence: 0.82436866

00:43:52.148 --> 00:43:54.584 We work closely together with laying with
NOTE Confidence: 0.82436866

00:43:54.584 --> 00:43:57.022 the surgeons with Frank on their screening.
NOTE Confidence: 0.82436866

00:43:57.022 --> 00:43:59.112 We provide the reports in a
NOTE Confidence: 0.82436866

00:43:59.112 --> 00:44:00.848 way that can help declination
NOTE Confidence: 0.82436866

00:44:00.848 --> 00:44:02.583 with the lung RADS evaluation.
NOTE Confidence: 0.82436866

00:44:02.590 --> 00:44:04.680 We also have worked a lot
NOTE Confidence: 0.82436866

00:44:04.680 --> 00:44:05.718 on incidental findings
NOTE Confidence: 0.82436866

00:44:05.720 --> 00:44:07.808 which was a big problem when
NOTE Confidence: 0.82436866

00:44:07.808 --> 00:44:09.200 you first start scanning.
NOTE Confidence: 0.82436866

00:44:09.200 --> 00:44:12.430 A lot of people you see all the other
NOTE Confidence: 0.82436866

00:44:12.430 --> 00:44:14.405 things thyroid nodule adrenal nodule.

NOTE Confidence: 0.82436866

00:44:14.410 --> 00:44:17.280 Coronary calcium and what to do with those?

NOTE Confidence: 0.82436866

00:44:17.280 --> 00:44:19.440 So we try to implement that

NOTE Confidence: 0.82436866

00:44:19.440 --> 00:44:21.744 on our report to guide their

NOTE Confidence: 0.82436866

00:44:21.744 --> 00:44:23.660 referring physicians who may not

NOTE Confidence: 0.82436866

00:44:23.660 --> 00:44:25.900 know what the next step would be.

NOTE Confidence: 0.82436866

00:44:25.900 --> 00:44:28.048 We have been expanding the lung

NOTE Confidence: 0.8090276

00:44:28.050 --> 00:44:29.482 cancer screening as well,

NOTE Confidence: 0.8090276

00:44:29.482 --> 00:44:30.914 together with that special

NOTE Confidence: 0.8090276

00:44:30.920 --> 00:44:32.720 clinical to trying to reach

NOTE Confidence: 0.8090276

00:44:32.720 --> 00:44:34.870 more and more sites. We sister

NOTE Confidence: 0.8090276

00:44:34.870 --> 00:44:37.030 started here. I think we evolved

NOTE Confidence: 0.8090276

00:44:37.030 --> 00:44:39.540 a lot when in Mar imaging of

NOTE Confidence: 0.804780066666667

00:44:39.540 --> 00:44:41.472 thoracic malignancies as well.

NOTE Confidence: 0.804780066666667

00:44:41.472 --> 00:44:44.116 Since 2010 we have been applying

NOTE Confidence: 0.804780066666667

00:44:44.116 --> 00:44:46.630 more MRI for mediastinal tumors in

NOTE Confidence: 0.804780066666667

00:44:46.630 --> 00:44:47.884 characterizing anterior mediastinal,
NOTE Confidence: 0.804780066666667

00:44:47.884 --> 00:44:48.720 particularly thymoma,
NOTE Confidence: 0.804780066666667

00:44:48.720 --> 00:44:50.400 and versus dynamic hyperplasia,
NOTE Confidence: 0.804780066666667

00:44:50.400 --> 00:44:51.660 or the differentials
NOTE Confidence: 0.804780066666667

00:44:51.660 --> 00:44:52.908 before surgical excision.
NOTE Confidence: 0.804780066666667

00:44:52.910 --> 00:44:53.750 Before treatments.
NOTE Confidence: 0.804780066666667

00:44:53.750 --> 00:44:56.686 We had recently start looking at MRI,
NOTE Confidence: 0.804780066666667

00:44:56.686 --> 00:44:57.518 the ability
NOTE Confidence: 0.796285

00:44:57.520 --> 00:44:59.192 to assess post radiation
NOTE Confidence: 0.796285

00:44:59.192 --> 00:45:00.864 changes in lung cancer,
NOTE Confidence: 0.796285

00:45:00.870 --> 00:45:02.550 in combination with pets,
NOTE Confidence: 0.796285

00:45:02.550 --> 00:45:05.066 so there is a lot of
NOTE Confidence: 0.796285

00:45:05.066 --> 00:45:07.160 research going on that as
NOTE Confidence: 0.796285

00:45:07.160 --> 00:45:10.504 well. If you can be better or complementary
NOTE Confidence: 0.796285

00:45:10.510 --> 00:45:13.478 to pet City, which is hard with.
NOTE Confidence: 0.796285

00:45:13.478 --> 00:45:16.040 All the information for radiation and

NOTE Confidence: 0.8469

00:45:16.040 --> 00:45:18.535 the other area that mean radiology

NOTE Confidence: 0.8469

00:45:18.535 --> 00:45:20.195 is always quickly evolving.

NOTE Confidence: 0.8469

00:45:20.195 --> 00:45:22.688 We have a lot of machine

NOTE Confidence: 0.8469

00:45:22.690 --> 00:45:24.770 learning artificial intelligence. One of

NOTE Confidence: 0.8469

00:45:24.770 --> 00:45:27.385 the fields that we think

NOTE Confidence: 0.8469

00:45:27.385 --> 00:45:30.000 could be applied is that.

NOTE Confidence: 0.8469

00:45:30.000 --> 00:45:32.280 As Scott, without some patients get

NOTE Confidence: 0.8469

00:45:32.280 --> 00:45:34.560 document the immunotherapy or the therapy

NOTE Confidence: 0.8469

00:45:34.560 --> 00:45:36.840 and they get progression on imaging.

NOTE Confidence: 0.8469

00:45:36.840 --> 00:45:39.136 But later on you go back and

NOTE Confidence: 0.8469

00:45:39.136 --> 00:45:41.020 was actually pseudo progression.

NOTE Confidence: 0.8469

00:45:41.020 --> 00:45:44.060 So we're trying to see if we can

NOTE Confidence: 0.8469

00:45:44.060 --> 00:45:46.340 come up with machine learning model.

NOTE Confidence: 0.8469

00:45:46.340 --> 00:45:47.860 They can analyze additional

NOTE Confidence: 0.8469

00:45:47.860 --> 00:45:49.000 texture analysis of

NOTE Confidence: 0.82432306

00:45:49.000 --> 00:45:51.758 these cancers on that city that our
NOTE Confidence: 0.82432306

00:45:51.758 --> 00:45:55.100 eyes cannot do an if we can try to
NOTE Confidence: 0.82432306

00:45:55.100 --> 00:45:56.660 differentiate pseudo progression versus
NOTE Confidence: 0.82432306

00:45:56.660 --> 00:45:58.879 true progression early on in therapy.
NOTE Confidence: 0.79031104

00:45:59.630 --> 00:46:00.894 Always about, you know.
NOTE Confidence: 0.79031104

00:46:00.894 --> 00:46:02.474 Expertise in radiology across the
NOTE Confidence: 0.79031104

00:46:02.474 --> 00:46:04.050 whole network is is critical and
NOTE Confidence: 0.79031104

00:46:04.050 --> 00:46:05.859 we have a tumor board every week.
NOTE Confidence: 0.79031104

00:46:05.860 --> 00:46:08.398 As I said, Rob Homer is a constant there.
NOTE Confidence: 0.79031104

00:46:08.400 --> 00:46:10.098 Looking at that issue you've been
NOTE Confidence: 0.79031104

00:46:10.098 --> 00:46:11.799 doing this since I've been here.
NOTE Confidence: 0.79031104

00:46:11.800 --> 00:46:13.768 Robin and will have Kurt Chopard speak a
NOTE Confidence: 0.79031104

00:46:13.768 --> 00:46:15.759 little bit about more research pathology,
NOTE Confidence: 0.79031104

00:46:15.760 --> 00:46:16.892 but tell us, Rob,
NOTE Confidence: 0.79031104

00:46:16.892 --> 00:46:18.590 you know what is your role.
NOTE Confidence: 0.79031104

00:46:18.590 --> 00:46:20.445 So you do you review all the

NOTE Confidence: 0.79031104

00:46:20.445 --> 00:46:21.899 pathology before we treat before

NOTE Confidence: 0.79031104

00:46:21.899 --> 00:46:23.399 we make a diagnosis here?

NOTE Confidence: 0.79031104

00:46:23.400 --> 00:46:25.098 Even if it's from the outside.

NOTE Confidence: 0.79031104

00:46:25.100 --> 00:46:26.228 First of all, I

NOTE Confidence: 0.79031104

00:46:26.230 --> 00:46:28.494 wanna thank you for letting me talk today.

NOTE Confidence: 0.79031104

00:46:28.500 --> 00:46:29.826 That's really great.

NOTE Confidence: 0.79031104

00:46:29.826 --> 00:46:32.370 Lynn Tanui, I have the old folks.

NOTE Confidence: 0.79031104

00:46:32.370 --> 00:46:35.367 I've only been in jail since for 42 years,

NOTE Confidence: 0.79031104

00:46:35.370 --> 00:46:37.368 so not here my whole life.

NOTE Confidence: 0.79031104

00:46:37.370 --> 00:46:39.866 But so far so the role pathology really

NOTE Confidence: 0.79031104

00:46:39.866 --> 00:46:42.686 is sort of central to the whole process.

