

WEBVTT

NOTE duration:"00:54:39"

NOTE recognizability:0.841

NOTE language:en-us

NOTE Confidence: 0.9211277633333333

00:00:00.000 --> 00:00:01.640 Let's get started because we

NOTE Confidence: 0.9211277633333333

00:00:01.640 --> 00:00:04.529 have a lot to go through tonight.

NOTE Confidence: 0.9211277633333333

00:00:04.530 --> 00:00:07.000 Welcome to smaller shares with

NOTE Confidence: 0.9211277633333333

00:00:07.000 --> 00:00:09.871 primary care. Let's see, Renee,

NOTE Confidence: 0.9211277633333333

00:00:09.871 --> 00:00:13.230 do we have the? Slides up.

NOTE Confidence: 0.8605499425

00:00:16.960 --> 00:00:19.296 My name is, my name is Anne Chang.

NOTE Confidence: 0.8605499425

00:00:19.300 --> 00:00:21.652 I'm a medical oncologist and chief

NOTE Confidence: 0.8605499425

00:00:21.652 --> 00:00:24.140 integration Officer, Deputy CMO for SMILO,

NOTE Confidence: 0.8605499425

00:00:24.140 --> 00:00:27.870 and this is a series that Karen Brown.

NOTE Confidence: 0.830999295

00:00:30.480 --> 00:00:36.120 And I put together a really focusing on

NOTE Confidence: 0.830999295

00:00:36.120 --> 00:00:39.456 primary care and relationship with smile.

NOTE Confidence: 0.830999295

00:00:39.460 --> 00:00:43.737 Can you advance to the next slide?

NOTE Confidence: 0.830999295

00:00:43.740 --> 00:00:46.743 Thanks. So it's a monthly lecture series

NOTE Confidence: 0.830999295

00:00:46.743 --> 00:00:49.434 that really focuses on primary care
NOTE Confidence: 0.830999295

00:00:49.434 --> 00:00:51.649 perspectives on cancer and hematology
NOTE Confidence: 0.830999295

00:00:51.649 --> 00:00:54.613 and this is really done with Karen
NOTE Confidence: 0.830999295

00:00:54.613 --> 00:00:56.972 together the faculty panel has primary
NOTE Confidence: 0.830999295

00:00:56.972 --> 00:00:59.436 care docs as well as smaller physicians
NOTE Confidence: 0.830999295

00:00:59.436 --> 00:01:02.400 and we we'd like to focus on a a
NOTE Confidence: 0.830999295

00:01:02.400 --> 00:01:04.624 particular region even though our our
NOTE Confidence: 0.830999295

00:01:04.624 --> 00:01:07.060 audiences from across the entire network.
NOTE Confidence: 0.830999295

00:01:07.060 --> 00:01:09.394 So today we're doing lung cancer
NOTE Confidence: 0.830999295

00:01:09.394 --> 00:01:11.725 for lung Cancer Awareness Week and
NOTE Confidence: 0.830999295

00:01:11.725 --> 00:01:13.837 really in Bridgeport and this is.
NOTE Confidence: 0.830999295

00:01:13.840 --> 00:01:16.290 Always the first Tuesday of the month
NOTE Confidence: 0.830999295

00:01:16.290 --> 00:01:18.977 from 5:00 to 6:00 PM and you know,
NOTE Confidence: 0.830999295

00:01:18.977 --> 00:01:21.988 this is really to there's so much going
NOTE Confidence: 0.830999295

00:01:21.988 --> 00:01:24.928 on in cancer and hematology right now.
NOTE Confidence: 0.830999295

00:01:24.930 --> 00:01:26.890 That that we felt that this is

NOTE Confidence: 0.830999295

00:01:26.890 --> 00:01:28.409 really important to share with,

NOTE Confidence: 0.830999295

00:01:28.410 --> 00:01:30.595 with primary care and specifically

NOTE Confidence: 0.830999295

00:01:30.595 --> 00:01:32.780 around questions that you have.

NOTE Confidence: 0.830999295

00:01:32.780 --> 00:01:34.348 Karen, do you want to add anything?

NOTE Confidence: 0.887864422333333

00:01:35.890 --> 00:01:37.494 Just echo, you're welcome.

NOTE Confidence: 0.887864422333333

00:01:37.494 --> 00:01:40.344 And we have an expression at NE

NOTE Confidence: 0.887864422333333

00:01:40.344 --> 00:01:42.899 Medical Group in primary care as we

NOTE Confidence: 0.887864422333333

00:01:42.899 --> 00:01:45.598 keep trying to work smarter not harder

NOTE Confidence: 0.887864422333333

00:01:45.598 --> 00:01:48.241 and and that's because we we have a

NOTE Confidence: 0.887864422333333

00:01:48.241 --> 00:01:50.420 lot to do in the primary Care World.

NOTE Confidence: 0.887864422333333

00:01:50.420 --> 00:01:53.540 And so sessions like this are

NOTE Confidence: 0.887864422333333

00:01:53.540 --> 00:01:55.708 invaluable to help kind of guide us

NOTE Confidence: 0.887864422333333

00:01:55.708 --> 00:01:58.876 in in the collaborative approach to

NOTE Confidence: 0.887864422333333

00:01:58.876 --> 00:02:00.916 new malignancy and making sure our

NOTE Confidence: 0.887864422333333

00:02:00.916 --> 00:02:02.380 patients get the care they need.

NOTE Confidence: 0.887864422333333

00:02:02.380 --> 00:02:03.988 So I'm, I'm thrilled that we're
NOTE Confidence: 0.887864422333333

00:02:03.988 --> 00:02:05.480 getting this off the ground.
NOTE Confidence: 0.792512715

00:02:07.270 --> 00:02:11.248 Fantastic. So it's very case based.
NOTE Confidence: 0.792512715

00:02:11.250 --> 00:02:13.350 We actually have three cases tonight.
NOTE Confidence: 0.792512715

00:02:13.350 --> 00:02:15.426 I'm going to talk through aspects
NOTE Confidence: 0.792512715

00:02:15.426 --> 00:02:17.356 of screening and locally advanced
NOTE Confidence: 0.792512715

00:02:17.356 --> 00:02:19.268 disease and metastatic disease.
NOTE Confidence: 0.792512715

00:02:19.270 --> 00:02:21.468 We do want to have some some
NOTE Confidence: 0.792512715

00:02:21.468 --> 00:02:23.829 time at the end for open Q&A.
NOTE Confidence: 0.792512715

00:02:23.830 --> 00:02:26.318 So if you have and we encourage you
NOTE Confidence: 0.792512715

00:02:26.318 --> 00:02:28.130 to submit your questions either
NOTE Confidence: 0.792512715

00:02:28.130 --> 00:02:30.741 through the chat you can do that
NOTE Confidence: 0.792512715

00:02:30.815 --> 00:02:32.595 during the the presentation or you
NOTE Confidence: 0.792512715

00:02:32.595 --> 00:02:34.755 can wait till the end or or unmute
NOTE Confidence: 0.792512715

00:02:34.755 --> 00:02:36.470 and and well actually I think I
NOTE Confidence: 0.792512715

00:02:36.530 --> 00:02:38.258 guess it goes through the chat.

NOTE Confidence: 0.792512715

00:02:38.260 --> 00:02:42.524 So, so with the with no further ado,

NOTE Confidence: 0.792512715

00:02:42.530 --> 00:02:45.596 let's get going and introduce our panelists.

NOTE Confidence: 0.792512715

00:02:45.600 --> 00:02:46.560 Karen, do you want to start?

NOTE Confidence: 0.83872366

00:02:47.960 --> 00:02:51.480 Sure. So I'd like to introduce

NOTE Confidence: 0.83872366

00:02:51.480 --> 00:02:52.956 Doctor Steve Benaderet,

NOTE Confidence: 0.8927836825

00:02:52.960 --> 00:02:55.848 a Michigan native family

NOTE Confidence: 0.8927836825

00:02:55.848 --> 00:02:58.736 medicine specialist in Westport.

NOTE Confidence: 0.8927836825

00:02:58.740 --> 00:02:59.976 Under his leadership,

NOTE Confidence: 0.8927836825

00:02:59.976 --> 00:03:02.448 patient care and quality scores have

NOTE Confidence: 0.8927836825

00:03:02.448 --> 00:03:04.616 been amongst the highest in any MG

NOTE Confidence: 0.8927836825

00:03:04.616 --> 00:03:07.545 and he is now the anchor of a new

NOTE Confidence: 0.8927836825

00:03:07.545 --> 00:03:09.280 and expanded primary care office.

NOTE Confidence: 0.8927836825

00:03:09.280 --> 00:03:11.152 He graduated from New York Medical

NOTE Confidence: 0.8927836825

00:03:11.152 --> 00:03:12.861 College and completed his family

NOTE Confidence: 0.8927836825

00:03:12.861 --> 00:03:14.896 practice residency at Stanford Hospital,

NOTE Confidence: 0.8927836825

00:03:14.900 --> 00:03:17.406 where he also served as chief resident.

NOTE Confidence: 0.8927836825

00:03:17.410 --> 00:03:19.986 He has 12 years of EMG practice

NOTE Confidence: 0.8927836825

00:03:19.986 --> 00:03:22.589 affiliation and is the Regional Medical

NOTE Confidence: 0.8927836825

00:03:22.589 --> 00:03:25.433 director for the Fair Fairfield area.

NOTE Confidence: 0.8927836825

00:03:25.440 --> 00:03:27.350 I'd also like to introduce

NOTE Confidence: 0.8927836825

00:03:27.350 --> 00:03:28.496 Doctor Daniel Rudolph.

NOTE Confidence: 0.8927836825

00:03:28.500 --> 00:03:30.936 Dan is a pulmonologist and Trumbull

NOTE Confidence: 0.8927836825

00:03:30.936 --> 00:03:33.679 and Fairfield and has over 40 years

NOTE Confidence: 0.8927836825

00:03:33.679 --> 00:03:36.122 of experience in the field and over

NOTE Confidence: 0.8927836825

00:03:36.194 --> 00:03:39.140 35 years of affiliation with the

NOTE Confidence: 0.8927836825

00:03:39.140 --> 00:03:41.104 Bridgeport Hospital pulmonary group.

NOTE Confidence: 0.8927836825

00:03:41.110 --> 00:03:45.646 He has extensive experience in sleep apnea.

NOTE Confidence: 0.8927836825

00:03:45.650 --> 00:03:47.198 Pulmonary vascular conditions and

NOTE Confidence: 0.8927836825

00:03:47.198 --> 00:03:49.520 a very special interest in lung

NOTE Confidence: 0.8927836825

00:03:49.583 --> 00:03:51.698 cancer and developed the bronchoscope

NOTE Confidence: 0.8927836825

00:03:51.698 --> 00:03:53.813 program at Bridgeport Hospital to

NOTE Confidence: 0.8927836825

00:03:53.875 --> 00:03:55.432 include endobronchial ultrasound

NOTE Confidence: 0.8927836825

00:03:55.432 --> 00:03:57.508 for staging lung malignancy,

NOTE Confidence: 0.8927836825

00:03:57.510 --> 00:03:59.966 and that's one of the reasons he's here.

NOTE Confidence: 0.8927836825

00:03:59.970 --> 00:04:02.155 He graduated from New York

NOTE Confidence: 0.8927836825

00:04:02.155 --> 00:04:03.388 University in 1982,

NOTE Confidence: 0.8927836825

00:04:03.388 --> 00:04:05.178 attended medical school at NYU,

NOTE Confidence: 0.8927836825

00:04:05.180 --> 00:04:07.220 and completed his pulmonary fellowship

NOTE Confidence: 0.8927836825

00:04:07.220 --> 00:04:08.444 at Albert Einstein.

NOTE Confidence: 0.8927836825

00:04:08.450 --> 00:04:10.388 He has offices in Fairfield and

NOTE Confidence: 0.8927836825

00:04:10.388 --> 00:04:12.484 Trumbull and is accepting new patients

NOTE Confidence: 0.8927836825

00:04:12.484 --> 00:04:14.344 highly regarded in the community.

NOTE Confidence: 0.79628776

00:04:16.580 --> 00:04:18.221 Fantastic. Thank you.

NOTE Confidence: 0.79628776

00:04:18.221 --> 00:04:20.956 I'll introduce Doctor Sarah Goldberg.