NOTE Confidence: 0.79031104

00:46:42.690 --> 00:46:44.022 Everything sort of narrows

NOTE Confidence: 0.79031104

00:46:44.022 --> 00:46:45.687 down through the you know,

NOTE Confidence: 0.79031104

00:46:45.690 --> 00:46:47.688 the eyes of some histopathologist somewhere.

NOTE Confidence: 0.79031104

00:46:47.690 --> 00:46:49.350 It's actually make a diagnosis.

NOTE Confidence: 0.79031104

00:46:49.350 --> 00:46:51.681 So clearly I represent a lot of
NOTE Confidence: 0.79031104

00:46:51.681 --> 00:46:53.424 people behind me. It's like.
NOTE Confidence: 0.79031104

00:46:53.424 --> 00:46:57.129 There's a lot of people in not just at Yale,
NOTE Confidence: 0.79031104

00:46:57.130 --> 00:46:58.282 but at other places.
NOTE Confidence: 0.79031104

00:46:58.282 --> 00:46:59.434 Cytology, other his pathologists.
NOTE Confidence: 0.79031104

00:46:59.434 --> 00:47:01.790 And so you know the case of the
NOTE Confidence: 0.79031104

00:47:01.790 --> 00:47:03.440 wind up in tumor board course.
NOTE Confidence: 0.79031104

00:47:03.440 --> 00:47:05.737 Do most of those go through some pathologist?
NOTE Confidence: 0.79031104

00:47:05.737 --> 00:47:08.320 I might May may not review all of them.
NOTE Confidence: 0.79031104

00:47:08.320 --> 00:47:09.755 Certainly any cases that are
NOTE Confidence: 0.79031104

00:47:09.755 --> 00:47:10.903 little unusual or exceptional.
NOTE Confidence: 0.79031104

00:47:10.910 --> 00:47:12.899 I've tried to put my eyes on and I
NOTE Confidence: 0.79031104

00:47:12.899 --> 00:47:14.913 know that pathology language is not
NOTE Confidence: 0.79031104

00:47:14.913 --> 00:47:16.936 something that is not English, right?
NOTE Confidence: 0.79031104

00:47:16.936 --> 00:47:18.938 It's sort of even even for doctors.
NOTE Confidence: 0.79031104

00:47:18.940 --> 00:47:20.380 It's sort of funny language,

NOTE Confidence: 0.79031104

00:47:20.380 --> 00:47:22.781 and so there's a certain amount of

NOTE Confidence: 0.79031104

00:47:22.781 --> 00:47:24.390 interpretation that needs to go in.

NOTE Confidence: 0.79031104

00:47:24.390 --> 00:47:26.388 And a little bit of spin to help explain,

NOTE Confidence: 0.79031104

00:47:26.390 --> 00:47:27.716 because some things are very straightforward,

NOTE Confidence: 0.79031104

00:47:27.720 --> 00:47:28.910 somethings not so much.

NOTE Confidence: 0.79031104

00:47:28.910 --> 00:47:30.248 So of course,

NOTE Confidence: 0.79031104

00:47:30.248 --> 00:47:31.738 the other things we're looking

NOTE Confidence: 0.79031104

00:47:31.738 --> 00:47:33.709 forward to in terms of what's new,

NOTE Confidence: 0.79031104

00:47:33.710 --> 00:47:34.898 what we're excited about.

NOTE Confidence: 0.79031104

00:47:34.898 --> 00:47:37.460 Small cell is really kind of been sort of.

NOTE Confidence: 0.79031104

00:47:37.460 --> 00:47:39.764 Not much going on with it for forever,

NOTE Confidence: 0.79031104

00:47:39.770 --> 00:47:41.884 and we're kind of excited that subsets

NOTE Confidence: 0.79031104

00:47:41.884 --> 00:47:43.818 of small cells sort of shown up.

NOTE Confidence: 0.79031104

00:47:43.820 --> 00:47:46.412 I've been involved in a little bit of that.

NOTE Confidence: 0.79031104

00:47:46.420 --> 00:47:48.226 I expect that we're going to be

NOTE Confidence: 0.79031104

00:47:48.226 --> 00:47:50.180 giving that up into something more,

NOTE Confidence: 0.79031104

00:47:50.180 --> 00:47:51.044 hopefully more approachable,

NOTE Confidence: 0.79031104

00:47:51.044 --> 00:47:52.772 and in terms of the Department.

NOTE Confidence: 0.79031104

00:47:52.780 --> 00:47:53.884 You know, we've moved.

NOTE Confidence: 0.79031104

00:47:53.884 --> 00:47:55.540 We had used a relatively small

NOTE Confidence: 0.79031104

00:47:55.597 --> 00:47:57.107 panel from most lung cancers.

NOTE Confidence: 0.79031104

00:47:57.110 --> 00:47:59.174 Now we've sort of moved to

NOTE Confidence: 0.79031104

00:47:59.174 --> 00:48:01.079 a much larger panel for a.

NOTE Confidence: 0.79031104

00:48:01.080 --> 00:48:02.208 Of genetic abnormalities that

NOTE Confidence: 0.79031104

00:48:02.208 --> 00:48:04.280 we can do on a routine basis,

NOTE Confidence: 0.79031104

00:48:04.280 --> 00:48:05.156 which is great,

NOTE Confidence: 0.79031104

00:48:05.156 --> 00:48:05.740 and with,

NOTE Confidence: 0.79031104

00:48:05.740 --> 00:48:07.651 you know the assistance of the new

NOTE Confidence: 0.79031104

00:48:07.651 --> 00:48:09.807 chair of the Chen and the hospital.

NOTE Confidence: 0.79031104

00:48:09.810 --> 00:48:11.340 We're hoping to move digital

NOTE Confidence: 0.79031104

00:48:11.340 --> 00:48:13.176 pathology into the features so we

NOTE Confidence: 0.79031104

00:48:13.176 --> 00:48:14.954 can actually do a better job of

NOTE Confidence: 0.79031104

00:48:14.954 --> 00:48:16.499 sharing images across the network.

NOTE Confidence: 0.79031104

00:48:16.500 --> 00:48:17.078 You know,

NOTE Confidence: 0.79031104

00:48:17.078 --> 00:48:18.812 moving physical pieces of glass around

NOTE Confidence: 0.79031104

00:48:18.812 --> 00:48:20.600 to seems very antiquated and hopefully

NOTE Confidence: 0.79031104

00:48:20.600 --> 00:48:23.198 we're going to sort of move forward in that.

NOTE Confidence: 0.79031104

00:48:23.200 --> 00:48:24.650 And that's really going to,

NOTE Confidence: 0.79031104

00:48:24.650 --> 00:48:25.232 you know,

NOTE Confidence: 0.79031104

00:48:25.232 --> 00:48:26.978 that's really going to open up,

NOTE Confidence: 0.79031104

00:48:26.980 --> 00:48:27.490 you know,

NOTE Confidence: 0.79031104

00:48:27.490 --> 00:48:29.275 in the same way that Isabel talked

NOTE Confidence: 0.79031104

00:48:29.275 --> 00:48:30.758 about digital image analysis,

NOTE Confidence: 0.79031104

00:48:30.760 --> 00:48:31.082 or.

NOTE Confidence: 0.79031104

00:48:31.082 --> 00:48:33.336 In a computer assisted work for radiology,

NOTE Confidence: 0.79031104

00:48:33.340 --> 00:48:35.132 that's really the first step to start

NOTE Confidence: 0.79031104

00:48:35.132 --> 00:48:37.289 doing the same thing for pathology images,
NOTE Confidence: 0.79031104

00:48:37.290 --> 00:48:38.904 which we hope to get to
NOTE Confidence: 0.79031104

00:48:38.904 --> 00:48:40.390 at some point as well.
NOTE Confidence: 0.79029346

00:48:41.160 --> 00:48:42.630 Yep, thanks Robin for everything
NOTE Confidence: 0.79029346

00:48:42.630 --> 00:48:44.600 you do and it's good to know.
NOTE Confidence: 0.79029346

00:48:44.600 --> 00:48:46.896 Every Monday morning we might not be there,
NOTE Confidence: 0.79029346

00:48:46.900 --> 00:48:49.196 but you're there and and you know really,
NOTE Confidence: 0.79029346

00:48:49.200 --> 00:48:50.660 keeping the tumor board running
NOTE Confidence: 0.79029346

00:48:50.660 --> 00:48:52.639 and no will do more of that.
NOTE Confidence: 0.79029346

00:48:52.640 --> 00:48:54.544 So you know when I when I
NOTE Confidence: 0.79029346

00:48:54.544 --> 00:48:56.370 came here to build us for,
NOTE Confidence: 0.79029346

00:48:56.370 --> 00:48:57.810 it's really based on tissue.
NOTE Confidence: 0.79029346

00:48:57.810 --> 00:48:58.668 Yeah, strong statistician.
NOTE Confidence: 0.79029346

00:48:58.668 --> 00:49:00.384 You of course need a science.
NOTE Confidence: 0.79029346

00:49:00.390 --> 00:49:02.094 So I was fortunate to meet
NOTE Confidence: 0.79029346

00:49:02.094 --> 00:49:03.550 David Rim in David Rim.

NOTE Confidence: 0.79029346

00:49:03.550 --> 00:49:05.718 As you all know, is involved in all

NOTE Confidence: 0.79029346

00:49:05.718 --> 00:49:07.558 the sports here at Yellow Three.

NOTE Confidence: 0.79029346

00:49:07.560 --> 00:49:09.856 Now they all rely on David and David.

NOTE Confidence: 0.79029346

00:49:09.860 --> 00:49:11.666 Still very involved with us but.

NOTE Confidence: 0.79029346

00:49:11.670 --> 00:49:12.698 Um, what is it?

NOTE Confidence: 0.79029346

00:49:12.698 --> 00:49:14.228 Current 4-5 years ago, he said,

NOTE Confidence: 0.79029346

00:49:14.228 --> 00:49:16.829 I've got this this guy in my lab is great.

NOTE Confidence: 0.79029346

00:49:16.830 --> 00:49:18.378 We've got to keep him here.

NOTE Confidence: 0.79029346

00:49:18.380 --> 00:49:19.916 I don't want to go back

NOTE Confidence: 0.79029346

00:49:19.916 --> 00:49:21.470 to Chile and he did it,

NOTE Confidence: 0.79029346

00:49:21.470 --> 00:49:23.052 and that skirt shopper in Kurt's just

NOTE Confidence: 0.79029346

00:49:23.052 --> 00:49:24.352 been a wonderful collaborator or

NOTE Confidence: 0.79029346

00:49:24.352 --> 00:49:25.508 scientifically and therapeutically in

NOTE Confidence: 0.79029346

00:49:25.508 --> 00:49:27.670 his lab and the Corps 'cause you gotta,

NOTE Confidence: 0.79029346

00:49:27.670 --> 00:49:29.140 you gotta collect that issue and

NOTE Confidence: 0.79029346

00:49:29.140 --> 00:49:30.947 get it in the right place and
NOTE Confidence: 0.79029346

00:49:30.947 --> 00:49:32.739 get it from all these centers so
NOTE Confidence: 0.79029346

00:49:32.794 --> 00:49:34.621 Kurt tell us a little bit about
NOTE Confidence: 0.79029346

00:49:34.621 --> 00:49:36.156 yourself and what you do.
NOTE Confidence: 0.79029346

00:49:36.156 --> 00:49:38.394 And thanks for being here today.
NOTE Confidence: 0.79029346

00:49:38.400 --> 00:49:38.720 Thanks
NOTE Confidence: 0.78116035

00:49:38.720 --> 00:49:40.310 Roy. So I'm Kurt chopper.
NOTE Confidence: 0.78116035

00:49:40.310 --> 00:49:41.270 I'm a pathologist,
NOTE Confidence: 0.78116035

00:49:41.270 --> 00:49:42.550 an immuno oncology researcher.
NOTE Confidence: 0.78116035

00:49:42.550 --> 00:49:44.626 I joined us an assistant professor
NOTE Confidence: 0.78116035

00:49:44.626 --> 00:49:46.634 and was appointed in 2015 and
NOTE Confidence: 0.78116035

00:49:46.634 --> 00:49:48.290 we have had a very active.
NOTE Confidence: 0.78116035

00:49:48.290 --> 00:49:50.530 I got any program actually look up today
NOTE Confidence: 0.78116035

00:49:50.530 --> 00:49:53.068 and we have 64 publications since 2015.
NOTE Confidence: 0.78116035

00:49:53.070 --> 00:49:56.067 More than 20 trainees and a lot of grants
NOTE Confidence: 0.78116035

00:49:56.067 --> 00:49:58.495 including a number of NIH and DoD grants.

NOTE Confidence: 0.78116035

00:49:58.500 --> 00:50:01.206 So we have been VC. But it's a.

NOTE Confidence: 0.78116035

00:50:01.206 --> 00:50:02.294 It's a great environment

NOTE Confidence: 0.78116035

00:50:02.294 --> 00:50:04.099 to be able to achieve this.

NOTE Confidence: 0.78116035

00:50:04.100 --> 00:50:05.790 The other thing we have been

NOTE Confidence: 0.78116035

00:50:05.790 --> 00:50:07.440 focusing on is trying to enhance

NOTE Confidence: 0.78116035

00:50:07.440 --> 00:50:09.490 our capacity to do sort of further

NOTE Confidence: 0.78116035

00:50:09.490 --> 00:50:10.646 molecular analysis of samples,

NOTE Confidence: 0.78116035

00:50:10.650 --> 00:50:13.050 and we have implemented a lot of technology

NOTE Confidence: 0.78116035

00:50:13.050 --> 00:50:15.498 to be able to be ahead of the game,

NOTE Confidence: 0.78116035

00:50:15.500 --> 00:50:17.488 and now we're trying with Dave Rim.

NOTE Confidence: 0.78116035

00:50:17.490 --> 00:50:17.835 Actually,

NOTE Confidence: 0.78116035

00:50:17.835 --> 00:50:19.905 to move some of these technologies

NOTE Confidence: 0.78116035

00:50:19.905 --> 00:50:22.198 into the clinic with the goal of

NOTE Confidence: 0.78116035

00:50:22.198 --> 00:50:23.693 having diagnostics that no one

NOTE Confidence: 0.78116035

00:50:23.693 --> 00:50:25.775 else has in that we're focusing on.

NOTE Confidence: 0.78116035

00:50:25.780 --> 00:50:27.971 The other aspects of my function within

NOTE Confidence: 0.78116035

00:50:27.971 --> 00:50:30.386 the top program has been to oversee

NOTE Confidence: 0.78116035

00:50:30.386 --> 00:50:32.156 the biospecimen repository that was,

NOTE Confidence: 0.78116035

00:50:32.160 --> 00:50:33.168 as you mentioned,

NOTE Confidence: 0.78116035

00:50:33.168 --> 00:50:35.520 initiated by link to New Years ago,

NOTE Confidence: 0.78116035

00:50:35.520 --> 00:50:38.427 and we have been able to grow it at

NOTE Confidence: 0.78116035

00:50:38.427 --> 00:50:40.430 infrastructure and also be able to

NOTE Confidence: 0.78116035

00:50:40.430 --> 00:50:42.459 disseminate the samples and we have

NOTE Confidence: 0.78116035

00:50:42.459 --> 00:50:44.895 a very rich repository that I would

NOTE Confidence: 0.78116035

00:50:44.895 --> 00:50:48.000 love everyone to use at some point.

NOTE Confidence: 0.78116035

00:50:48.000 --> 00:50:49.918 And finally the other aspect of

NOTE Confidence: 0.78116035

00:50:49.918 --> 00:50:52.194 what I've been doing is after a

NOTE Confidence: 0.78116035

00:50:52.194 --> 00:50:54.126 lot of effort from from Euro in

NOTE Confidence: 0.78116035

00:50:54.126 --> 00:50:55.928 Mario at Gaston Dave Ramon.

NOTE Confidence: 0.78116035

00:50:55.930 --> 00:50:56.261 Also,

NOTE Confidence: 0.78116035

00:50:56.261 --> 00:50:57.254 they'd have to.

NOTE Confidence: 0.78116035

00:50:57.254 --> 00:50:59.240 We have created a platform that

NOTE Confidence: 0.78116035

00:50:59.309 --> 00:51:01.334 we can use to be able to use some

NOTE Confidence: 0.78116035

00:51:01.334 --> 00:51:03.147 of these molecular methods in

NOTE Confidence: 0.78116035

00:51:03.147 --> 00:51:05.052 the context of clinical trials

NOTE Confidence: 0.78116035

00:51:05.052 --> 00:51:06.692 and really learn from them.

NOTE Confidence: 0.78116035

00:51:06.692 --> 00:51:08.504 And over the years since 2015

NOTE Confidence: 0.78116035

00:51:08.504 --> 00:51:10.454 we have actually been able to

NOTE Confidence: 0.78116035

00:51:10.454 --> 00:51:12.089 work with seven clinical trials,

NOTE Confidence: 0.78116035

00:51:12.090 --> 00:51:13.992 three of which are IIT's and

NOTE Confidence: 0.78116035

00:51:13.992 --> 00:51:15.260 we have been collecting,

NOTE Confidence: 0.78116035

00:51:15.260 --> 00:51:17.456 processing and analyzing samples in ways

NOTE Confidence: 0.78116035

00:51:17.456 --> 00:51:20.008 that very few people can in the world.

NOTE Confidence: 0.78116035

00:51:20.010 --> 00:51:21.876 I'm hoping to have a, you know,

NOTE Confidence: 0.78116035

00:51:21.876 --> 00:51:23.682 learn from it and be able to

NOTE Confidence: 0.78116035

00:51:23.682 --> 00:51:25.138 go to the next stage,

NOTE Confidence: 0.78116035

00:51:25.140 --> 00:51:26.760 so again, it has been busy.
NOTE Confidence: 0.78116035

00:51:26.760 --> 00:51:28.110 It has been very happy,
NOTE Confidence: 0.78116035

00:51:28.110 --> 00:51:28.650 very productive,
NOTE Confidence: 0.78116035

00:51:28.650 --> 00:51:30.810 and I'm very proud of being part of
NOTE Confidence: 0.841844439999999

00:51:30.810 --> 00:51:31.890 this team. Thank you.
NOTE Confidence: 0.841844439999999

00:51:31.890 --> 00:51:33.780 Thanks for all you've done and all
NOTE Confidence: 0.841844439999999

00:51:33.780 --> 00:51:35.742 the men tease know that I hope this is
NOTE Confidence: 0.841844439999999

00:51:35.795 --> 00:51:37.972 coming out all the students and medical
NOTE Confidence: 0.841844439999999

00:51:37.972 --> 00:51:39.720 students and fellows that are working
NOTE Confidence: 0.841844439999999

00:51:39.720 --> 00:51:41.610 with these labs and the basic labs.
NOTE Confidence: 0.841844439999999

00:51:41.610 --> 00:51:43.212 The clinical labs working between the
NOTE Confidence: 0.841844439999999

00:51:43.212 --> 00:51:45.118 different areas of a few more minutes.
NOTE Confidence: 0.841844439999999

00:51:45.120 --> 00:51:46.776 Vanna Dest, so operations and the
NOTE Confidence: 0.841844439999999

00:51:46.776 --> 00:51:48.265 clinic and the nurse practitioners
NOTE Confidence: 0.841844439999999

00:51:48.265 --> 00:51:50.257 I'm sitting up here because someone
NOTE Confidence: 0.841844439999999

00:51:50.257 --> 00:51:52.229 is finishing up the clinic for me.