NOTE Confidence: 0.79628776

00:04:20.960 --> 00:04:23.354 She got her MD from Mount Sinai

NOTE Confidence: 0.79628776

00:04:23.354 --> 00:04:25.397 and trained in internal medicine

NOTE Confidence: 0.79628776

00:04:25.397 --> 00:04:28.211 at MGH in Boston and completed
NOTE Confidence: 0.79628776

00:04:28.211 --> 00:04:30.339 her fellowship at Dana Farber.
NOTE Confidence: 0.79628776

00:04:30.340 --> 00:04:33.340 She's an associate professor in medicine,
NOTE Confidence: 0.79628776

00:04:33.340 --> 00:04:35.132 the Division division chief
NOTE Confidence: 0.79628776

00:04:35.132 --> 00:04:36.476 for Thoracic Oncology,
NOTE Confidence: 0.79628776

00:04:36.480 --> 00:04:38.825 the research director for the Center of
NOTE Confidence: 0.79628776

00:04:38.825 --> 00:04:40.735 Thoracic Cancers and Associate director
NOTE Confidence: 0.79628776

00:04:40.735 --> 00:04:42.850 of our Hemlock Fellowship program.
NOTE Confidence: 0.79628776

00:04:42.850 --> 00:04:44.950 Her research interests include
NOTE Confidence: 0.79628776

00:04:44.950 --> 00:04:46.525 personalized medicine immunotherapy.
NOTE Confidence: 0.79628776

00:04:46.530 --> 00:04:48.096 A non small cell lung cancer
NOTE Confidence: 0.79628776

00:04:48.096 --> 00:04:49.510 and a focus on EGFR,
NOTE Confidence: 0.79628776

00:04:49.510 --> 00:04:53.230 mutant lung cancer and brain metastases.
NOTE Confidence: 0.79628776

00:04:53.230 --> 00:04:56.242 Doctor Mike Conundrum is a medical
NOTE Confidence: 0.79628776

00:04:56.242 --> 00:04:59.050 oncologist for Smilow Cancer hospital.
NOTE Confidence: 0.79628776

00:04:59.050 --> 00:05:01.288 His primary focus is lung cancer.

NOTE Confidence: 0.79628776

00:05:01.290 --> 00:05:03.730 He also sees breast cancer.

NOTE Confidence: 0.79628776

00:05:03.730 --> 00:05:04.801 He trained it.

NOTE Confidence: 0.79628776

00:05:04.801 --> 00:05:06.586 He went to Med school,

NOTE Confidence: 0.79628776

00:05:06.590 --> 00:05:08.102 also at Mount Sinai,

NOTE Confidence: 0.79628776

00:05:08.102 --> 00:05:10.370 and did his residency at Brown

NOTE Confidence: 0.79628776

00:05:10.453 --> 00:05:12.829 and his fellowship here at Yale.

NOTE Confidence: 0.79628776

00:05:12.830 --> 00:05:15.230 He participates in the disease

NOTE Confidence: 0.79628776

00:05:15.230 --> 00:05:16.670 affiliated research teams.

NOTE Confidence: 0.79628776

00:05:16.670 --> 00:05:19.856 And thoracic oncology and breast cancer.

NOTE Confidence: 0.79628776

00:05:19.860 --> 00:05:22.038 He has been included on Connecticut

NOTE Confidence: 0.79628776

00:05:22.038 --> 00:05:24.283 magazines Top Doc list for several

NOTE Confidence: 0.79628776

00:05:24.283 --> 00:05:26.817 years and his focus is patient centered,

NOTE Confidence: 0.79628776

00:05:26.820 --> 00:05:30.285 compassionate care and and then

NOTE Confidence: 0.79628776

00:05:30.285 --> 00:05:33.057 finally Doctor Mays Benny.

NOTE Confidence: 0.79628776

00:05:33.060 --> 00:05:35.472 Mays is did his thoracic fellowship

NOTE Confidence: 0.79628776

00:05:35.472 --> 00:05:38.121 at the Brigham and Women's Hospital
NOTE Confidence: 0.79628776

00:05:38.121 --> 00:05:40.927 completed his training as in 2016
NOTE Confidence: 0.79628776

00:05:40.927 --> 00:05:43.369 he's the site director for thoracic
NOTE Confidence: 0.79628776

00:05:43.369 --> 00:05:45.064 surgery at Bridgeport Hospital
NOTE Confidence: 0.79628776

00:05:45.064 --> 00:05:47.089 and Park Ave Medical Center.
NOTE Confidence: 0.79628776

00:05:47.090 --> 00:05:50.170 He has over 24 years of army experience,
NOTE Confidence: 0.79628776

00:05:50.170 --> 00:05:52.150 both active and reserve time,
NOTE Confidence: 0.79628776

00:05:52.150 --> 00:05:55.468 and he's been the leader for
NOTE Confidence: 0.79628776

00:05:55.468 --> 00:05:57.127 lung cancer screening.
NOTE Confidence: 0.79628776

00:05:57.130 --> 00:06:00.189 And and Smilo and Bridgeport in the
NOTE Confidence: 0.79628776

00:06:00.189 --> 00:06:03.149 Bridgeport area and promoting military
NOTE Confidence: 0.79628776

00:06:03.149 --> 00:06:05.489 civilian medical affiliations.
NOTE Confidence: 0.79628776

00:06:05.490 --> 00:06:07.675 Welcome to our very distinguished
NOTE Confidence: 0.79628776

00:06:07.675 --> 00:06:09.782 panel tonight. So fantastic.
NOTE Confidence: 0.79628776

00:06:09.782 --> 00:06:14.094 I'm going to turn it over now
NOTE Confidence: 0.79628776

00:06:14.094 --> 00:06:17.250 to Steve and and who's going to

NOTE Confidence: 0.79628776

00:06:17.250 --> 00:06:18.790 lead us off with case number one.

NOTE Confidence: 0.889111136666667

00:06:20.620 --> 00:06:21.838 Great. Thank you so much and thank

NOTE Confidence: 0.889111136666667

00:06:21.838 --> 00:06:23.160 you for the lovely introduction.

NOTE Confidence: 0.889111136666667

00:06:23.160 --> 00:06:25.920 It is overstated.

NOTE Confidence: 0.889111136666667

00:06:25.920 --> 00:06:30.357 So as a primary care doc like you all,

NOTE Confidence: 0.889111136666667

00:06:30.360 --> 00:06:32.495 we run into these things

NOTE Confidence: 0.889111136666667

00:06:32.495 --> 00:06:34.630 all the time that we.

NOTE Confidence: 0.889111136666667

00:06:34.630 --> 00:06:36.558 Do one test and find out something else.

NOTE Confidence: 0.889111136666667

00:06:36.560 --> 00:06:37.838 So the first case is sort

NOTE Confidence: 0.889111136666667

00:06:37.838 --> 00:06:39.010 of based off of that.

NOTE Confidence: 0.889111136666667

00:06:39.010 --> 00:06:42.082 You have your 63 year old male patient

NOTE Confidence: 0.889111136666667

00:06:42.082 --> 00:06:44.350 who's returning for his annual exam.

NOTE Confidence: 0.889111136666667

00:06:44.350 --> 00:06:47.066 He's been your patient for many years,

NOTE Confidence: 0.889111136666667

00:06:47.070 --> 00:06:50.666 struggles with weight BMI 32.3 has lacked

NOTE Confidence: 0.889111136666667

00:06:50.666 --> 00:06:53.250 the motivation to exercise over the years,

NOTE Confidence: 0.889111136666667

00:06:53.250 --> 00:06:55.320 but he's generally healthy and
NOTE Confidence: 0.889111136666667

00:06:55.320 --> 00:06:57.488 socially drinks, has never smoked,
NOTE Confidence: 0.889111136666667

00:06:57.488 --> 00:07:00.164 has no real significant past medical,
NOTE Confidence: 0.889111136666667

00:07:00.170 --> 00:07:01.722 surgical or family history.
NOTE Confidence: 0.889111136666667

00:07:01.722 --> 00:07:04.050 Currently is not taking any medicines,
NOTE Confidence: 0.889111136666667

00:07:04.050 --> 00:07:05.850 doesn't take any supplements
NOTE Confidence: 0.889111136666667

00:07:05.850 --> 00:07:07.200 during your exam.
NOTE Confidence: 0.889111136666667

00:07:07.200 --> 00:07:08.568 You know, no complaints.
NOTE Confidence: 0.889111136666667

00:07:08.568 --> 00:07:10.278 He states he's doing great.
NOTE Confidence: 0.889111136666667

00:07:10.280 --> 00:07:12.505 He's looking forward to his
NOTE Confidence: 0.889111136666667

00:07:12.505 --> 00:07:13.840 upcoming upcoming retirement.
NOTE Confidence: 0.889111136666667

00:07:13.840 --> 00:07:14.219 However,
NOTE Confidence: 0.889111136666667

00:07:14.219 --> 00:07:16.872 in the past few years has LDL
NOTE Confidence: 0.889111136666667

00:07:16.872 --> 00:07:18.957 has continued to change and he
NOTE Confidence: 0.889111136666667

00:07:18.957 --> 00:07:21.098 started off in the low 100 years
NOTE Confidence: 0.889111136666667

00:07:21.098 --> 00:07:22.388 ago and it's been creeping,

NOTE Confidence: 0.889111136666667
00:07:22.390 --> 00:07:23.540 creeping, creeping.
NOTE Confidence: 0.889111136666667
00:07:23.540 --> 00:07:25.840 Now his LDL 158.
NOTE Confidence: 0.889111136666667
00:07:25.840 --> 00:07:27.840 So you appropriately order
NOTE Confidence: 0.889111136666667
00:07:27.840 --> 00:07:29.840 a coronary calcium score,
NOTE Confidence: 0.889111136666667
00:07:29.840 --> 00:07:32.164 which the great news is you get
NOTE Confidence: 0.889111136666667
00:07:32.164 --> 00:07:33.958 a coronary calcium score of 0.
NOTE Confidence: 0.889111136666667
00:07:33.960 --> 00:07:35.624 However incidentally found is,
NOTE Confidence: 0.889111136666667
00:07:35.624 --> 00:07:38.572 and we're going to go over that
NOTE Confidence: 0.889111136666667
00:07:38.572 --> 00:07:40.088 case now with Doctor.
NOTE Confidence: 0.923241833333333
00:07:43.290 --> 00:07:44.178 Thank you, Steve.
NOTE Confidence: 0.854751521428572
00:07:47.740 --> 00:07:49.810 Thank you, Steve.
NOTE Confidence: 0.854751521428572
00:07:49.810 --> 00:07:52.570 This incidental pulmonary nodule
NOTE Confidence: 0.854751521428572
00:07:52.570 --> 00:07:55.927 problem is challenging for both
NOTE Confidence: 0.854751521428572
00:07:55.927 --> 00:07:58.902 primary care and for pulmonologists
NOTE Confidence: 0.854751521428572
00:07:58.902 --> 00:08:01.450 because they're so common.
NOTE Confidence: 0.854751521428572

00:08:01.450 --> 00:08:02.563 The FLEISCHNER criteria,
NOTE Confidence: 0.854751521428572

00:08:02.563 --> 00:08:04.047 which is what radiologists
NOTE Confidence: 0.854751521428572

00:08:04.047 --> 00:08:06.188 based some of their reading on,
NOTE Confidence: 0.854751521428572

00:08:06.190 --> 00:08:08.414 was developed to evaluate
NOTE Confidence: 0.854751521428572

00:08:08.414 --> 00:08:10.638 the risk of malignancy.
NOTE Confidence: 0.854751521428572

00:08:10.640 --> 00:08:13.118 So when we have cases like this,
NOTE Confidence: 0.854751521428572

00:08:13.120 --> 00:08:14.580 what the radiologists don't
NOTE Confidence: 0.854751521428572

00:08:14.580 --> 00:08:16.770 appreciate and what we have to
NOTE Confidence: 0.854751521428572

00:08:16.840 --> 00:08:18.885 appreciate as primary care providers
NOTE Confidence: 0.854751521428572

00:08:18.885 --> 00:08:21.411 and sub specialists who deal with
NOTE Confidence: 0.854751521428572

00:08:21.411 --> 00:08:23.456 this is the risk stratification
NOTE Confidence: 0.854751521428572

00:08:23.456 --> 00:08:25.092 for these pulmonary nodules.
NOTE Confidence: 0.854751521428572

00:08:25.100 --> 00:08:27.680 That's part of the FLEYSHER criteria,
NOTE Confidence: 0.854751521428572

00:08:27.680 --> 00:08:31.238 although the radiologist darn including it.
NOTE Confidence: 0.854751521428572

00:08:31.240 --> 00:08:33.186 But when you look at the fleischner
NOTE Confidence: 0.854751521428572

00:08:33.186 --> 00:08:35.219 criteria on the slide that I brought,

NOTE Confidence: 0.854751521428572
00:08:35.220 --> 00:08:39.336 you can see that it is complicated.
NOTE Confidence: 0.854751521428572
00:08:39.340 --> 00:08:42.700 Algorithms, but if you simplify it,
NOTE Confidence: 0.854751521428572
00:08:42.700 --> 00:08:47.587 there is a low risk and high risk category.
NOTE Confidence: 0.854751521428572
00:08:47.590 --> 00:08:51.650 Which all patients should be evaluated for.
NOTE Confidence: 0.854751521428572
00:08:51.650 --> 00:08:53.250 And as you probably know,
NOTE Confidence: 0.854751521428572
00:08:53.250 --> 00:08:55.299 risk includes smoking,
NOTE Confidence: 0.854751521428572
00:08:55.299 --> 00:08:57.348 chronic lung disease,
NOTE Confidence: 0.854751521428572
00:08:57.350 --> 00:08:59.174 occupational exposure to pulmonary
NOTE Confidence: 0.854751521428572
00:08:59.174 --> 00:09:01.910 toxins and family history of malignancy
NOTE Confidence: 0.854751521428572
00:09:01.977 --> 00:09:03.887 or history of other malignancy.
NOTE Confidence: 0.854751521428572
00:09:03.890 --> 00:09:06.626 So when we look at these incidental nodules,
NOTE Confidence: 0.854751521428572
00:09:06.630 --> 00:09:09.670 not only do we have to look at the size,
NOTE Confidence: 0.854751521428572
00:09:09.670 --> 00:09:14.110 the shape, the morphology, but also have to.
NOTE Confidence: 0.854751521428572
00:09:14.110 --> 00:09:17.536 Understand the risk profile of the
NOTE Confidence: 0.854751521428572
00:09:17.536 --> 00:09:20.610 patients that are being imaged.
NOTE Confidence: 0.854751521428572