NOTE Confidence: 0.8418444399999999
00:51:52.230 --> 00:51:53.274 We were team.
NOTE Confidence: 0.8418444399999999
00:51:53.274 --> 00:51:56.289 We work together and that has been a glue.
NOTE Confidence: 0.8418444399999999
00:51:56.290 --> 00:51:58.558 Tell us a little bit about your
NOTE Confidence: 0.8418444399999999
00:51:58.558 --> 00:51:59.938 thoughts about expanding thoracic
NOTE Confidence: 0.8418444399999999
00:51:59.938 --> 00:52:02.367 cancer unit to all the different areas.
NOTE Confidence: 0.8418444399999999
00:52:02.370 --> 00:52:03.718 With a multi modality
NOTE Confidence: 0.7789418
00:52:03.720 --> 00:52:04.740 flare. Avana Sir,
NOTE Confidence: 0.7789418
00:52:04.740 --> 00:52:05.438 thanks right?
NOTE Confidence: 0.7789418
00:52:05.438 --> 00:52:07.881 So I'm the senior program manager of
NOTE Confidence: 0.7789418
00:52:07.881 --> 00:52:10.140 this Milo Aips and I've been here.
NOTE Confidence: 0.7789418
00:52:10.140 --> 00:52:12.144 It's Milo and working as a
NOTE Confidence: 0.7789418
00:52:12.144 --> 00:52:13.860 thoracic oncology ATP since 2013.
NOTE Confidence: 0.7789418
00:52:13.860 --> 00:52:16.121 I do represent the patient care services
NOTE Confidence: 0.7789418
00:52:16.121 --> 00:52:18.196 on this thoracic oncology cabinet and
NOTE Confidence: 0.7789418
00:52:18.196 --> 00:52:20.278 the goal of patient care services,
NOTE Confidence: 0.7789418

00:52:20.280 --> 00:52:22.758 which is directed by Kim Slusser.
NOTE Confidence: 0.7789418

00:52:22.760 --> 00:52:25.256 Is really to advocate and to support for
NOTE Confidence: 0.7789418

00:52:25.256 --> 00:52:27.908 the growth of the Thoracic Oncology Center.
NOTE Confidence: 0.7789418

00:52:27.910 --> 00:52:30.115 In? With that, we're trying to improve
NOTE Confidence: 0.7789418

00:52:30.115 --> 00:52:32.019 the system issues workflow issues,
NOTE Confidence: 0.7789418

00:52:32.020 --> 00:52:33.392 providing the infrastructure that
NOTE Confidence: 0.7789418

00:52:33.392 --> 00:52:35.450 we need to expand and succeed,
NOTE Confidence: 0.7789418

00:52:35.450 --> 00:52:36.818 as well as continued
NOTE Confidence: 0.7789418

00:52:36.818 --> 00:52:37.844 recruitment in education.
NOTE Confidence: 0.7789418

00:52:37.850 --> 00:52:39.872 It really takes a dedicated and
NOTE Confidence: 0.7789418

00:52:39.872 --> 00:52:41.969 experienced team to deliver this expert,
NOTE Confidence: 0.7789418

00:52:41.970 --> 00:52:43.680 compassionate care to our patients,
NOTE Confidence: 0.7789418

00:52:43.680 --> 00:52:45.612 and I have to echo what
NOTE Confidence: 0.7789418

00:52:45.612 --> 00:52:47.460 everyone else has been saying.
NOTE Confidence: 0.7789418

00:52:47.460 --> 00:52:50.548 We have a very gifted team that is
NOTE Confidence: 0.7789418

00:52:50.548 --> 00:52:53.300 formed a multidisciplinary partnership.

NOTE Confidence: 0.7789418

00:52:53.300 --> 00:52:55.220 Our services include surgical oncology,

NOTE Confidence: 0.7789418

00:52:55.220 --> 00:52:56.748 radiation oncology, medical oncology,

NOTE Confidence: 0.7789418

00:52:56.748 --> 00:52:57.894 pulmonary pulmonary intervention,

NOTE Confidence: 0.7789418

00:52:57.900 --> 00:52:58.664 pulmonary screening,

NOTE Confidence: 0.7789418

00:52:58.664 --> 00:53:01.338 smoking cessation and our team is huge.

NOTE Confidence: 0.7789418

00:53:01.340 --> 00:53:04.014 I mean, as everyone has been saying,

NOTE Confidence: 0.7789418

00:53:04.020 --> 00:53:05.935 it really does take a

NOTE Confidence: 0.7789418

00:53:05.935 --> 00:53:07.850 village to make this work.

NOTE Confidence: 0.7789418

00:53:07.850 --> 00:53:09.920 It's not just one particular

NOTE Confidence: 0.7789418

00:53:09.920 --> 00:53:11.576 Department or one particular

NOTE Confidence: 0.7789418

00:53:11.576 --> 00:53:13.599 specialty that makes it all happen.

NOTE Confidence: 0.7789418

00:53:13.600 --> 00:53:15.945 So our team is made up of

NOTE Confidence: 0.7789418

00:53:15.945 --> 00:53:17.810 physician and nursing leadership.

NOTE Confidence: 0.7789418

00:53:17.810 --> 00:53:18.528 Our providers,

NOTE Confidence: 0.7789418

00:53:18.528 --> 00:53:20.323 both physicians and the advanced

NOTE Confidence: 0.7789418

00:53:20.323 --> 00:53:22.297 practice providers are new patient

NOTE Confidence: 0.7789418

00:53:22.297 --> 00:53:23.560 coordinators practice nurses.

NOTE Confidence: 0.7789418

00:53:23.560 --> 00:53:25.216 Our clinical trial team,

NOTE Confidence: 0.7789418

00:53:25.216 --> 00:53:26.458 which is outstanding.

NOTE Confidence: 0.7789418

00:53:26.460 --> 00:53:27.764 Our medical assistants and

NOTE Confidence: 0.7789418

00:53:27.764 --> 00:53:29.068 ambulatory care associates and

NOTE Confidence: 0.7789418

00:53:29.068 --> 00:53:30.800 the other partners of our team,

NOTE Confidence: 0.7789418

00:53:30.800 --> 00:53:32.350 which are the infusion nurses.

NOTE Confidence: 0.7789418

00:53:32.350 --> 00:53:33.100 I mean,

NOTE Confidence: 0.7789418

00:53:33.100 --> 00:53:34.975 they're really with our patients

NOTE Confidence: 0.7789418

00:53:34.975 --> 00:53:37.913 side by side when it comes to

NOTE Confidence: 0.7789418

00:53:37.913 --> 00:53:39.649 other medical oncology patients.

NOTE Confidence: 0.7789418

00:53:39.650 --> 00:53:40.634 Pharmacy social work.

NOTE Confidence: 0.7789418

00:53:40.634 --> 00:53:41.290 Palliative care.

NOTE Confidence: 0.7789418

00:53:41.290 --> 00:53:42.844 The checkout people that people that

NOTE Confidence: 0.7789418

00:53:42.844 --> 00:53:44.324 are doing the financials radiology

NOTE Confidence: 0.7789418

00:53:44.324 --> 00:53:45.515 interventional radiology pathology

NOTE Confidence: 0.7789418

00:53:45.515 --> 00:53:47.500 laboratory in our clinical secretaries.

NOTE Confidence: 0.7789418

00:53:47.500 --> 00:53:48.160 I mean,

NOTE Confidence: 0.7789418

00:53:48.160 --> 00:53:50.800 we truly have a world class team and

NOTE Confidence: 0.7789418

00:53:50.875 --> 00:53:53.384 I'm really happy to be apart of it.

NOTE Confidence: 0.7789418

00:53:53.384 --> 00:53:54.040 I mean,

NOTE Confidence: 0.7789418

00:53:54.040 --> 00:53:56.336 I think our goal is really to bring

NOTE Confidence: 0.7789418

00:53:56.336 --> 00:53:59.094 what we have at smilow to all the

NOTE Confidence: 0.7789418

00:53:59.094 --> 00:54:01.234 other delivery networks and to make

NOTE Confidence: 0.7789418

00:54:01.234 --> 00:54:03.523 sure that we have that one signature

NOTE Confidence: 0.7789418

00:54:03.523 --> 00:54:05.480 care for all of our patients.