00:09:20.610 --> 00:09:20.995 Now,
NOTE Confidence: 0.854751521428572
00:09:20.995 --> 00:09:23.305 one thing about coronary screening that
NOTE Confidence: 0.854751521428572
00:09:23.305 --> 00:09:26.210 you probably know is doesn't have a complete.
NOTE Confidence: 0.854751521428572
00:09:26.210 --> 00:09:26.856 Chest image.
NOTE Confidence: 0.854751521428572
00:09:26.856 --> 00:09:29.890 It includes only about 2/3 of the lung image,
NOTE Confidence: 0.854751521428572
00:09:29.890 --> 00:09:33.470 so it's an incomplete image,
NOTE Confidence: 0.854751521428572
00:09:33.470 --> 00:09:37.845 and it very commonly can have associated
NOTE Confidence: 0.854751521428572
00:09:37.845 --> 00:09:41.867 incidental nodules that have to be evaluated.
NOTE Confidence: 0.854751521428572
00:09:41.870 --> 00:09:42.898 So as a pulmonologist,
NOTE Confidence: 0.854751521428572
00:09:42.898 --> 00:09:44.183 when I deal with this,
NOTE Confidence: 0.854751521428572
00:09:44.190 --> 00:09:45.606 the first thing I do is,
NOTE Confidence: 0.854751521428572
00:09:45.610 --> 00:09:47.350 as I mentioned,
NOTE Confidence: 0.854751521428572
00:09:47.350 --> 00:09:50.250 risk stratify the patient and
NOTE Confidence: 0.854751521428572
00:09:50.250 --> 00:09:52.630 then look at the nodule size,
NOTE Confidence: 0.854751521428572
00:09:52.630 --> 00:09:55.768 because size greater than 6 millimeters,
NOTE Confidence: 0.854751521428572
00:09:55.770 --> 00:09:58.150 if we simplify the algorithm,

NOTE Confidence: 0.854751521428572
00:09:58.150 --> 00:10:01.618 is the most important distinguishing factor.
NOTE Confidence: 0.854751521428572
00:10:01.620 --> 00:10:04.280 Larger than 6 millimeter nodules.
NOTE Confidence: 0.854751521428572
00:10:04.280 --> 00:10:08.028 Need more immediate follow-up.
NOTE Confidence: 0.854751521428572
00:10:08.030 --> 00:10:09.920 Smaller nodules don't
NOTE Confidence: 0.854751521428572
00:10:09.920 --> 00:10:11.810 necessarily need follow-up,
NOTE Confidence: 0.854751521428572
00:10:11.810 --> 00:10:14.575 and unfortunately all the coronary
NOTE Confidence: 0.854751521428572
00:10:14.575 --> 00:10:16.938 screening of nodule cases very
NOTE Confidence: 0.854751521428572
00:10:16.938 --> 00:10:19.650 often need a complete CT image.
NOTE Confidence: 0.854751521428572
00:10:19.650 --> 00:10:20.815 So the question and the
NOTE Confidence: 0.854751521428572
00:10:20.815 --> 00:10:22.180 challenge is when do you do?
NOTE Confidence: 0.863122007210526
00:10:25.500 --> 00:10:27.308 Tools which are two,
NOTE Confidence: 0.863122007210526
00:10:27.308 --> 00:10:29.568 three or 4 millimeters are
NOTE Confidence: 0.863122007210526
00:10:29.568 --> 00:10:32.191 felt to be insignificant if
NOTE Confidence: 0.863122007210526
00:10:32.191 --> 00:10:34.796 the risk stratification is low.
NOTE Confidence: 0.863122007210526
00:10:34.800 --> 00:10:37.470 So unfortunately these are more
NOTE Confidence: 0.863122007210526

00:10:37.470 --> 00:10:40.881 complicated than a simple size and
NOTE Confidence: 0.863122007210526

00:10:40.881 --> 00:10:43.497 recommendation from a radiologist.
NOTE Confidence: 0.863122007210526

00:10:43.500 --> 00:10:45.936 They really have to be looked at
NOTE Confidence: 0.863122007210526

00:10:45.936 --> 00:10:47.390 carefully for risk size,
NOTE Confidence: 0.863122007210526

00:10:47.390 --> 00:10:51.154 shape, and sometimes require
NOTE Confidence: 0.863122007210526

00:10:51.154 --> 00:10:53.631 more immediate follow-up.
NOTE Confidence: 0.863122007210526

00:10:53.631 --> 00:10:55.995 Now classically the recommendations
NOTE Confidence: 0.863122007210526

00:10:55.995 --> 00:10:58.359 are six month follow-ups,
NOTE Confidence: 0.863122007210526

00:10:58.360 --> 00:11:00.936 but sometimes if the risk profile is
NOTE Confidence: 0.863122007210526

00:11:00.936 --> 00:11:03.530 is significant and the size of the
NOTE Confidence: 0.863122007210526

00:11:03.530 --> 00:11:05.660 nodule is greater than 6 millimeters.
NOTE Confidence: 0.863122007210526

00:11:05.660 --> 00:11:08.570 We actually look at a more
NOTE Confidence: 0.863122007210526

00:11:08.570 --> 00:11:10.510 immediate 3 month follow-up.
NOTE Confidence: 0.863122007210526

00:11:10.510 --> 00:11:12.090 But the biggest disadvantage is
NOTE Confidence: 0.863122007210526

00:11:12.090 --> 00:11:14.715 that we don't have a full CT image
NOTE Confidence: 0.863122007210526

00:11:14.715 --> 00:11:16.350 when we're doing these scans.

NOTE Confidence: 0.863122007210526
00:11:16.350 --> 00:11:17.750 If you look at the next slide,
NOTE Confidence: 0.863122007210526
00:11:17.750 --> 00:11:21.416 I try to simplify the FLEISCHNER
NOTE Confidence: 0.863122007210526
00:11:21.416 --> 00:11:24.810 criteria for primary care doctors.
NOTE Confidence: 0.863122007210526
00:11:24.810 --> 00:11:26.808 The size of 6 millimeters is
NOTE Confidence: 0.863122007210526
00:11:26.808 --> 00:11:28.140 a real important issue.
NOTE Confidence: 0.863122007210526
00:11:28.140 --> 00:11:29.532 Greater than 6 millimeters,
NOTE Confidence: 0.863122007210526
00:11:29.532 --> 00:11:32.170 the risk of malignancy is much greater.
NOTE Confidence: 0.863122007210526
00:11:32.170 --> 00:11:34.207 The type of nodule is important too.
NOTE Confidence: 0.863122007210526
00:11:34.210 --> 00:11:36.610 The ground glass nodules that
NOTE Confidence: 0.863122007210526
00:11:36.610 --> 00:11:39.562 are reported are less risk for
NOTE Confidence: 0.863122007210526
00:11:39.562 --> 00:11:41.626 malignant change than solid.
NOTE Confidence: 0.863122007210526
00:11:41.630 --> 00:11:43.465 Nodules and there's an assortment
NOTE Confidence: 0.863122007210526
00:11:43.465 --> 00:11:45.764 of other findings that sometimes are
NOTE Confidence: 0.863122007210526
00:11:45.764 --> 00:11:47.769 included in these reports including
NOTE Confidence: 0.863122007210526
00:11:47.769 --> 00:11:49.809 calcification would suggest it's a
NOTE Confidence: 0.863122007210526

00:11:49.809 --> 00:11:51.699 granuloma benign tree bud abnormalities

NOTE Confidence: 0.863122007210526

00:11:51.699 --> 00:11:53.601 would suggest chronic lung disease.

NOTE Confidence: 0.863122007210526

00:11:53.601 --> 00:11:56.268 So there's a lot of factors that

NOTE Confidence: 0.863122007210526

00:11:56.268 --> 00:11:59.279 could be taken into account when one

NOTE Confidence: 0.863122007210526

00:11:59.279 --> 00:12:01.760 makes a decision about follow up.

NOTE Confidence: 0.863122007210526

00:12:01.760 --> 00:12:05.353 The risk profile, if I can just emphasize,

NOTE Confidence: 0.863122007210526

00:12:05.353 --> 00:12:07.591 is really important and that's where

NOTE Confidence: 0.863122007210526

00:12:07.591 --> 00:12:09.680 the radiologists don't have information.

NOTE Confidence: 0.863122007210526

00:12:09.680 --> 00:12:11.600 You have to really look at

NOTE Confidence: 0.863122007210526

00:12:11.600 --> 00:12:12.560 each individual case.

NOTE Confidence: 0.863122007210526

00:12:12.560 --> 00:12:15.350 This is a patient with a

NOTE Confidence: 0.863122007210526

00:12:15.350 --> 00:12:16.280 coexisting malignancy,

NOTE Confidence: 0.863122007210526

00:12:16.280 --> 00:12:18.623 chronic lung disease,

NOTE Confidence: 0.863122007210526

00:12:18.623 --> 00:12:21.747 exposure to pulmonary toxins.

NOTE Confidence: 0.863122007210526

00:12:21.750 --> 00:12:24.718 That group has to have more immediate follow

NOTE Confidence: 0.863122007210526

00:12:24.718 --> 00:12:28.156 up and a full CT image within three months.

NOTE Confidence: 0.863122007210526

00:12:28.160 --> 00:12:31.597 Others very often that are low risk,

NOTE Confidence: 0.863122007210526

00:12:31.600 --> 00:12:34.200 less than 6 millimeters or

NOTE Confidence: 0.863122007210526

00:12:34.200 --> 00:12:35.760 scattered multiple nodules.

NOTE Confidence: 0.863122007210526

00:12:35.760 --> 00:12:39.634 We can do a longer interval follow-ups

NOTE Confidence: 0.863122007210526

00:12:39.634 --> 00:12:43.920 and each one of those has to be

NOTE Confidence: 0.863122007210526

00:12:43.920 --> 00:12:45.120 taken into account individually.

NOTE Confidence: 0.863122007210526

00:12:45.120 --> 00:12:47.220 Some, if they're very small,

NOTE Confidence: 0.863122007210526

00:12:47.220 --> 00:12:49.257 two or three millimeters do not need,

NOTE Confidence: 0.863122007210526

00:12:49.260 --> 00:12:51.964 if they're low risk, a full CT image.

NOTE Confidence: 0.872048602307692

00:12:54.210 --> 00:12:56.610 So those are the simple fleischner

NOTE Confidence: 0.872048602307692

00:12:56.610 --> 00:12:59.479 principles that I thought we should discuss.

NOTE Confidence: 0.8670515733333333

00:13:01.610 --> 00:13:03.326 In this particular case,

NOTE Confidence: 0.8670515733333333

00:13:03.326 --> 00:13:06.868 if the risk profile was low and the

NOTE Confidence: 0.8670515733333333

00:13:06.868 --> 00:13:09.526 nodule was less than 6 millimeters,

NOTE Confidence: 0.8670515733333333

00:13:09.530 --> 00:13:11.816 we might not have to consider

NOTE Confidence: 0.8670515733333333

00:13:11.816 --> 00:13:14.610 a full CT image and follow up,
NOTE Confidence: 0.8670515733333333

00:13:14.610 --> 00:13:16.878 particularly if the patient is a
NOTE Confidence: 0.8670515733333333

00:13:16.878 --> 00:13:19.010 younger age group less than 50.
NOTE Confidence: 0.8670515733333333

00:13:19.010 --> 00:13:20.235 If the patient's greater than
NOTE Confidence: 0.8670515733333333

00:13:20.235 --> 00:13:21.900 50 and there was risk factors,
NOTE Confidence: 0.8670515733333333

00:13:21.900 --> 00:13:24.108 then we'd have to do a full CT
NOTE Confidence: 0.8670515733333333

00:13:24.108 --> 00:13:26.017 image within three to six months.
NOTE Confidence: 0.9159616766666667

00:13:30.720 --> 00:13:32.997 We can move on to the next phase or?
NOTE Confidence: 0.6820987533333333

00:13:35.270 --> 00:13:39.266 A discussion of screening CT imaging,
NOTE Confidence: 0.6820987533333333

00:13:39.270 --> 00:13:40.536 Steve, if you want to go.
NOTE Confidence: 0.8448058316666667

00:13:51.000 --> 00:13:54.456 Sorry about that. Stuck on mute.
NOTE Confidence: 0.8448058316666667

00:13:54.460 --> 00:13:58.320 Um, so case number 2.
NOTE Confidence: 0.9152975733333333

00:14:02.250 --> 00:14:04.833 So your 52 year old female patient
NOTE Confidence: 0.9152975733333333

00:14:04.833 --> 00:14:06.910 returns for her annual exam.
NOTE Confidence: 0.9152975733333333

00:14:06.910 --> 00:14:08.920 She's relatively new to your practice.
NOTE Confidence: 0.9152975733333333

00:14:08.920 --> 00:14:12.098 She has a past medical history of

NOTE Confidence: 0.9152975733333333
00:14:12.098 --> 00:14:14.528 controlled hypertension on an ARB pre
NOTE Confidence: 0.9152975733333333
00:14:14.528 --> 00:14:17.756 diabetes that is currently diet controlled.
NOTE Confidence: 0.9152975733333333
00:14:17.760 --> 00:14:19.528 Her family history includes
NOTE Confidence: 0.9152975733333333
00:14:19.528 --> 00:14:21.738 a mother with breast cancer.
NOTE Confidence: 0.9152975733333333
00:14:21.740 --> 00:14:23.462 Fortunately, your patient is up to date
NOTE Confidence: 0.9152975733333333
00:14:23.462 --> 00:14:25.202 with her mammograms, which are normal.
NOTE Confidence: 0.9152975733333333
00:14:25.202 --> 00:14:26.872 She rarely drinks and seems
NOTE Confidence: 0.9152975733333333
00:14:26.872 --> 00:14:28.618 told to watch her sugar.
NOTE Confidence: 0.9152975733333333
00:14:28.620 --> 00:14:30.039 She exercises regularly,
NOTE Confidence: 0.9152975733333333
00:14:30.039 --> 00:14:32.877 but notes occasional mild dyspnea that
NOTE Confidence: 0.9152975733333333
00:14:32.877 --> 00:14:35.677 she believes is from deconditioning.
NOTE Confidence: 0.9152975733333333
00:14:35.680 --> 00:14:38.320 She has a history of smoking at least a pack,
NOTE Confidence: 0.9152975733333333
00:14:38.320 --> 00:14:41.001 or maybe more a day through her
NOTE Confidence: 0.9152975733333333
00:14:41.001 --> 00:14:43.640 college years and into her late 20s.
NOTE Confidence: 0.9152975733333333
00:14:43.640 --> 00:14:46.176 She quit briefly when she decided to have.
NOTE Confidence: 0.886586035714286

00:14:49.790 --> 00:14:52.296 In the past 10 to 50 years.
NOTE Confidence: 0.886586035714286

00:14:52.300 --> 00:14:55.331 Uh, you do the math. She's a smoker.
NOTE Confidence: 0.886586035714286

00:14:55.331 --> 00:14:57.830 She's got a 20 pack year history
NOTE Confidence: 0.886586035714286

00:14:57.912 --> 00:15:00.520 and she is between the ages of say,
NOTE Confidence: 0.886586035714286

00:15:00.520 --> 00:15:03.816 50 and 80. So you order an initial
NOTE Confidence: 0.886586035714286

00:15:03.816 --> 00:15:06.079 lung cancer screening test.
NOTE Confidence: 0.886586035714286

00:15:06.080 --> 00:15:07.900 And the results come back as follows.
NOTE Confidence: 0.897086277

00:15:17.740 --> 00:15:20.596 So let me just jump in
NOTE Confidence: 0.897086277

00:15:20.596 --> 00:15:22.500 about lung cancer screening.
NOTE Confidence: 0.897086277

00:15:22.500 --> 00:15:25.495 There's a another radiologic classification
NOTE Confidence: 0.897086277

00:15:25.495 --> 00:15:29.929 we use called lung rats for evaluating.
NOTE Confidence: 0.897086277

00:15:29.930 --> 00:15:33.829 Pulmonary nodules in this high risk group,
NOTE Confidence: 0.897086277

00:15:33.830 --> 00:15:36.890 it's categorized from one to five.
NOTE Confidence: 0.897086277

00:15:36.890 --> 00:15:40.112 This group includes 20 pack year
NOTE Confidence: 0.897086277

00:15:40.112 --> 00:15:43.777 smokers who are over the age of 50.
NOTE Confidence: 0.897086277

00:15:43.780 --> 00:15:45.236 Of that group, again,

NOTE Confidence: 0.897086277

00:15:45.236 --> 00:15:47.056 I'm going to simplify this.

NOTE Confidence: 0.897086277

00:15:47.060 --> 00:15:50.316 If the nodule is greater than 6 millimeters,

NOTE Confidence: 0.897086277

00:15:50.320 --> 00:15:53.834 we have a much higher concern about

NOTE Confidence: 0.897086277

00:15:53.834 --> 00:15:56.520 malignant potential and three months

NOTE Confidence: 0.897086277

00:15:56.520 --> 00:15:59.778 to six month follow-up is recommended.

NOTE Confidence: 0.897086277

00:15:59.780 --> 00:16:03.007 Above 8 millimeters there is a great

NOTE Confidence: 0.897086277

00:16:03.007 --> 00:16:05.288 concern about malignancy and then

NOTE Confidence: 0.897086277

00:16:05.288 --> 00:16:07.736 further work up with pet imaging

NOTE Confidence: 0.897086277

00:16:07.736 --> 00:16:10.300 and possible biopsy is recommended.

NOTE Confidence: 0.897086277

00:16:10.300 --> 00:16:11.992 Greater than 15 millimeters,

NOTE Confidence: 0.897086277

00:16:11.992 --> 00:16:14.107 which is the highest classification

NOTE Confidence: 0.897086277

00:16:14.107 --> 00:16:15.947 usually is malignant and

NOTE Confidence: 0.897086277

00:16:15.947 --> 00:16:17.300 requires immediate attention.

NOTE Confidence: 0.897086277

00:16:17.300 --> 00:16:20.520 So the screening process a lot similar

NOTE Confidence: 0.897086277

00:16:20.520 --> 00:16:23.597 to incidentals is based on size, shape.

NOTE Confidence: 0.897086277

00:16:23.597 --> 00:16:25.882 However, this group of patients
NOTE Confidence: 0.897086277

00:16:25.882 --> 00:16:27.710 have high risk categories,
NOTE Confidence: 0.897086277

00:16:27.710 --> 00:16:29.550 so they have more immediate.
NOTE Confidence: 0.897086277

00:16:29.550 --> 00:16:32.438 Need for a follow up and all of
NOTE Confidence: 0.897086277

00:16:32.438 --> 00:16:35.348 them need yearly screening scans,
NOTE Confidence: 0.897086277

00:16:35.348 --> 00:16:38.060 low dose screening scans.
NOTE Confidence: 0.897086277

00:16:38.060 --> 00:16:39.810 If I might make a pitch for
NOTE Confidence: 0.897086277

00:16:39.810 --> 00:16:40.980 our pulmonary nodule clinic,
NOTE Confidence: 0.897086277

00:16:40.980 --> 00:16:42.752 because after reviewing all
NOTE Confidence: 0.897086277

00:16:42.752 --> 00:16:44.967 this literature and seeing the
NOTE Confidence: 0.897086277

00:16:44.967 --> 00:16:46.963 challenges of primary care doctors
NOTE Confidence: 0.897086277

00:16:46.963 --> 00:16:49.195 face in dealing with these things,
NOTE Confidence: 0.897086277

00:16:49.200 --> 00:16:52.308 we developed a pulmonary nodule clinic
NOTE Confidence: 0.897086277

00:16:52.308 --> 00:16:55.766 at Smilow and Trumbull to try to deal
NOTE Confidence: 0.897086277

00:16:55.766 --> 00:16:58.610 with the follow up communication
NOTE Confidence: 0.897086277

00:16:58.610 --> 00:17:02.260 and evaluation of these nodules.

NOTE Confidence: 0.897086277

00:17:02.260 --> 00:17:05.620 We have a multidisciplinary clinic.

NOTE Confidence: 0.897086277

00:17:05.620 --> 00:17:08.560 Megan and I karini is the APR.

NOTE Confidence: 0.897086277

00:17:08.560 --> 00:17:11.060 And who's developed it?

NOTE Confidence: 0.897086277

00:17:11.060 --> 00:17:15.486 Who's leading some of the development

NOTE Confidence: 0.897086277

00:17:15.486 --> 00:17:18.430 of this community development?

NOTE Confidence: 0.897086277

00:17:18.430 --> 00:17:19.759 And many Mays,

NOTE Confidence: 0.897086277

00:17:19.759 --> 00:17:22.417 myself and a radiologist at Yale

NOTE Confidence: 0.897086277

00:17:22.417 --> 00:17:25.124 named Doctor Gange is involved in

NOTE Confidence: 0.897086277

00:17:25.124 --> 00:17:27.970 reading all of the scans for us.

NOTE Confidence: 0.897086277

00:17:27.970 --> 00:17:31.425 She's a chest radiologist who's

NOTE Confidence: 0.897086277

00:17:31.425 --> 00:17:35.360 assisted us and allowed us to.

NOTE Confidence: 0.897086277

00:17:35.360 --> 00:17:37.090 Improve the excellence of this

NOTE Confidence: 0.897086277

00:17:37.090 --> 00:17:39.818 clinic so we can give the best care.

NOTE Confidence: 0.897086277

00:17:39.820 --> 00:17:44.174 If you feel that you need help,

NOTE Confidence: 0.897086277

00:17:44.180 --> 00:17:46.636 we have epic link that you can link

NOTE Confidence: 0.897086277

00:17:46.636 --> 00:17:49.156 into at the Montgomery nodule clinic

NOTE Confidence: 0.897086277

00:17:49.156 --> 00:17:51.898 and we will immediately contact the

NOTE Confidence: 0.897086277

00:17:51.979 --> 00:17:54.339 patient and evaluate the patient.

NOTE Confidence: 0.897086277

00:17:54.340 --> 00:17:56.955 Communicate back to the primary

NOTE Confidence: 0.897086277

00:17:56.955 --> 00:17:59.570 care providers and offer excellent

NOTE Confidence: 0.897086277

00:17:59.652 --> 00:18:00.920 care evaluation.

NOTE Confidence: 0.897086277

00:18:00.920 --> 00:18:03.284 If need further staging,

NOTE Confidence: 0.897086277

00:18:03.284 --> 00:18:05.648 we refer directly into.

NOTE Confidence: 0.897086277

00:18:05.650 --> 00:18:08.060 Doctor Macey's office Doctor Mike

NOTE Confidence: 0.897086277

00:18:08.060 --> 00:18:10.470 Cohen Durham also is involved

NOTE Confidence: 0.897086277

00:18:10.552 --> 00:18:12.387 if we have any problems.

NOTE Confidence: 0.897086277

00:18:12.390 --> 00:18:14.880 So this is a great opportunity

NOTE Confidence: 0.897086277

00:18:14.880 --> 00:18:17.975 for those who want to access some

NOTE Confidence: 0.897086277

00:18:17.975 --> 00:18:20.272 specialty help in this expanding

NOTE Confidence: 0.897086277

00:18:20.272 --> 00:18:23.284 group of patients that have incidental

NOTE Confidence: 0.897086277

00:18:23.284 --> 00:18:25.759 nodules or abnormalities on screening.

NOTE Confidence: 0.9439278

00:18:35.030 --> 00:18:37.380 I think we can move on to the third case

NOTE Confidence: 0.716962771428571

00:18:37.450 --> 00:18:39.256 actually. So Vinny,

NOTE Confidence: 0.716962771428571

00:18:39.256 --> 00:18:42.258 do you want to Doctor Mays,

NOTE Confidence: 0.716962771428571

00:18:42.258 --> 00:18:43.602 do you want to talk a little bit

NOTE Confidence: 0.716962771428571

00:18:43.602 --> 00:18:44.768 about that because you were trying

NOTE Confidence: 0.716962771428571

00:18:44.768 --> 00:18:46.109 to put some things in the chat,

NOTE Confidence: 0.716962771428571

00:18:46.110 --> 00:18:47.235 but that doesn't go to

NOTE Confidence: 0.716962771428571

00:18:47.235 --> 00:18:48.360 all the people who are

NOTE Confidence: 0.460514983333333

00:18:48.370 --> 00:18:49.180 attending. Can you

NOTE Confidence: 0.88146260875

00:18:49.190 --> 00:18:52.500 go, can you go to the next slide, please?

NOTE Confidence: 0.88146260875

00:18:52.500 --> 00:18:54.210 But these are the names of the folks that,

NOTE Confidence: 0.88146260875

00:18:54.210 --> 00:18:56.226 Umm, you know, in the Bridgeport and

NOTE Confidence: 0.88146260875

00:18:56.226 --> 00:18:58.885 Park Ave area that are part of the

NOTE Confidence: 0.88146260875

00:18:58.885 --> 00:19:00.615 multidisciplinary team for whether it's

NOTE Confidence: 0.88146260875

00:19:00.677 --> 00:19:03.155 lung cancer screening or pulmonary nodules.