NOTE Confidence: 0.81976384

00:54:06.540 --> 00:54:08.130 Absolutely a fully integrated team

NOTE Confidence: 0.81976384

00:54:08.130 --> 00:54:10.045 and with the best innovation of

NOTE Confidence: 0.81976384

00:54:10.045 --> 00:54:11.689 science and technology and and now,

NOTE Confidence: 0.81976384

00:54:11.690 --> 00:54:13.508 I'm sorry I didn't forget you.

NOTE Confidence: 0.81976384

00:54:13.510 --> 00:54:15.328 I was saving you for last.
NOTE Confidence: 0.81976384

00:54:15.330 --> 00:54:17.028 So Sarah Goldberg is our research
NOTE Confidence: 0.81976384

00:54:17.028 --> 00:54:18.864 director and I still remember you're
NOTE Confidence: 0.81976384

00:54:18.864 --> 00:54:20.754 here about eight years now, right?
NOTE Confidence: 0.81976384

00:54:20.754 --> 00:54:21.576 Sarah or so.
NOTE Confidence: 0.81976384

00:54:21.576 --> 00:54:23.922 I still remember I was on a trip
NOTE Confidence: 0.81976384

00:54:23.922 --> 00:54:25.824 spending hours trying to recruit Sarah
NOTE Confidence: 0.81976384

00:54:25.824 --> 00:54:28.049 to get her to calm down Lincoln.
NOTE Confidence: 0.81976384

00:54:28.050 --> 00:54:30.311 I really desperately wanted her to come
NOTE Confidence: 0.81976384

00:54:30.311 --> 00:54:32.297 from mass general and get a farmer.
NOTE Confidence: 0.81976384

00:54:32.300 --> 00:54:34.239 So Sarah tell us a little bit
NOTE Confidence: 0.81976384

00:54:34.239 --> 00:54:36.582 about you know and I'd like to
NOTE Confidence: 0.81976384

00:54:36.582 --> 00:54:38.030 introduce Kuraan Jennifer too.
NOTE Confidence: 0.81976384

00:54:38.030 --> 00:54:40.004 About the the lung research team and
NOTE Confidence: 0.81976384

00:54:40.004 --> 00:54:42.321 how we meet in and and how we're
NOTE Confidence: 0.81976384

00:54:42.321 --> 00:54:44.097 staying on the cutting edge and

NOTE Confidence: 0.81976384

00:54:44.097 --> 00:54:45.927 some some some thoughts and then

NOTE Confidence: 0.81976384

00:54:45.927 --> 00:54:48.275 well then we'll open for questions.

NOTE Confidence: 0.81976384

00:54:48.275 --> 00:54:48.750 Well

NOTE Confidence: 0.83803636

00:54:48.750 --> 00:54:49.362 thanks right?

NOTE Confidence: 0.83803636

00:54:49.362 --> 00:54:51.810 This is an amazing forum to bring everybody

NOTE Confidence: 0.83803636

00:54:51.866 --> 00:54:53.798 together and talk about our program.

NOTE Confidence: 0.83803636

00:54:53.800 --> 00:54:55.696 I'm Sarah Goldberg, a medical oncologist.

NOTE Confidence: 0.83803636

00:54:55.700 --> 00:54:58.535 I've been here for almost 9 years now, right.

NOTE Confidence: 0.83803636

00:54:58.535 --> 00:55:00.670 And so I think you've heard from

NOTE Confidence: 0.83803636

00:55:00.670 --> 00:55:02.967 from so many people in the group.

NOTE Confidence: 0.83803636

00:55:02.970 --> 00:55:05.562 We have this amazing team and I think

NOTE Confidence: 0.83803636

00:55:05.562 --> 00:55:08.017 so much of what many of us have.

NOTE Confidence: 0.83803636

00:55:08.020 --> 00:55:10.450 Not really all of us focus on is is

NOTE Confidence: 0.83803636

00:55:10.450 --> 00:55:12.250 advancing the care of patients with

NOTE Confidence: 0.83803636

00:55:12.250 --> 00:55:14.896 lung cancer and so much of that is

NOTE Confidence: 0.83803636

00:55:14.896 --> 00:55:16.756 through clinical trials and basic
NOTE Confidence: 0.83803636

00:55:16.756 --> 00:55:18.820 and translational research that helps
NOTE Confidence: 0.83803636

00:55:18.820 --> 00:55:21.460 inform our clinical trials and so.
NOTE Confidence: 0.83803636

00:55:21.460 --> 00:55:23.133 We've done so much over the last
NOTE Confidence: 0.83803636

00:55:23.133 --> 00:55:24.820 few years to improve the care
NOTE Confidence: 0.83803636

00:55:24.820 --> 00:55:26.638 of patients with lung cancer or
NOTE Confidence: 0.83803636

00:55:26.638 --> 00:55:28.436 targeted therapies have come so far.
NOTE Confidence: 0.83803636

00:55:28.440 --> 00:55:29.528 We have, you know,
NOTE Confidence: 0.83803636

00:55:29.528 --> 00:55:31.779 so many more therapies that we can offer.
NOTE Confidence: 0.83803636

00:55:31.780 --> 00:55:33.530 Patient Scott mention immune therapy
NOTE Confidence: 0.83803636

00:55:33.530 --> 00:55:35.280 were starting to understand resistance
NOTE Confidence: 0.83803636

00:55:35.334 --> 00:55:37.224 and how to overcome it and so now it's
NOTE Confidence: 0.83803636

00:55:37.224 --> 00:55:39.081 really bringing that to the next level
NOTE Confidence: 0.83803636

00:55:39.081 --> 00:55:40.430 and advancing things even further.
NOTE Confidence: 0.83803636

00:55:40.430 --> 00:55:41.830 And so, as I mentioned,
NOTE Confidence: 0.83803636

00:55:41.830 --> 00:55:44.060 we have this amazing research team we meet.

NOTE Confidence: 0.83803636

00:55:44.060 --> 00:55:46.484 We used to have one meeting a week and

NOTE Confidence: 0.83803636

00:55:46.484 --> 00:55:48.797 now we we have so much to discuss.

NOTE Confidence: 0.83803636

00:55:48.800 --> 00:55:50.795 I think we're up to like 2-3

NOTE Confidence: 0.83803636

00:55:50.795 --> 00:55:52.560 meetings a week where we all.

NOTE Confidence: 0.83803636

00:55:52.560 --> 00:55:55.128 Get together and discuss various aspects

NOTE Confidence: 0.83803636

00:55:55.128 --> 00:55:57.440 of our clinical research program.

NOTE Confidence: 0.83803636

00:55:57.440 --> 00:55:59.444 So huge driving forces behind that

NOTE Confidence: 0.83803636

00:55:59.444 --> 00:56:01.168 are key Republican Jennifer Pope

NOTE Confidence: 0.83803636

00:56:01.168 --> 00:56:02.828 from the clinical Trials Office.

NOTE Confidence: 0.83803636

00:56:02.830 --> 00:56:05.494 And they've done so much to help us make

NOTE Confidence: 0.83803636

00:56:05.494 --> 00:56:08.220 our clinical trials of reality open up.

NOTE Confidence: 0.83803636

00:56:08.220 --> 00:56:08.896 You know,

NOTE Confidence: 0.83803636

00:56:08.896 --> 00:56:09.910 the best trials,

NOTE Confidence: 0.83803636

00:56:09.910 --> 00:56:11.932 I think for our patients and

NOTE Confidence: 0.83803636

00:56:11.932 --> 00:56:13.280 keep things running smoothly.

NOTE Confidence: 0.83803636

00:56:13.280 --> 00:56:16.136 So I'm turning it over to them
NOTE Confidence: 0.83803636

00:56:16.136 --> 00:56:17.740 to introduce themselves and.
NOTE Confidence: 0.83803636

00:56:17.740 --> 00:56:19.000 And tell us about what
NOTE Confidence: 0.8570934

00:56:19.000 --> 00:56:21.060 they do. OK, very good
NOTE Confidence: 0.8570934

00:56:21.060 --> 00:56:23.460 once you go 1st Gen. Hi
NOTE Confidence: 0.8549268

00:56:23.460 --> 00:56:24.972 everybody, I'm Jennifer Pope.
NOTE Confidence: 0.8549268

00:56:24.972 --> 00:56:27.668 I am the clinical trials team manager
NOTE Confidence: 0.8549268

00:56:27.668 --> 00:56:29.822 for the Thoracic group and I'm
NOTE Confidence: 0.8549268

00:56:29.822 --> 00:56:32.297 relatively new to this team but not
NOTE Confidence: 0.8549268

00:56:32.297 --> 00:56:34.295 new to the clinical trials Office.
NOTE Confidence: 0.8549268

00:56:34.300 --> 00:56:37.205 And I am looking forward to continue
NOTE Confidence: 0.8549268

00:56:37.205 --> 00:56:40.335 to work with Doctor Gettinger and work
NOTE Confidence: 0.8549268

00:56:40.335 --> 00:56:42.760 more closely with Doctor Goldberg
NOTE Confidence: 0.8549268

00:56:42.760 --> 00:56:45.695 and hoping to bring some more trials
NOTE Confidence: 0.8549268

00:56:45.695 --> 00:56:48.400 open quicker and to try to find
NOTE Confidence: 0.8549268

00:56:48.400 --> 00:56:50.614 the best trials for the patients

NOTE Confidence: 0.8549268

00:56:50.614 --> 00:56:53.022 that we have across the network.