NOTE Confidence: 0.88146260875

00:19:03.160 --> 00:19:04.892 You know, there's a,
NOTE Confidence: 0.88146260875

00:19:04.892 --> 00:19:07.057 there's an effort across Milo,
NOTE Confidence: 0.88146260875

00:19:07.060 --> 00:19:09.556 you know, at Greenwich, at L&M,
NOTE Confidence: 0.88146260875

00:19:09.560 --> 00:19:11.780 at York Street, you know,
NOTE Confidence: 0.88146260875

00:19:11.780 --> 00:19:15.248 to basically these, these.
NOTE Confidence: 0.88146260875

00:19:15.250 --> 00:19:17.090 Capabilities, whether it's lung cancer
NOTE Confidence: 0.88146260875

00:19:17.090 --> 00:19:19.614 screening or the nodule clinic or or
NOTE Confidence: 0.88146260875

00:19:19.614 --> 00:19:21.174 throughout the Smilo Cares network.
NOTE Confidence: 0.88146260875

00:19:21.180 --> 00:19:23.210 And there's currently, you know,
NOTE Confidence: 0.88146260875

00:19:23.210 --> 00:19:24.872 an effort over the past about
NOTE Confidence: 0.88146260875

00:19:24.872 --> 00:19:26.350 18 months to you know,
NOTE Confidence: 0.88146260875

00:19:26.350 --> 00:19:28.778 standardize the processes at
NOTE Confidence: 0.88146260875

00:19:28.778 --> 00:19:31.206 each at each campus.
NOTE Confidence: 0.88146260875

00:19:31.210 --> 00:19:34.216 What I put in the chat was just for
NOTE Confidence: 0.88146260875

00:19:34.216 --> 00:19:37.125 folks that do get lung cancer screening
NOTE Confidence: 0.88146260875

00:19:37.125 --> 00:19:40.112 or have images on the third Friday

NOTE Confidence: 0.88146260875

00:19:40.112 --> 00:19:43.626 of each month from 12:30 to 1:00,

NOTE Confidence: 0.88146260875

00:19:43.630 --> 00:19:45.527 all of these folks here we review.

NOTE Confidence: 0.88146260875

00:19:45.530 --> 00:19:47.834 All of the CAT scans over the past 30

NOTE Confidence: 0.88146260875

00:19:47.834 --> 00:19:49.829 days for a quality control perspective

NOTE Confidence: 0.88146260875

00:19:49.829 --> 00:19:52.168 and also any that you might want

NOTE Confidence: 0.88146260875

00:19:52.168 --> 00:19:54.261 to be reviewed to look at whether

NOTE Confidence: 0.88146260875

00:19:54.261 --> 00:19:56.280 it's your patients or a patient.

NOTE Confidence: 0.88146260875

00:19:56.280 --> 00:19:59.600 You ordered a scan on their images to,

NOTE Confidence: 0.88146260875

00:19:59.600 --> 00:20:00.140 you know,

NOTE Confidence: 0.88146260875

00:20:00.140 --> 00:20:02.300 kind of review and see if all the

NOTE Confidence: 0.88146260875

00:20:02.300 --> 00:20:03.317 management's been appropriate.

NOTE Confidence: 0.88146260875

00:20:03.317 --> 00:20:05.351 It's also CME event and opportunity

NOTE Confidence: 0.88146260875

00:20:05.351 --> 00:20:07.039 over lunch if you're interested.

NOTE Confidence: 0.88146260875

00:20:07.040 --> 00:20:09.480 Again, it's the third.

NOTE Confidence: 0.88146260875

00:20:09.480 --> 00:20:11.232 Friday of each month from 12:30

NOTE Confidence: 0.88146260875

00:20:11.232 --> 00:20:12.400 to 1 via Zoom.
NOTE Confidence: 0.88146260875

00:20:12.400 --> 00:20:14.896 Like we review images and kind
NOTE Confidence: 0.88146260875

00:20:14.896 --> 00:20:16.560 of talk about them.
NOTE Confidence: 0.88146260875

00:20:16.560 --> 00:20:17.100 Thank you.
NOTE Confidence: 0.897455446666667

00:20:24.190 --> 00:20:25.769 And now we're going to transition.
NOTE Confidence: 0.897455446666667

00:20:25.770 --> 00:20:27.858 You know we talked about mostly
NOTE Confidence: 0.897455446666667

00:20:27.858 --> 00:20:29.670 the first two cases where
NOTE Confidence: 0.897455446666667

00:20:29.670 --> 00:20:31.298 patients with without symptoms,
NOTE Confidence: 0.897455446666667

00:20:31.298 --> 00:20:33.740 you know it was an incidental
NOTE Confidence: 0.897455446666667

00:20:33.808 --> 00:20:36.008 finding or lung cancer screening.
NOTE Confidence: 0.897455446666667

00:20:36.010 --> 00:20:37.474 Historically as patients
NOTE Confidence: 0.897455446666667

00:20:37.474 --> 00:20:39.426 that don't have symptoms,
NOTE Confidence: 0.897455446666667

00:20:39.430 --> 00:20:41.155 doctor Conarium is going to
NOTE Confidence: 0.897455446666667

00:20:41.155 --> 00:20:43.300 talk about this pet scan in
NOTE Confidence: 0.897455446666667

00:20:43.300 --> 00:20:45.065 particular was a patient that
NOTE Confidence: 0.897455446666667

00:20:45.070 --> 00:20:47.947 presented with a with a cough and.

NOTE Confidence: 0.897455446666667

00:20:47.950 --> 00:20:48.904 Gotta work up.

NOTE Confidence: 0.897455446666667

00:20:48.904 --> 00:20:50.622 That wound up leading to the

NOTE Confidence: 0.897455446666667

00:20:50.622 --> 00:20:51.948 PET scan that you see here.

NOTE Confidence: 0.735267356

00:20:54.170 --> 00:20:55.670 Hi, everybody. This is Michael.

NOTE Confidence: 0.735267356

00:20:55.670 --> 00:20:56.774 When you're ramp,

NOTE Confidence: 0.735267356

00:20:56.774 --> 00:20:59.892 as I'm sure you've all seen in this

NOTE Confidence: 0.735267356

00:20:59.892 --> 00:21:02.652 probably occurs as frequently as with

NOTE Confidence: 0.735267356

00:21:02.652 --> 00:21:05.648 the cardiac scans and screening scans.

NOTE Confidence: 0.735267356

00:21:05.650 --> 00:21:07.654 Oftentimes you'll have a patient who

NOTE Confidence: 0.735267356

00:21:07.654 --> 00:21:09.757 presents with a persistent cough that

NOTE Confidence: 0.735267356

00:21:09.757 --> 00:21:11.532 are empirically treated for bronchitis

NOTE Confidence: 0.735267356

00:21:11.532 --> 00:21:13.451 or pneumonia that doesn't resolve at

NOTE Confidence: 0.735267356

00:21:13.451 --> 00:21:15.627 which point the next step is to go

NOTE Confidence: 0.735267356

00:21:15.627 --> 00:21:18.163 on to a CAT scan and that's exactly

NOTE Confidence: 0.735267356

00:21:18.163 --> 00:21:20.435 what happened with this patient and

NOTE Confidence: 0.735267356

00:21:20.435 --> 00:21:23.570 this led to a biopsy to the PET scan.
NOTE Confidence: 0.735267356

00:21:23.570 --> 00:21:26.630 I mean obviously you can see a very large
NOTE Confidence: 0.735267356

00:21:26.630 --> 00:21:29.087 left sided mediastinal mass with the
NOTE Confidence: 0.735267356

00:21:29.087 --> 00:21:32.088 tumor very close to the cardiac border
NOTE Confidence: 0.735267356

00:21:32.088 --> 00:21:35.196 and that was really the challenge here.
NOTE Confidence: 0.735267356

00:21:35.200 --> 00:21:37.207 So then I don't know if you want to
NOTE Confidence: 0.735267356

00:21:37.207 --> 00:21:39.322 talk a little bit about how you would
NOTE Confidence: 0.735267356

00:21:39.322 --> 00:21:41.483 view this from the standpoint of a
NOTE Confidence: 0.735267356

00:21:41.483 --> 00:21:43.457 thoracic surgeon and what your thoughts
NOTE Confidence: 0.735267356

00:21:43.460 --> 00:21:45.080 would be about up front surgery?
NOTE Confidence: 0.824718839545454

00:21:45.940 --> 00:21:48.020 Yeah, thanks. We can go to the next
NOTE Confidence: 0.824718839545454

00:21:48.020 --> 00:21:50.334 slide and just please I'm I'm a
NOTE Confidence: 0.824718839545454

00:21:50.334 --> 00:21:52.070 little chat deficient here and zoom,
NOTE Confidence: 0.824718839545454

00:21:52.070 --> 00:21:54.590 but if you have any questions just throw them
NOTE Confidence: 0.824718839545454

00:21:54.590 --> 00:21:57.215 in the chat and see if we can answer them.
NOTE Confidence: 0.824718839545454

00:21:57.220 --> 00:21:59.812 And you know for the most part when we

NOTE Confidence: 0.824718839545454

00:21:59.812 --> 00:22:02.885 think about any of these patients it's

NOTE Confidence: 0.824718839545454

00:22:02.885 --> 00:22:04.693 really a multidisciplinary approach.

NOTE Confidence: 0.824718839545454

00:22:04.700 --> 00:22:07.284 You know of those patients that are operable,

NOTE Confidence: 0.824718839545454

00:22:07.290 --> 00:22:08.930 it's a multi disciplinary

NOTE Confidence: 0.824718839545454

00:22:08.930 --> 00:22:10.160 multi targeted approach.

NOTE Confidence: 0.824718839545454

00:22:10.160 --> 00:22:12.070 It's it's really each patient

NOTE Confidence: 0.824718839545454

00:22:12.070 --> 00:22:13.980 gets tailor made treatment whether

NOTE Confidence: 0.824718839545454

00:22:14.040 --> 00:22:15.888 they get neoadjuvant treatment.

NOTE Confidence: 0.824718839545454

00:22:15.890 --> 00:22:18.896 Before an operation or whether they

NOTE Confidence: 0.824718839545454

00:22:18.896 --> 00:22:21.346 get surgical treatment, you know,

NOTE Confidence: 0.824718839545454

00:22:21.346 --> 00:22:23.238 after they get chemotherapy,

NOTE Confidence: 0.824718839545454

00:22:23.240 --> 00:22:27.168 the multidisciplinary setting happens.

NOTE Confidence: 0.824718839545454

00:22:27.170 --> 00:22:28.169 Across multiple domains,

NOTE Confidence: 0.824718839545454

00:22:28.169 --> 00:22:30.500 there's a tumor board that meets Umm

NOTE Confidence: 0.824718839545454

00:22:30.555 --> 00:22:32.809 at Bridgeport Hospital the 2nd and 4th

NOTE Confidence: 0.824718839545454

00:22:32.809 --> 00:22:34.647 Wednesday where it's a group of the,
NOTE Confidence: 0.824718839545454

00:22:34.650 --> 00:22:35.907 the thoracic surgeons,
NOTE Confidence: 0.824718839545454

00:22:35.907 --> 00:22:38.002 the the Radio Board certified
NOTE Confidence: 0.824718839545454

00:22:38.002 --> 00:22:39.950 radiologist and Thoracic surgery,
NOTE Confidence: 0.824718839545454

00:22:39.950 --> 00:22:41.734 Umm, the medical oncologist,
NOTE Confidence: 0.824718839545454

00:22:41.734 --> 00:22:43.158 radiation oncologist, pulmonologist.
NOTE Confidence: 0.824718839545454

00:22:43.158 --> 00:22:46.326 We review pretty much all the,
NOTE Confidence: 0.824718839545454

00:22:46.330 --> 00:22:46.978 you know,
NOTE Confidence: 0.824718839545454

00:22:46.978 --> 00:22:49.570 new cases and complex cases to kind of,
NOTE Confidence: 0.824718839545454

00:22:49.570 --> 00:22:50.190 you know,
NOTE Confidence: 0.824718839545454

00:22:50.190 --> 00:22:52.050 come up with a treatment paradigm
NOTE Confidence: 0.824718839545454

00:22:52.050 --> 00:22:53.470 that's tailored to the patient
NOTE Confidence: 0.824718839545454

00:22:53.470 --> 00:22:55.290 that typically for these patients
NOTE Confidence: 0.824718839545454

00:22:55.290 --> 00:22:57.830 like the one that Mike presented.
NOTE Confidence: 0.824718839545454

00:22:57.830 --> 00:22:58.745 Um, you know,
NOTE Confidence: 0.824718839545454

00:22:58.745 --> 00:23:01.509 that consists at least of some sort of media,

NOTE Confidence: 0.824718839545454

00:23:01.510 --> 00:23:02.920 media style staging,

NOTE Confidence: 0.824718839545454

00:23:02.920 --> 00:23:05.270 whether it's via endobronchial ultrasound,

NOTE Confidence: 0.824718839545454

00:23:05.270 --> 00:23:07.990 which happens at Bridgeport,

NOTE Confidence: 0.824718839545454

00:23:07.990 --> 00:23:09.456 or, you know,

NOTE Confidence: 0.824718839545454

00:23:09.456 --> 00:23:12.207 I have a patient that recently got.

NOTE Confidence: 0.824718839545454

00:23:12.210 --> 00:23:14.622 Sent to me that has a PET scan similar

NOTE Confidence: 0.824718839545454

00:23:14.622 --> 00:23:17.571 to that who's going to be getting a

NOTE Confidence: 0.824718839545454

00:23:17.571 --> 00:23:19.360 mediastinoscopy just for some staging

NOTE Confidence: 0.824718839545454

00:23:19.360 --> 00:23:23.650 as well as a brain MRI and really about.

NOTE Confidence: 0.824718839545454

00:23:23.650 --> 00:23:24.550 I would say,

NOTE Confidence: 0.824718839545454

00:23:24.550 --> 00:23:25.150 you know,

NOTE Confidence: 0.824718839545454

00:23:25.150 --> 00:23:26.752 probably up front about a third

NOTE Confidence: 0.824718839545454

00:23:26.752 --> 00:23:29.244 or 2/3 we can wind up doing some

NOTE Confidence: 0.824718839545454

00:23:29.244 --> 00:23:31.470 sort of surgical management and you

NOTE Confidence: 0.824718839545454

00:23:31.470 --> 00:23:34.050 know it happens in that manner.

NOTE Confidence: 0.824718839545454

00:23:34.050 --> 00:23:35.040 And then I think Mike,
NOTE Confidence: 0.824718839545454

00:23:35.040 --> 00:23:36.608 you're going to talk about the folks
NOTE Confidence: 0.824718839545454

00:23:36.608 --> 00:23:38.195 that either aren't operable or the
NOTE Confidence: 0.824718839545454

00:23:38.195 --> 00:23:39.359 neoadjuvant or adjuvant treatment.
NOTE Confidence: 0.695248862857143

00:23:41.580 --> 00:23:43.414 Clear enough? We have the next slide.
NOTE Confidence: 0.36182168

00:23:45.560 --> 00:23:49.485 Um, I apologize but if to pull this up really
NOTE Confidence: 0.36182168

00:23:49.485 --> 00:23:52.096 close because I have this on my phone.
NOTE Confidence: 0.36182168

00:23:52.100 --> 00:23:54.956 But you know as Vinnie said,
NOTE Confidence: 0.36182168

00:23:54.960 --> 00:23:58.150 there's really not a one-size-fits-all
NOTE Confidence: 0.36182168

00:23:58.150 --> 00:24:02.070 for these patients and it really truly
NOTE Confidence: 0.36182168

00:24:02.070 --> 00:24:04.000 requires multidisciplinary evaluation.
NOTE Confidence: 0.36182168

00:24:04.000 --> 00:24:06.282 I think with the input both of
NOTE Confidence: 0.36182168

00:24:06.282 --> 00:24:08.124 the thoracic surgeon that we have,
NOTE Confidence: 0.36182168

00:24:08.124 --> 00:24:10.244 doctor Mason, Dr Dettelbach, Dan here,
NOTE Confidence: 0.36182168

00:24:10.244 --> 00:24:12.991 we will also very frequently work with
NOTE Confidence: 0.36182168

00:24:12.991 --> 00:24:15.504 some of the thoracic surgeons up on

NOTE Confidence: 0.36182168

00:24:15.504 --> 00:24:17.827 who primarily operate at a New Haven,

NOTE Confidence: 0.36182168

00:24:17.830 --> 00:24:20.386 but really primarily this is through

NOTE Confidence: 0.36182168

00:24:20.386 --> 00:24:23.012 Doctor Mace with the main issue.

NOTE Confidence: 0.36182168

00:24:23.012 --> 00:24:25.976 Being if this is locally advanced,

NOTE Confidence: 0.36182168

00:24:25.980 --> 00:24:28.304 be it stage two or stage three,

NOTE Confidence: 0.36182168

00:24:28.310 --> 00:24:31.670 and that is primarily dictated by

NOTE Confidence: 0.36182168

00:24:31.670 --> 00:24:34.400 the extent of lymph node involvement.

NOTE Confidence: 0.36182168

00:24:34.400 --> 00:24:36.520 Can they be offered surgery?

NOTE Confidence: 0.36182168

00:24:36.520 --> 00:24:39.370 Would they be better off with

NOTE Confidence: 0.36182168

00:24:39.370 --> 00:24:40.795 radiation based treatment?

NOTE Confidence: 0.36182168

00:24:40.800 --> 00:24:42.642 Are they physically able even if

NOTE Confidence: 0.36182168

00:24:42.642 --> 00:24:44.740 the surgery is an easy surgery?

NOTE Confidence: 0.36182168

00:24:44.740 --> 00:24:46.540 And also sometimes it's patient

NOTE Confidence: 0.36182168

00:24:46.540 --> 00:24:47.260 preference alone,

NOTE Confidence: 0.36182168

00:24:47.260 --> 00:24:49.635 sometimes patients have their own

NOTE Confidence: 0.36182168

00:24:49.635 --> 00:24:51.535 inherent biases about radiation
NOTE Confidence: 0.36182168

00:24:51.535 --> 00:24:53.798 versus surgery and that drives us
NOTE Confidence: 0.36182168

00:24:53.798 --> 00:24:56.201 and fortunately we have a lot of
NOTE Confidence: 0.36182168

00:24:56.201 --> 00:24:58.600 options and really the most important
NOTE Confidence: 0.36182168

00:24:58.600 --> 00:25:01.677 thing is you know the vast majority
NOTE Confidence: 0.36182168

00:25:01.677 --> 00:25:04.408 of cases of new lung cancer.
NOTE Confidence: 0.36182168

00:25:04.408 --> 00:25:07.150 Are not chipshot surgeries and with
NOTE Confidence: 0.36182168

00:25:07.240 --> 00:25:09.886 surgery alone still run a very
NOTE Confidence: 0.36182168

00:25:09.886 --> 00:25:12.400 high risk of recurrent disease?
NOTE Confidence: 0.891309204

00:25:15.060 --> 00:25:17.237 One of the options and what we
NOTE Confidence: 0.891309204

00:25:17.237 --> 00:25:19.380 offered the woman whose pet scan we
NOTE Confidence: 0.891309204

00:25:19.380 --> 00:25:21.951 just looked at was to give her up
NOTE Confidence: 0.891309204

00:25:21.951 --> 00:25:23.531 front chemoimmunotherapy in hopes
NOTE Confidence: 0.891309204

00:25:23.531 --> 00:25:26.239 that we could shrink the cancer and
NOTE Confidence: 0.891309204

00:25:26.239 --> 00:25:29.680 then allow her to go on to surgery.
NOTE Confidence: 0.891309204

00:25:29.680 --> 00:25:31.962 And actually I just went back and

NOTE Confidence: 0.891309204

00:25:31.962 --> 00:25:34.400 looked at the time of her surgery.

NOTE Confidence: 0.891309204

00:25:34.400 --> 00:25:36.717 She went from almost a 7 centimeter

NOTE Confidence: 0.891309204

00:25:36.717 --> 00:25:39.224 tumor to out of the 8 centimeter

NOTE Confidence: 0.891309204

00:25:39.224 --> 00:25:41.024 tumor bed that was removed,

NOTE Confidence: 0.891309204

00:25:41.030 --> 00:25:43.916 there was only 0.3 centimeters of.

NOTE Confidence: 0.891309204

00:25:43.920 --> 00:25:44.958 Viable tumor,

NOTE Confidence: 0.891309204

00:25:44.958 --> 00:25:49.980 so 92% of it was all dead necrotic tissue.

NOTE Confidence: 0.891309204

00:25:49.980 --> 00:25:52.776 So pretty close to a pathologic

NOTE Confidence: 0.891309204

00:25:52.776 --> 00:25:55.112 complete response which was seen

NOTE Confidence: 0.891309204

00:25:55.112 --> 00:25:57.434 in almost 1/4 of the patients

NOTE Confidence: 0.891309204

00:25:57.434 --> 00:26:00.259 treated on the Checkmate 816 trial.

NOTE Confidence: 0.891309204

00:26:00.260 --> 00:26:02.884 We don't quite yet know whether this is

NOTE Confidence: 0.891309204

00:26:02.884 --> 00:26:05.518 leading to increased long-term survival,

NOTE Confidence: 0.891309204

00:26:05.520 --> 00:26:07.800 although we have a pretty strong

NOTE Confidence: 0.891309204

00:26:07.800 --> 00:26:09.600 suspicion that it will be.

NOTE Confidence: 0.891309204

00:26:09.600 --> 00:26:09.954 Umm.
NOTE Confidence: 0.891309204

00:26:09.954 --> 00:26:10.308 However,
NOTE Confidence: 0.891309204

00:26:10.308 --> 00:26:12.786 if the patient is better off going
NOTE Confidence: 0.891309204

00:26:12.786 --> 00:26:15.124 to upfront surgery and there is
NOTE Confidence: 0.891309204

00:26:15.124 --> 00:26:17.871 always the concern that if we delay
NOTE Confidence: 0.891309204

00:26:17.871 --> 00:26:20.163 things with systemic therapy or the
NOTE Confidence: 0.891309204

00:26:20.163 --> 00:26:23.000 patient is the unfortunate patient
NOTE Confidence: 0.891309204

00:26:23.000 --> 00:26:26.048 who doesn't respond that we really
NOTE Confidence: 0.891309204

00:26:26.048 --> 00:26:28.517 want to get them to surgery quickly,
NOTE Confidence: 0.891309204

00:26:28.517 --> 00:26:31.559 we can simply offer a similar
NOTE Confidence: 0.891309204

00:26:31.559 --> 00:26:33.310 treatment backbone following surgery.
NOTE Confidence: 0.891309204

00:26:33.310 --> 00:26:35.865 And this is based on the empowered
NOTE Confidence: 0.891309204

00:26:35.865 --> 00:26:38.322 10 study which used a slightly
NOTE Confidence: 0.891309204

00:26:38.322 --> 00:26:39.168 different immunotherapy.
NOTE Confidence: 0.891309204

00:26:39.170 --> 00:26:41.074 It didn't use nivolumab, it used to.
NOTE Confidence: 0.891309204

00:26:41.080 --> 00:26:41.896 Azelis map,

NOTE Confidence: 0.891309204

00:26:41.896 --> 00:26:44.752 but really the hazard ratio in terms

NOTE Confidence: 0.891309204

00:26:44.752 --> 00:26:47.880 of disease free survival was about the

NOTE Confidence: 0.891309204

00:26:47.880 --> 00:26:52.620 same with well over a 30% improvement.

NOTE Confidence: 0.891309204

00:26:52.620 --> 00:26:53.396 Sort of been there.

NOTE Confidence: 0.891309204

00:26:53.396 --> 00:26:54.560 Anything else you want to say?

NOTE Confidence: 0.92693752

00:26:56.380 --> 00:26:57.676 You know, I think you know,

NOTE Confidence: 0.92693752

00:26:57.680 --> 00:26:59.252 clearly there's a lot of detail

NOTE Confidence: 0.92693752

00:26:59.252 --> 00:27:00.664 here and there's some nuances

NOTE Confidence: 0.92693752

00:27:00.664 --> 00:27:02.229 with regards to your patients.

NOTE Confidence: 0.92693752

00:27:02.230 --> 00:27:03.922 You know, one of the things I certainly want

NOTE Confidence: 0.92693752

00:27:03.922 --> 00:27:05.755 to talk about are are things that you know,

NOTE Confidence: 0.92693752

00:27:05.760 --> 00:27:07.278 you may think about hopefully they'll

NOTE Confidence: 0.92693752

00:27:07.278 --> 00:27:09.518 come up in the Q&A section is you know,

NOTE Confidence: 0.92693752

00:27:09.520 --> 00:27:11.420 access to care. You know,

NOTE Confidence: 0.92693752

00:27:11.420 --> 00:27:14.192 at least for you know when we look across,

NOTE Confidence: 0.92693752

00:27:14.200 --> 00:27:16.324 you know, Park Ave and General

NOTE Confidence: 0.92693752

00:27:16.324 --> 00:27:18.780 Access to care is is very good,

NOTE Confidence: 0.92693752

00:27:18.780 --> 00:27:20.440 at least for thoracic surgery.

NOTE Confidence: 0.92693752

00:27:20.440 --> 00:27:22.918 The access to care averages about

NOTE Confidence: 0.92693752

00:27:22.920 --> 00:27:25.680 10.7 days and for the most part it's,

NOTE Confidence: 0.92693752

00:27:25.680 --> 00:27:26.792 it's a lot better.

NOTE Confidence: 0.92693752

00:27:26.792 --> 00:27:28.783 And that there's there's a patient or

NOTE Confidence: 0.92693752

00:27:28.783 --> 00:27:30.652 two that occasionally just stops to you

NOTE Confidence: 0.92693752

00:27:30.652 --> 00:27:32.767 know not come within that week period.