NOTE Confidence: 0.8549268

00:56:53.022 --> 00:56:55.097 So looking forward to that.

NOTE Confidence: 0.8549268

00:56:55.097 --> 00:56:56.348 Yeah, thanks for

NOTE Confidence: 0.839876

00:56:56.350 --> 00:57:00.085 all you've done and will continue to do KERA.

NOTE Confidence: 0.8254518

00:57:01.130 --> 00:57:02.635 Hi everyone, thank you for

NOTE Confidence: 0.8254518

00:57:02.635 --> 00:57:04.140 having me and your public.

NOTE Confidence: 0.8254518

00:57:04.140 --> 00:57:06.548 I've been at Yale now for 12 years.

NOTE Confidence: 0.8254518

00:57:06.550 --> 00:57:08.212 This year, eight of which which

NOTE Confidence: 0.8254518

00:57:08.212 --> 00:57:10.079 had been in the clinical Trials

NOTE Confidence: 0.8254518

00:57:10.079 --> 00:57:12.515 Office and I've had the pleasure of

NOTE Confidence: 0.8254518

00:57:12.515 --> 00:57:14.514 working with many of those on the

NOTE Confidence: 0.8254518

00:57:14.514 --> 00:57:16.140 panel over the last several years.

NOTE Confidence: 0.8254518

00:57:16.140 --> 00:57:17.820 I'm currently one of the assistant

NOTE Confidence: 0.8254518

00:57:17.820 --> 00:57:19.389 Directors of clinical trials operations

NOTE Confidence: 0.8254518

00:57:19.389 --> 00:57:20.994 in the Clinical Trials Office,

NOTE Confidence: 0.8254518

00:57:21.000 --> 00:57:22.128 under Director Joyce Tool.
NOTE Confidence: 0.8254518

00:57:22.128 --> 00:57:24.310 So I'm responsible for the lung Melanoma,
NOTE Confidence: 0.8254518

00:57:24.310 --> 00:57:25.972 therapeutic radiology and head and neck
NOTE Confidence: 0.8254518

00:57:25.972 --> 00:57:27.467 clinical trials disease teams from
NOTE Confidence: 0.8254518

00:57:27.467 --> 00:57:28.819 an operational compliance standpoint.
NOTE Confidence: 0.8254518

00:57:28.820 --> 00:57:30.927 I work closely with the research team,
NOTE Confidence: 0.8254518

00:57:30.930 --> 00:57:32.620 the team leaders, managers, regulatory.
NOTE Confidence: 0.8254518

00:57:32.620 --> 00:57:33.463 Our hospital partners.
NOTE Confidence: 0.8254518

00:57:33.463 --> 00:57:35.430 It really does take a village is
NOTE Confidence: 0.8254518

00:57:35.487 --> 00:57:37.027 so many of you have already said
NOTE Confidence: 0.8254518

00:57:37.027 --> 00:57:39.020 and I want to say to that the
NOTE Confidence: 0.8254518

00:57:39.020 --> 00:57:40.556 investment of the research team is
NOTE Confidence: 0.8254518

00:57:40.556 --> 00:57:41.836 really inspirational on this team.
NOTE Confidence: 0.8254518

00:57:41.840 --> 00:57:43.800 The Link team is fortunate to have some
NOTE Confidence: 0.8254518

00:57:43.800 --> 00:57:45.418 really incredible and veteran team members.
NOTE Confidence: 0.8254518

00:57:45.420 --> 00:57:46.944 They have two research nurses who

NOTE Confidence: 0.8254518

00:57:46.944 --> 00:57:48.490 are as dedicated as they come.

NOTE Confidence: 0.8254518

00:57:48.490 --> 00:57:49.996 They've been here for years series

NOTE Confidence: 0.8254518

00:57:49.996 --> 00:57:51.564 who are dedicated to doing the

NOTE Confidence: 0.8254518

00:57:51.564 --> 00:57:52.839 right thing for the patients.

NOTE Confidence: 0.8254518

00:57:52.840 --> 00:57:53.410 Gen Pope,

NOTE Confidence: 0.8254518

00:57:53.410 --> 00:57:55.405 who's new and who's been an excellent

NOTE Confidence: 0.8254518

00:57:55.405 --> 00:57:57.232 addition to the team and I just want

NOTE Confidence: 0.8254518

00:57:57.232 --> 00:57:58.709 to really take time to recognize

NOTE Confidence: 0.8254518

00:57:58.709 --> 00:58:00.525 all of their efforts as well as

NOTE Confidence: 0.8254518

00:58:00.525 --> 00:58:02.086 our regulatory partners in our

NOTE Confidence: 0.8254518

00:58:02.086 --> 00:58:03.678 regulatory manager, Christine Lee.

NOTE Confidence: 0.8254518

00:58:03.680 --> 00:58:05.072 It really does take the hard work of

NOTE Confidence: 0.8254518

00:58:05.072 --> 00:58:06.366 everyone to make what we do possible.

NOTE Confidence: 0.78598315

00:58:07.490 --> 00:58:08.654 Thanks Kera Ed captain,

NOTE Confidence: 0.78598315

00:58:08.654 --> 00:58:11.046 I don't know if you want to light

NOTE Confidence: 0.78598315

00:58:11.046 --> 00:58:12.900 up your camera, but I just want.
NOTE Confidence: 0.78598315

00:58:12.900 --> 00:58:15.388 I just thank you for all you do for
NOTE Confidence: 0.78598315

00:58:15.388 --> 00:58:16.973 for multiple teams with certainly
NOTE Confidence: 0.78598315

00:58:16.973 --> 00:58:19.287 the lung Groupon and the lung Spore.
NOTE Confidence: 0.78598315

00:58:19.290 --> 00:58:21.298 And if you are able to say a
NOTE Confidence: 0.78598315

00:58:21.298 --> 00:58:23.483 little bit about big data and how
NOTE Confidence: 0.78598315

00:58:23.483 --> 00:58:25.490 we're using the database at Yale.
NOTE Confidence: 0.843073

00:58:27.770 --> 00:58:28.654 Hi Roy, I wasn't expecting
NOTE Confidence: 0.843073

00:58:28.654 --> 00:58:29.534 to be on camera here.
NOTE Confidence: 0.843073

00:58:29.540 --> 00:58:30.779 I have the sun in my eyes
NOTE Confidence: 0.843073

00:58:30.779 --> 00:58:31.838 and I gotta get you in
NOTE Confidence: 0.843073

00:58:31.840 --> 00:58:32.368 front of me.
NOTE Confidence: 0.8308418

00:58:34.110 --> 00:58:35.916 Yeah, so Wade Schultz with the
NOTE Confidence: 0.8308418

00:58:35.916 --> 00:58:37.422 hospital has been working very
NOTE Confidence: 0.8308418

00:58:37.422 --> 00:58:38.930 hard to get his computational
NOTE Confidence: 0.8308418

00:58:38.930 --> 00:58:40.430 health platform up and running,

NOTE Confidence: 0.8308418

00:58:40.430 --> 00:58:43.480 and I think we finally have. Have

NOTE Confidence: 0.8062891

00:58:43.480 --> 00:58:45.984 it to a point where we can start

NOTE Confidence: 0.8062891

00:58:45.990 --> 00:58:48.494 to use it with with our science with

NOTE Confidence: 0.8062891

00:58:48.494 --> 00:58:50.680 our patients, so it should be exciting.

NOTE Confidence: 0.8062891

00:58:50.680 --> 00:58:52.556 He just gave a presentation last

NOTE Confidence: 0.8062891

00:58:52.556 --> 00:58:54.748 week on the new C bio portal

NOTE Confidence: 0.8062891

00:58:54.748 --> 00:58:56.319 implementation that he has there.

NOTE Confidence: 0.8062891

00:58:56.320 --> 00:58:59.134 So a lot of our data will be going

NOTE Confidence: 0.8062891

00:58:59.134 --> 00:59:01.006 into that system that we can,

NOTE Confidence: 0.8062891

00:59:01.010 --> 00:59:02.892 you know, sort of democratize our

NOTE Confidence: 0.8062891

00:59:02.892 --> 00:59:04.456 our data for research purposes.

NOTE Confidence: 0.8062891

00:59:04.456 --> 00:59:06.016 So that should be good.

NOTE Confidence: 0.8539841

00:59:07.680 --> 00:59:10.074 We have a few questions where we're at time,

NOTE Confidence: 0.8539841

00:59:10.080 --> 00:59:11.823 but you know this is like having

NOTE Confidence: 0.8539841

00:59:11.823 --> 00:59:13.020 our first Cabinet meeting.