NOTE Confidence: 0.92693752

00:27:32.770 --> 00:27:34.730 So our goal is really you know

NOTE Confidence: 0.92693752

00:27:34.730 --> 00:27:37.486 one was to give you you know some

NOTE Confidence: 0.92693752

00:27:37.486 --> 00:27:39.466 information but also you know learn

NOTE Confidence: 0.92693752

00:27:39.466 --> 00:27:41.905 from you with how we can serve you

NOTE Confidence: 0.92693752

00:27:41.905 --> 00:27:44.510 better and you know any issues that

NOTE Confidence: 0.92693752

00:27:44.510 --> 00:27:46.785 that we can either talk about or

NOTE Confidence: 0.92693752

00:27:46.785 --> 00:27:49.390 learn about from you to help make
NOTE Confidence: 0.92693752

00:27:49.390 --> 00:27:50.950 the patient experience better.
NOTE Confidence: 0.92693752

00:27:50.950 --> 00:27:52.414 You know when they learn that
NOTE Confidence: 0.92693752

00:27:52.414 --> 00:27:54.329 they have a lung nodule that needs
NOTE Confidence: 0.92693752

00:27:54.329 --> 00:27:56.263 to be evaluated which for many.
NOTE Confidence: 0.92693752

00:27:56.263 --> 00:27:58.369 Is unsettling or two for patients
NOTE Confidence: 0.92693752

00:27:58.369 --> 00:28:00.876 that have a recent biopsy where they,
NOTE Confidence: 0.92693752

00:28:00.880 --> 00:28:01.374 you know,
NOTE Confidence: 0.92693752

00:28:01.374 --> 00:28:03.350 they saw in my chart before anyone could
NOTE Confidence: 0.92693752

00:28:03.407 --> 00:28:05.290 reach them that they have lung cancer.
NOTE Confidence: 0.8685257611111111

00:28:19.940 --> 00:28:21.713 So it looks like Doctor Chang just told me.
NOTE Confidence: 0.8685257611111111

00:28:21.720 --> 00:28:24.480 So she put a slide in about next day access,
NOTE Confidence: 0.8685257611111111

00:28:24.480 --> 00:28:27.120 which really I think dovetails nicely
NOTE Confidence: 0.8685257611111111

00:28:27.120 --> 00:28:29.800 with what Danny just brought up.
NOTE Confidence: 0.8685257611111111

00:28:29.800 --> 00:28:32.020 Can't see the actual data.
NOTE Confidence: 0.8685257611111111

00:28:32.020 --> 00:28:34.618 But I do know that relatively

NOTE Confidence: 0.8685257611111111

00:28:34.618 --> 00:28:37.371 recently we built into our schedules

NOTE Confidence: 0.8685257611111111

00:28:37.371 --> 00:28:40.167 save times for urgent cases just

NOTE Confidence: 0.8685257611111111

00:28:40.167 --> 00:28:43.271 like this where they really need to

NOTE Confidence: 0.8685257611111111

00:28:43.271 --> 00:28:45.916 be seen very quickly and we could

NOTE Confidence: 0.8685257611111111

00:28:45.916 --> 00:28:47.584 oftentimes see the patient either that.

NOTE Confidence: 0.86233169

00:28:50.930 --> 00:28:53.163 And many of us are seeing about

NOTE Confidence: 0.86233169

00:28:53.163 --> 00:28:55.687 2 cases a week on that basis.

NOTE Confidence: 0.86233169

00:28:55.690 --> 00:28:58.258 And I think that really offers

NOTE Confidence: 0.86233169

00:28:58.258 --> 00:28:59.970 very timely expeditious therapy.

NOTE Confidence: 0.86233169

00:28:59.970 --> 00:29:02.106 It's a relief to the referring

NOTE Confidence: 0.86233169

00:29:02.106 --> 00:29:03.530 physician and most importantly,

NOTE Confidence: 0.86233169

00:29:03.530 --> 00:29:06.074 a real relief to the patient that they

NOTE Confidence: 0.86233169

00:29:06.074 --> 00:29:08.887 not only have this terrifying diagnosis,

NOTE Confidence: 0.86233169

00:29:08.890 --> 00:29:10.395 but at least now they are under

NOTE Confidence: 0.86233169

00:29:10.395 --> 00:29:11.503 the watchful eye of someone

NOTE Confidence: 0.86233169

00:29:11.503 --> 00:29:12.745 and they have a game plan.
NOTE Confidence: 0.67080015

00:29:24.900 --> 00:29:25.944 And Steve, I guess you're
NOTE Confidence: 0.67080015

00:29:25.944 --> 00:29:26.768 talking about Case 3?
NOTE Confidence: 0.839241734545455

00:29:28.350 --> 00:29:30.162 Yep. I think it's that we're
NOTE Confidence: 0.839241734545455

00:29:30.162 --> 00:29:31.700 going to the next one.
NOTE Confidence: 0.839241734545455

00:29:31.700 --> 00:29:34.715 This is the one that we we primary care.
NOTE Confidence: 0.839241734545455

00:29:34.720 --> 00:29:36.436 People dread is when people are
NOTE Confidence: 0.839241734545455

00:29:36.436 --> 00:29:37.880 symptomatic and not feeling well.
NOTE Confidence: 0.839241734545455

00:29:37.880 --> 00:29:40.302 You're 74 year old male patient returns
NOTE Confidence: 0.839241734545455

00:29:40.302 --> 00:29:42.497 to your office for a sick visit.
NOTE Confidence: 0.839241734545455

00:29:42.500 --> 00:29:44.215 He's been your patient for many years.
NOTE Confidence: 0.839241734545455

00:29:44.220 --> 00:29:46.895 He's very compliant with any
NOTE Confidence: 0.839241734545455

00:29:46.895 --> 00:29:48.500 recommendations and medication.
NOTE Confidence: 0.839241734545455

00:29:48.500 --> 00:29:51.628 This past medical history includes
NOTE Confidence: 0.839241734545455

00:29:51.628 --> 00:29:54.968 controlled hypertension on an ace.
NOTE Confidence: 0.839241734545455

00:29:54.970 --> 00:29:56.377 Hydrochlorothiazide and routine.

NOTE Confidence: 0.839241734545455
00:29:56.377 --> 00:29:58.722 He has controlled high cholesterol
NOTE Confidence: 0.839241734545455
00:29:58.722 --> 00:30:00.932 with statins and he successfully
NOTE Confidence: 0.839241734545455
00:30:00.932 --> 00:30:02.947 takes allopurinol for chronic gout,
NOTE Confidence: 0.839241734545455
00:30:02.950 --> 00:30:04.990 which is rarely an issue.
NOTE Confidence: 0.839241734545455
00:30:04.990 --> 00:30:07.090 His family history includes a maternal
NOTE Confidence: 0.839241734545455
00:30:07.090 --> 00:30:08.930 grandfather dying of lung cancer.
NOTE Confidence: 0.839241734545455
00:30:08.930 --> 00:30:10.634 However, he worked in the coal
NOTE Confidence: 0.839241734545455
00:30:10.634 --> 00:30:12.690 industry and it was blamed on that.
NOTE Confidence: 0.839241734545455
00:30:12.690 --> 00:30:16.080 His father passed in his 90s of old age and
NOTE Confidence: 0.839241734545455
00:30:16.168 --> 00:30:19.246 his mother died of a stroke in her age.
NOTE Confidence: 0.839241734545455
00:30:19.250 --> 00:30:20.888 He is the oldest of four siblings,
NOTE Confidence: 0.839241734545455
00:30:20.890 --> 00:30:22.462 all of which have high blood
NOTE Confidence: 0.839241734545455
00:30:22.462 --> 00:30:23.510 pressure and high cholesterol.
NOTE Confidence: 0.839241734545455
00:30:23.510 --> 00:30:26.030 One brother has survived in MI.
NOTE Confidence: 0.839241734545455
00:30:26.030 --> 00:30:28.151 He rarely drinks no more than a
NOTE Confidence: 0.839241734545455

00:30:28.151 --> 00:30:30.410 glass of wine and a family party.
NOTE Confidence: 0.839241734545455

00:30:30.410 --> 00:30:31.618 He has a very,
NOTE Confidence: 0.839241734545455

00:30:31.618 --> 00:30:33.128 very remote history of smoking
NOTE Confidence: 0.839241734545455

00:30:33.128 --> 00:30:34.849 for years in the military,
NOTE Confidence: 0.839241734545455

00:30:34.850 --> 00:30:36.146 but never that much.
NOTE Confidence: 0.839241734545455

00:30:36.146 --> 00:30:38.090 He's been in the office in
NOTE Confidence: 0.839241734545455

00:30:38.163 --> 00:30:39.819 the past for bronchitis,
NOTE Confidence: 0.839241734545455

00:30:39.820 --> 00:30:42.745 and he even had an ammonia many years ago.
NOTE Confidence: 0.839241734545455

00:30:42.750 --> 00:30:44.525 He presents today with complaints
NOTE Confidence: 0.839241734545455

00:30:44.525 --> 00:30:47.075 of some upper back pain and a
NOTE Confidence: 0.839241734545455

00:30:47.075 --> 00:30:48.850 persistent dry nagging cough that's
NOTE Confidence: 0.839241734545455

00:30:48.850 --> 00:30:51.286 been around for as he closed a while,
NOTE Confidence: 0.839241734545455

00:30:51.290 --> 00:30:52.530 which when he questioned him,
NOTE Confidence: 0.839241734545455

00:30:52.530 --> 00:30:54.594 it's been present off and on
NOTE Confidence: 0.839241734545455

00:30:54.594 --> 00:30:55.970 for six plus months.
NOTE Confidence: 0.839241734545455

00:30:55.970 --> 00:30:57.846 You decide to order a CAT scan

NOTE Confidence: 0.839241734545455

00:30:57.846 --> 00:30:59.989 of his chest and this is where

NOTE Confidence: 0.839241734545455

00:30:59.989 --> 00:31:01.897 Doctor Sarah gets him down South.

NOTE Confidence: 0.65516164

00:31:05.590 --> 00:31:08.806 So hi everyone. I'm Sarah Goldberg,

NOTE Confidence: 0.65516164

00:31:08.810 --> 00:31:12.386 a medical oncologist and at Yale.

NOTE Confidence: 0.65516164

00:31:12.390 --> 00:31:14.280 And it's really a pleasure to be

NOTE Confidence: 0.65516164

00:31:14.280 --> 00:31:16.568 here and to talk about lung cancer.

NOTE Confidence: 0.65516164

00:31:16.570 --> 00:31:18.440 So this is has Steve

NOTE Confidence: 0.65516164

00:31:18.440 --> 00:31:20.880 said this is a case that.

NOTE Confidence: 0.65516164

00:31:20.880 --> 00:31:22.260 You know as a medical oncologist

NOTE Confidence: 0.65516164

00:31:22.260 --> 00:31:24.237 I I feel like occurs all the time,

NOTE Confidence: 0.65516164

00:31:24.240 --> 00:31:25.968 but I think in in reality it maybe

NOTE Confidence: 0.65516164

00:31:25.968 --> 00:31:27.708 it's not quite as common but it

NOTE Confidence: 0.65516164

00:31:27.708 --> 00:31:29.391 does happen where a patient comes

NOTE Confidence: 0.65516164

00:31:29.391 --> 00:31:30.879 in who's extremely symptomatic,

NOTE Confidence: 0.65516164

00:31:30.880 --> 00:31:33.260 so a cough, severe pain,

NOTE Confidence: 0.65516164

00:31:33.260 --> 00:31:35.210 a lot of times more systemic
NOTE Confidence: 0.65516164

00:31:35.210 --> 00:31:36.185 symptoms like fatigue,
NOTE Confidence: 0.65516164

00:31:36.190 --> 00:31:36.872 weight loss,
NOTE Confidence: 0.65516164

00:31:36.872 --> 00:31:39.600 anorexia and so in this case this is
NOTE Confidence: 0.65516164

00:31:39.670 --> 00:31:41.910 a not exactly the same patient but
NOTE Confidence: 0.65516164

00:31:41.910 --> 00:31:44.749 it's a good example of something that.
NOTE Confidence: 0.65516164

00:31:44.750 --> 00:31:45.551 You know, the,
NOTE Confidence: 0.65516164

00:31:45.551 --> 00:31:47.153 the patient that was presented might
NOTE Confidence: 0.65516164

00:31:47.153 --> 00:31:48.936 might actually have on imaging a lot
NOTE Confidence: 0.65516164

00:31:48.936 --> 00:31:50.774 of times there's much more disease than
NOTE Confidence: 0.65516164

00:31:50.774 --> 00:31:52.678 we even would realize based on symptoms.
NOTE Confidence: 0.65516164

00:31:52.680 --> 00:31:55.218 And so this cat scan here
NOTE Confidence: 0.65516164

00:31:55.218 --> 00:31:56.910 shows multiple lung nodules,
NOTE Confidence: 0.65516164

00:31:56.910 --> 00:31:58.900 really innumerable nodules as well
NOTE Confidence: 0.65516164

00:31:58.900 --> 00:32:02.099 as adenopathy in the hilum and in the
NOTE Confidence: 0.65516164

00:32:02.099 --> 00:32:03.994 mediastinum and bone metastases or

NOTE Confidence: 0.65516164

00:32:03.994 --> 00:32:06.189 bone lesions throughout the spine.

NOTE Confidence: 0.65516164

00:32:06.190 --> 00:32:07.838 After we see this on a chest CT,

NOTE Confidence: 0.65516164

00:32:07.840 --> 00:32:09.744 we often will then get a pet CT

NOTE Confidence: 0.65516164

00:32:09.744 --> 00:32:10.957 that's that's typically the next

NOTE Confidence: 0.65516164

00:32:10.957 --> 00:32:12.870 step in in a work up for this.