NOTE Confidence: 0.8539841

00:59:13.020 --> 00:59:15.085 It's great, so I'm going to say
NOTE Confidence: 0.8539841

00:59:15.085 --> 00:59:17.089 there are three great issues that
NOTE Confidence: 0.8539841

00:59:17.089 --> 00:59:19.183 we have to attack tackle access.
NOTE Confidence: 0.8539841

00:59:19.190 --> 00:59:20.370 Um community and impact.
NOTE Confidence: 0.8539841

00:59:20.370 --> 00:59:22.838 Now these are three things I'd love to see.
NOTE Confidence: 0.8539841

00:59:22.840 --> 00:59:24.250 This team really, really tackle.
NOTE Confidence: 0.8539841

00:59:24.250 --> 00:59:26.044 I'm noticing the last three or
NOTE Confidence: 0.8539841

00:59:26.044 --> 00:59:27.548 four minutes anyone from the
NOTE Confidence: 0.8539841

00:59:27.548 --> 00:59:29.305 panel want to give me some ideas,
NOTE Confidence: 0.8539841

00:59:29.310 --> 00:59:30.990 something that how we get it.
NOTE Confidence: 0.8539841

00:59:30.990 --> 00:59:33.118 How we do that, how we get more
NOTE Confidence: 0.8539841

00:59:33.118 --> 00:59:34.649 patients treated here on protocol?
NOTE Confidence: 0.8539841

00:59:34.650 --> 00:59:36.631 How are we going to have even
NOTE Confidence: 0.8539841

00:59:36.631 --> 00:59:38.298 a bigger impact in our work?
NOTE Confidence: 0.8539841

00:59:38.300 --> 00:59:40.548 And how are we going to do sei?
NOTE Confidence: 0.8539841

00:59:40.550 --> 00:59:41.950 Which is just so important?

NOTE Confidence: 0.8539841

00:59:41.950 --> 00:59:44.506 Treat the people that live in our in our

NOTE Confidence: 0.8539841

00:59:44.506 --> 00:59:46.445 community and want to comment on that.

NOTE Confidence: 0.7960199

00:59:49.090 --> 00:59:51.394 I'll say and in terms of clinical trials.

NOTE Confidence: 0.7960199

00:59:51.400 --> 00:59:53.472 You know, we've done a lot of this

NOTE Confidence: 0.7960199

00:59:53.472 --> 00:59:55.448 over the last few years already,

NOTE Confidence: 0.7960199

00:59:55.450 --> 00:59:57.046 and I think it's worked incredibly

NOTE Confidence: 0.7960199

00:59:57.046 --> 00:59:58.823 well where you showed our clinical

NOTE Confidence: 0.7960199

00:59:58.823 --> 01:00:00.222 trials numbers. I think we.

NOTE Confidence: 0.7960199

01:00:00.222 --> 01:00:02.410 I don't feel like we could do better,

NOTE Confidence: 0.7960199

01:00:02.410 --> 01:00:04.356 but we I think we've been doing very

NOTE Confidence: 0.7960199

01:00:04.356 --> 01:00:06.057 well in trying to bring our trials

NOTE Confidence: 0.7960199

01:00:06.057 --> 01:00:07.854 to the community as much as possible

NOTE Confidence: 0.7960199

01:00:07.854 --> 01:00:09.927 and a huge part of that is, there's.

NOTE Confidence: 0.7960199

01:00:09.927 --> 01:00:13.196 People in all of our care centers.

NOTE Confidence: 0.7960199

01:00:13.200 --> 01:00:15.200 Or maybe I'll say most of our care

NOTE Confidence: 0.7960199

01:00:15.200 --> 01:00:17.166 centers who really join in our weekly
NOTE Confidence: 0.7960199

01:00:17.166 --> 01:00:19.116 meetings and their part of the team
NOTE Confidence: 0.7960199

01:00:19.116 --> 01:00:21.028 they you know they give input on to
NOTE Confidence: 0.7960199

01:00:21.030 --> 01:00:22.822 what trials we should open and what
NOTE Confidence: 0.7960199

01:00:22.822 --> 01:00:24.948 would be good to have in the Community.
NOTE Confidence: 0.7960199

01:00:24.950 --> 01:00:26.750 And I think we all make every effort
NOTE Confidence: 0.7960199

01:00:26.750 --> 01:00:28.766 to open trials and bring the protocols
NOTE Confidence: 0.7960199

01:00:28.766 --> 01:00:30.689 to the care centers whenever we can,
NOTE Confidence: 0.7960199

01:00:30.690 --> 01:00:31.990 and when that's not possible,
NOTE Confidence: 0.7960199

01:00:31.990 --> 01:00:33.880 I think having all the clinicians
NOTE Confidence: 0.7960199

01:00:33.880 --> 01:00:35.675 informed about what's available at the
NOTE Confidence: 0.7960199

01:00:35.675 --> 01:00:37.127 main campus is also really important
NOTE Confidence: 0.7960199

01:00:37.127 --> 01:00:38.780 and we try to do that as well.
NOTE Confidence: 0.7960199

01:00:38.780 --> 01:00:40.800 So I think that brings.
NOTE Confidence: 0.7960199

01:00:40.800 --> 01:00:41.505 And best carrot,
NOTE Confidence: 0.7960199

01:00:41.505 --> 01:00:43.442 I think most of us agree is on a

NOTE Confidence: 0.7960199

01:00:43.442 --> 01:00:45.103 trial it to to the places where the

NOTE Confidence: 0.7960199

01:00:45.103 --> 01:00:46.790 patients are being treated and an if

NOTE Confidence: 0.7960199

01:00:46.790 --> 01:00:48.816 not bringing the patients to the trials.

NOTE Confidence: 0.870627

01:00:50.110 --> 01:00:52.540 Any other comments or thoughts?

NOTE Confidence: 0.870627

01:00:52.540 --> 01:00:53.708 Vinny, you're in Bridgeport.

NOTE Confidence: 0.870627

01:00:53.708 --> 01:00:55.460 That's an area that certainly I

NOTE Confidence: 0.870627

01:00:55.518 --> 01:00:57.006 would hope you'd want to reach

NOTE Confidence: 0.870627

01:00:57.006 --> 01:00:58.532 out to the community and help

NOTE Confidence: 0.870627

01:00:58.532 --> 01:01:00.230 people to navigate and get in. How

NOTE Confidence: 0.8672376

01:01:00.230 --> 01:01:01.290 are you guys doing

NOTE Confidence: 0.8672376

01:01:01.290 --> 01:01:03.386 that? Yeah, I think you know you in

NOTE Confidence: 0.8672376

01:01:03.386 --> 01:01:04.997 your introductory you showed a picture.

NOTE Confidence: 0.8672376

01:01:05.000 --> 01:01:06.743 I think you were at a church

NOTE Confidence: 0.8672376

01:01:06.743 --> 01:01:08.180 or you were out there.

NOTE Confidence: 0.8672376

01:01:08.180 --> 01:01:10.028 You know getting to know the community,

NOTE Confidence: 0.8672376

01:01:10.030 --> 01:01:11.620 and I think that's you know,
NOTE Confidence: 0.8672376

01:01:11.620 --> 01:01:13.006 that's one of the key things
NOTE Confidence: 0.8672376

01:01:13.006 --> 01:01:14.800 is in order to improve access,
NOTE Confidence: 0.8672376

01:01:14.800 --> 01:01:16.445 you have to get out their boots
NOTE Confidence: 0.8672376

01:01:16.445 --> 01:01:17.799 on the ground to understand
NOTE Confidence: 0.8672376

01:01:17.799 --> 01:01:19.563 what some of the obstacles are,
NOTE Confidence: 0.8672376

01:01:19.570 --> 01:01:21.425 what some of the knowledge deficits are.
NOTE Confidence: 0.8672376

01:01:21.430 --> 01:01:22.900 So you know, we've had.
NOTE Confidence: 0.8672376

01:01:22.900 --> 01:01:25.780 You know I've had a lot of you know,
NOTE Confidence: 0.8672376

01:01:25.780 --> 01:01:28.340 you know, lunch meals that you know the,
NOTE Confidence: 0.8672376

01:01:28.340 --> 01:01:30.594 you know we've been fortunate enough to
NOTE Confidence: 0.8672376

01:01:30.594 --> 01:01:33.136 get out there pre covid to meet people,
NOTE Confidence: 0.8672376

01:01:33.140 --> 01:01:34.740 meet different primary care doctors.
NOTE Confidence: 0.8672376

01:01:34.740 --> 01:01:36.340 I've given a couple talks.
NOTE Confidence: 0.8672376

01:01:36.340 --> 01:01:38.900 One was at the home for the Brave,
NOTE Confidence: 0.8672376

01:01:38.900 --> 01:01:40.916 a place in Bridgeport that actually

NOTE Confidence: 0.8672376

01:01:40.916 --> 01:01:42.905 houses homeless veterans to talk about

NOTE Confidence: 0.8672376

01:01:42.905 --> 01:01:44.977 lung cancer screening to kind of learn,

NOTE Confidence: 0.8672376

01:01:44.980 --> 01:01:47.832 not just give a talk, but to learn about,

NOTE Confidence: 0.8672376

01:01:47.832 --> 01:01:50.414 you know what the access issues are to

NOTE Confidence: 0.8672376

01:01:50.414 --> 01:01:52.654 get those folks plugged into our system,

NOTE Confidence: 0.8672376

01:01:52.660 --> 01:01:53.551 'cause sometimes they.

NOTE Confidence: 0.8672376

01:01:53.551 --> 01:01:54.739 They just don't know.

NOTE Confidence: 0.8672376

01:01:54.740 --> 01:01:56.348 There are still people in the

NOTE Confidence: 0.8672376

01:01:56.348 --> 01:01:57.894 community that think that the Yale

NOTE Confidence: 0.8672376

01:01:57.894 --> 01:01:59.574 is just down in New Haven and it's

NOTE Confidence: 0.8672376

01:01:59.622 --> 01:02:01.170 getting out there to educate them

NOTE Confidence: 0.8672376

01:02:01.170 --> 01:02:02.954 that you know we're right next door.

NOTE Confidence: 0.8672376

01:02:02.954 --> 01:02:04.442 You don't have to go far,

NOTE Confidence: 0.8672376

01:02:04.450 --> 01:02:05.854 so that's that's one of the

NOTE Confidence: 0.8672376

01:02:05.854 --> 01:02:07.190 methods boots on the ground.

NOTE Confidence: 0.7838845

01:02:08.090 --> 01:02:09.050 Hey, any other accounts,
NOTE Confidence: 0.7838845

01:02:09.050 --> 01:02:10.490 if they have one final question,
NOTE Confidence: 0.7838845

01:02:10.490 --> 01:02:12.410 I see Vince DVD on the line so we had
NOTE Confidence: 0.7838845

01:02:12.469 --> 01:02:14.142 a grand rounds three or four years
NOTE Confidence: 0.7838845

01:02:14.142 --> 01:02:16.008 ago when we talked about actions,
NOTE Confidence: 0.7838845

01:02:16.010 --> 01:02:17.242 disease and curing that
NOTE Confidence: 0.7838845

01:02:17.242 --> 01:02:18.782 can we cure lung cancer.
NOTE Confidence: 0.7838845

01:02:18.790 --> 01:02:20.420 What do people think, Scott?
NOTE Confidence: 0.7614298

01:02:22.480 --> 01:02:24.015 Depends on how you define cure,
NOTE Confidence: 0.7614298

01:02:24.015 --> 01:02:30.790 but yes. Radeker yes, I think so.
NOTE Confidence: 0.7614298

01:02:30.790 --> 01:02:32.542 In what way with chemo radiation
NOTE Confidence: 0.7614298

01:02:32.542 --> 01:02:34.320 or with the targeted therapies,
NOTE Confidence: 0.7614298

01:02:34.320 --> 01:02:35.928 the immunotherapy? I
NOTE Confidence: 0.8797916

01:02:35.930 --> 01:02:37.477 mean, I think ultimately we're going to
NOTE Confidence: 0.8797916

01:02:37.477 --> 01:02:39.150 turn this into a chronic disease, right?
NOTE Confidence: 0.817347

01:02:40.130 --> 01:02:41.210 So you will see that over

NOTE Confidence: 0.817347
01:02:41.210 --> 01:02:42.300 the course of your careers,
NOTE Confidence: 0.817347
01:02:42.300 --> 01:02:43.868 what do you think Katie from the lab?
NOTE Confidence: 0.817347
01:02:43.870 --> 01:02:45.705 What's the most exciting thing
NOTE Confidence: 0.817347
01:02:45.705 --> 01:02:47.950 coming out of the lab? Well,
NOTE Confidence: 0.8567656
01:02:47.950 --> 01:02:49.990 I think we're releasing some
NOTE Confidence: 0.8567656
01:02:49.990 --> 01:02:52.660 drugs that are now showing efficacy
NOTE Confidence: 0.8567656
01:02:52.660 --> 01:02:55.122 on some targets that have for
NOTE Confidence: 0.8567656
01:02:55.122 --> 01:02:57.764 a long time been thought to be
NOTE Confidence: 0.8567656
01:02:57.764 --> 01:02:59.400 undruggable targets, for example,
NOTE Confidence: 0.8567656
01:02:59.400 --> 01:03:01.860 like drugs that are targeting carass,
NOTE Confidence: 0.8567656
01:03:01.860 --> 01:03:03.905 which accounts for quite a
NOTE Confidence: 0.8567656
01:03:03.905 --> 01:03:05.950 large subset of lung cancers.
NOTE Confidence: 0.8567656
01:03:05.950 --> 01:03:10.040 And so when we start to see things like that.
NOTE Confidence: 0.8567656
01:03:10.040 --> 01:03:12.446 So our understanding and having drugs
NOTE Confidence: 0.8567656
01:03:12.446 --> 01:03:14.535 that can target these undruggable
NOTE Confidence: 0.8567656

01:03:14.535 --> 01:03:17.746 targets an you add on to that then.
NOTE Confidence: 0.8567656

01:03:17.746 --> 01:03:19.476 Other modalities of treating this
NOTE Confidence: 0.8567656

01:03:19.476 --> 01:03:21.931 disease and then bringing it into earlier
NOTE Confidence: 0.8567656

01:03:21.931 --> 01:03:23.626 stages and screening and detection.
NOTE Confidence: 0.8567656

01:03:23.630 --> 01:03:26.017 I think we're going to see even
NOTE Confidence: 0.8567656

01:03:26.017 --> 01:03:27.753 more improvements in survival than
NOTE Confidence: 0.8567656

01:03:27.753 --> 01:03:30.321 we have seen in the past few years.
NOTE Confidence: 0.83834445

01:03:30.930 --> 01:03:32.478 I agree we have to end,
NOTE Confidence: 0.83834445

01:03:32.480 --> 01:03:34.300 but Vince just run in the chat.
NOTE Confidence: 0.83834445

01:03:34.300 --> 01:03:36.169 You already are in a few cases
NOTE Confidence: 0.83834445

01:03:36.169 --> 01:03:37.917 which coming from him means a lot.
NOTE Confidence: 0.83834445

01:03:37.920 --> 01:03:39.740 I think that we're making a difference,
NOTE Confidence: 0.83834445

01:03:39.740 --> 01:03:41.810 but it only matters if we get access.
NOTE Confidence: 0.83834445

01:03:41.810 --> 01:03:43.102 If we screen people and
NOTE Confidence: 0.83834445

01:03:43.102 --> 01:03:44.134 we find these mutations,
NOTE Confidence: 0.83834445

01:03:44.140 --> 01:03:45.638 we figure out how to treat resistance

NOTE Confidence: 0.83834445

01:03:45.638 --> 01:03:47.250 and then of course immunotherapy.

NOTE Confidence: 0.83834445

01:03:47.250 --> 01:03:49.056 And we need to personalize that Kurt.

NOTE Confidence: 0.83834445

01:03:49.060 --> 01:03:51.124 I think some of the work you're doing,

NOTE Confidence: 0.83834445

01:03:51.130 --> 01:03:52.750 you know with all your quantitative

NOTE Confidence: 0.83834445

01:03:52.750 --> 01:03:54.118 unit chemistry with David and

NOTE Confidence: 0.83834445

01:03:54.118 --> 01:03:55.333 others that that perhaps could

NOTE Confidence: 0.83834445

01:03:55.333 --> 01:03:56.570 have our role there, correct?

NOTE Confidence: 0.8279489

01:03:57.410 --> 01:03:59.168 Yeah, you know, I think Roy,

NOTE Confidence: 0.8279489

01:03:59.170 --> 01:04:00.928 I think that it's critical to

NOTE Confidence: 0.8279489

01:04:00.928 --> 01:04:02.100 understand the patients better,

NOTE Confidence: 0.8279489

01:04:02.100 --> 01:04:04.308 not only have new drugs have being able

NOTE Confidence: 0.8279489

01:04:04.308 --> 01:04:06.786 to use the drugs in the right patient,

NOTE Confidence: 0.8279489

01:04:06.790 --> 01:04:08.548 and that I think is what

NOTE Confidence: 0.8279489

01:04:08.548 --> 01:04:09.720 we're achieving and expanding,

NOTE Confidence: 0.8279489

01:04:09.720 --> 01:04:10.888 and that will certainly

NOTE Confidence: 0.8279489

01:04:10.888 --> 01:04:12.056 contribute to better care.

NOTE Confidence: 0.8731073

01:04:12.950 --> 01:04:14.980 Well, listen, it's been a great panel

NOTE Confidence: 0.8731073

01:04:14.980 --> 01:04:17.094 and we've had our first Cabinet meeting

NOTE Confidence: 0.8731073

01:04:17.094 --> 01:04:19.440 in public and will do more of these.

NOTE Confidence: 0.8731073

01:04:19.440 --> 01:04:20.720 And we're going to.

NOTE Confidence: 0.8731073

01:04:20.720 --> 01:04:23.949 The goal is to raise the bar for patients.

NOTE Confidence: 0.8731073

01:04:23.950 --> 01:04:25.931 Uh, and and do it. We have all

NOTE Confidence: 0.8731073

01:04:25.931 --> 01:04:27.660 the pieces in place at the center.

NOTE Confidence: 0.8731073

01:04:27.660 --> 01:04:29.142 We're going to do this in

NOTE Confidence: 0.8731073

01:04:29.142 --> 01:04:30.130 other disease areas too.

NOTE Confidence: 0.8731073

01:04:30.130 --> 01:04:30.919 Thank you Kevin.

NOTE Confidence: 0.8731073

01:04:30.919 --> 01:04:32.497 Best for all your help and

NOTE Confidence: 0.8731073

01:04:32.497 --> 01:04:33.577 inspiration to all the team.

NOTE Confidence: 0.8731073

01:04:33.580 --> 01:04:35.330 And really there are so many other

NOTE Confidence: 0.8731073

01:04:35.330 --> 01:04:37.174 people that aren't on the panel that are

NOTE Confidence: 0.8731073

01:04:37.174 --> 01:04:39.019 part of this and we're really thankful.

NOTE Confidence: 0.8731073

01:04:39.020 --> 01:04:41.532 Thank you all and see you next week

NOTE Confidence: 0.8731073

01:04:41.532 --> 01:04:42.740 at grand rounds.

NOTE Confidence: 0.8731073

01:04:42.740 --> 01:04:43.390 Thank you.