NOTE Confidence: 0.65516164

00:32:12.870 --> 00:32:14.990 And you can see here on this pet

NOTE Confidence: 0.65516164

00:32:14.990 --> 00:32:16.830 scan that you see multiple FDG

NOTE Confidence: 0.65516164

00:32:16.830 --> 00:32:18.982 avid lung nodules as well as lymph

NOTE Confidence: 0.65516164

00:32:18.982 --> 00:32:21.026 nodes that are avid and also liver

NOTE Confidence: 0.65516164

00:32:21.026 --> 00:32:22.879 lesions and bone lesions all of

NOTE Confidence: 0.65516164

00:32:22.879 --> 00:32:24.087 which have FDG avidity.

NOTE Confidence: 0.65516164

00:32:24.090 --> 00:32:26.810 So really widespread metastatic

NOTE Confidence: 0.65516164

00:32:26.810 --> 00:32:29.326 disease that we can see on imaging.

NOTE Confidence: 0.9480763366666667

00:32:31.850 --> 00:32:36.118 So I'm going to talk about about how we

NOTE Confidence: 0.9480763366666667

00:32:36.118 --> 00:32:39.130 think about work up and treatment for

NOTE Confidence: 0.9480763366666667

00:32:39.130 --> 00:32:41.198 advanced lung cancer and then we'll go

NOTE Confidence: 0.948076336666667

00:32:41.198 --> 00:32:43.370 back to the case and I'll follow up on,

NOTE Confidence: 0.948076336666667

00:32:43.370 --> 00:32:44.990 on what happened with this

NOTE Confidence: 0.948076336666667

00:32:44.990 --> 00:32:46.610 patient who's imaging we see.

NOTE Confidence: 0.948076336666667

00:32:46.610 --> 00:32:49.599 So it's actually I think pretty amazing

NOTE Confidence: 0.948076336666667

00:32:49.599 --> 00:32:52.539 how much we've learned in the last.

NOTE Confidence: 0.948076336666667

00:32:52.540 --> 00:32:54.927 15 to 20 years about the molecular

NOTE Confidence: 0.948076336666667

00:32:54.927 --> 00:32:56.876 characteristics of lung cancer and in

NOTE Confidence: 0.948076336666667

00:32:56.876 --> 00:32:59.299 this in this slide here I'm showing you

NOTE Confidence: 0.948076336666667

00:32:59.299 --> 00:33:01.714 specifically of non small cell lung cancer.

NOTE Confidence: 0.948076336666667

00:33:01.720 --> 00:33:03.904 Back in 2004 we were first starting

NOTE Confidence: 0.948076336666667

00:33:03.904 --> 00:33:06.043 to learn about the the molecular

NOTE Confidence: 0.948076336666667

00:33:06.043 --> 00:33:08.323 underpinnings of non small cell lung

NOTE Confidence: 0.948076336666667

00:33:08.323 --> 00:33:10.520 cancer specifically adenocarcinoma.

NOTE Confidence: 0.948076336666667

00:33:10.520 --> 00:33:12.172 I'm showing you there that that back

NOTE Confidence: 0.948076336666667

00:33:12.172 --> 00:33:14.323 in in that time we knew about EGFR

NOTE Confidence: 0.948076336666667
00:33:14.323 --> 00:33:16.027 mutations and care as mutations in
NOTE Confidence: 0.948076336666667
00:33:16.027 --> 00:33:17.629 lung cancer although we didn't really
NOTE Confidence: 0.948076336666667
00:33:17.629 --> 00:33:20.540 know much of what to do with it.
NOTE Confidence: 0.948076336666667
00:33:20.540 --> 00:33:22.710 Over the years and I have another
NOTE Confidence: 0.948076336666667
00:33:22.710 --> 00:33:23.938 time point of 2009,
NOTE Confidence: 0.948076336666667
00:33:23.938 --> 00:33:25.726 we started learning about more alterations
NOTE Confidence: 0.948076336666667
00:33:25.726 --> 00:33:27.500 in non small cell lung cancer.
NOTE Confidence: 0.948076336666667
00:33:27.500 --> 00:33:30.272 We learned about ALK fusions and
NOTE Confidence: 0.948076336666667
00:33:30.272 --> 00:33:31.658 B RAF mutations.
NOTE Confidence: 0.948076336666667
00:33:31.660 --> 00:33:33.388 We were starting to get more
NOTE Confidence: 0.948076336666667
00:33:33.388 --> 00:33:34.540 familiar with targeted therapies
NOTE Confidence: 0.948076336666667
00:33:34.596 --> 00:33:35.851 for these mutations which I'll
NOTE Confidence: 0.948076336666667
00:33:35.851 --> 00:33:37.580 show you more about in a minute.
NOTE Confidence: 0.948076336666667
00:33:37.580 --> 00:33:39.435 By 2014 we again learned a lot
NOTE Confidence: 0.948076336666667
00:33:39.435 --> 00:33:41.544 more we should found out about an
NOTE Confidence: 0.948076336666667

00:33:41.544 --> 00:33:43.416 alteration called Ross One and Red
NOTE Confidence: 0.948076336666667

00:33:43.484 --> 00:33:45.500 and met and we're really starting
NOTE Confidence: 0.948076336666667

00:33:45.500 --> 00:33:47.415 to become more advanced with
NOTE Confidence: 0.948076336666667

00:33:47.415 --> 00:33:50.240 our molecular profiling and DNA.
NOTE Confidence: 0.948076336666667

00:33:50.240 --> 00:33:52.032 Sequencing so that we can we can
NOTE Confidence: 0.948076336666667

00:33:52.032 --> 00:33:53.521 find more and more alterations
NOTE Confidence: 0.948076336666667

00:33:53.521 --> 00:33:55.489 in non small cell lung cancer.
NOTE Confidence: 0.948076336666667

00:33:55.490 --> 00:33:56.780 If you click again we'll show
NOTE Confidence: 0.948076336666667

00:33:56.780 --> 00:33:57.970 you where we are today.
NOTE Confidence: 0.948076336666667

00:33:57.970 --> 00:34:00.400 So this is today I I find it really
NOTE Confidence: 0.948076336666667

00:34:00.400 --> 00:34:02.334 amazing how many alterations you can
NOTE Confidence: 0.948076336666667

00:34:02.334 --> 00:34:05.129 find when you look for them in in
NOTE Confidence: 0.948076336666667

00:34:05.129 --> 00:34:06.633 specifically in lung adenocarcinoma
NOTE Confidence: 0.948076336666667

00:34:06.633 --> 00:34:08.760 as opposed to almost 20 years
NOTE Confidence: 0.948076336666667

00:34:08.760 --> 00:34:10.740 ago now where most patients had
NOTE Confidence: 0.948076336666667

00:34:10.740 --> 00:34:12.953 no known alteration because our

NOTE Confidence: 0.948076336666667
00:34:12.953 --> 00:34:15.223 sequencing wasn't wasn't so good.
NOTE Confidence: 0.948076336666667
00:34:15.230 --> 00:34:17.666 We now can find a molecular alteration
NOTE Confidence: 0.948076336666667
00:34:17.666 --> 00:34:20.530 in almost all patients with lung cancer.
NOTE Confidence: 0.948076336666667
00:34:20.530 --> 00:34:21.436 And so in the next slide,
NOTE Confidence: 0.948076336666667
00:34:21.440 --> 00:34:23.344 we'll show you why this is relevant.
NOTE Confidence: 0.948076336666667
00:34:23.350 --> 00:34:25.793 So it's relevant because now we have
NOTE Confidence: 0.948076336666667
00:34:25.793 --> 00:34:27.245 some really outstanding targeted
NOTE Confidence: 0.948076336666667
00:34:27.245 --> 00:34:29.639 therapies that we use for lung cancer.
NOTE Confidence: 0.948076336666667
00:34:29.640 --> 00:34:31.352 And so this is that same high chart
NOTE Confidence: 0.948076336666667
00:34:31.352 --> 00:34:33.207 that I just saw on the last slide,
NOTE Confidence: 0.948076336666667
00:34:33.210 --> 00:34:35.415 but attached to it are all the
NOTE Confidence: 0.948076336666667
00:34:35.415 --> 00:34:36.669 different targeted therapies that
NOTE Confidence: 0.948076336666667
00:34:36.669 --> 00:34:38.391 we have to treat lung cancer in
NOTE Confidence: 0.948076336666667
00:34:38.391 --> 00:34:39.796 this case specifically advanced
NOTE Confidence: 0.948076336666667
00:34:39.796 --> 00:34:41.508 or metastatic lung cancer.
NOTE Confidence: 0.948076336666667

00:34:41.510 --> 00:34:43.015 There's different types of drugs
NOTE Confidence: 0.948076336666667

00:34:43.015 --> 00:34:45.435 that we use for each of these
NOTE Confidence: 0.948076336666667

00:34:45.435 --> 00:34:46.941 different alterations in the kind
NOTE Confidence: 0.948076336666667

00:34:46.941 --> 00:34:47.809 of that brownish color.
NOTE Confidence: 0.948076336666667

00:34:47.810 --> 00:34:49.170 These are small molecule
NOTE Confidence: 0.948076336666667

00:34:49.170 --> 00:34:50.190 tyrosine kinase inhibitors,
NOTE Confidence: 0.948076336666667

00:34:50.190 --> 00:34:51.363 they're oral drugs.
NOTE Confidence: 0.948076336666667

00:34:51.363 --> 00:34:52.927 We have monoclonal antibodies.
NOTE Confidence: 0.948076336666667

00:34:52.930 --> 00:34:54.906 In some cases you can see that it
NOTE Confidence: 0.948076336666667

00:34:54.906 --> 00:34:56.959 listed in blue for each year some
NOTE Confidence: 0.948076336666667

00:34:56.959 --> 00:34:58.769 EGFR mutations and then kind of
NOTE Confidence: 0.948076336666667

00:34:58.769 --> 00:35:00.540 the the newest class of drugs that
NOTE Confidence: 0.948076336666667

00:35:00.540 --> 00:35:02.602 we use to target alterations in
NOTE Confidence: 0.948076336666667

00:35:02.602 --> 00:35:04.542 cancer or antibody drug conjugates.
NOTE Confidence: 0.948076336666667

00:35:04.550 --> 00:35:06.314 These are antibodies that go after
NOTE Confidence: 0.948076336666667

00:35:06.314 --> 00:35:07.787 a specific alteration in cancer

NOTE Confidence: 0.948076336666667
00:35:07.787 --> 00:35:09.495 linked to a chemotherapy is kind of
NOTE Confidence: 0.948076336666667
00:35:09.495 --> 00:35:11.582 like a smart chemo that finds the
NOTE Confidence: 0.948076336666667
00:35:11.582 --> 00:35:13.127 cancer and direct directly delivers
NOTE Confidence: 0.854323884166667
00:35:13.130 --> 00:35:14.714 the chemotherapy drug and we have
NOTE Confidence: 0.854323884166667
00:35:14.714 --> 00:35:16.569 that now for her two mutations.
NOTE Confidence: 0.854323884166667
00:35:16.570 --> 00:35:18.320 You could see many of these are
NOTE Confidence: 0.854323884166667
00:35:18.320 --> 00:35:20.263 small pieces of the pie but when you
NOTE Confidence: 0.854323884166667
00:35:20.263 --> 00:35:22.386 add them up almost 50% of patients.
NOTE Confidence: 0.854323884166667
00:35:22.386 --> 00:35:24.338 Um with lung adenocarcinoma,
NOTE Confidence: 0.854323884166667
00:35:24.340 --> 00:35:26.290 we'll have a targeted therapy that
NOTE Confidence: 0.854323884166667
00:35:26.290 --> 00:35:28.610 we could consider for use either in
NOTE Confidence: 0.854323884166667
00:35:28.610 --> 00:35:30.843 standard practice or on a clinical trial.
NOTE Confidence: 0.854323884166667
00:35:30.850 --> 00:35:31.822 And next slide,
NOTE Confidence: 0.854323884166667
00:35:31.822 --> 00:35:33.766 actually next part of this slide.
NOTE Confidence: 0.854323884166667
00:35:33.770 --> 00:35:34.910 So why is this important?
NOTE Confidence: 0.854323884166667

00:35:34.910 --> 00:35:36.632 Well, it's because it's been shown

NOTE Confidence: 0.854323884166667

00:35:36.632 --> 00:35:38.675 over the years that targeted therapy

NOTE Confidence: 0.854323884166667

00:35:38.675 --> 00:35:40.355 can improve survival sometimes

NOTE Confidence: 0.854323884166667

00:35:40.355 --> 00:35:42.401 quite significantly in patients with

NOTE Confidence: 0.854323884166667

00:35:42.401 --> 00:35:44.267 advanced non small cell lung cancer.

NOTE Confidence: 0.854323884166667

00:35:44.270 --> 00:35:45.150 So on the top right,

NOTE Confidence: 0.854323884166667

00:35:45.150 --> 00:35:46.662 I'm showing you a Kaplan Meier

NOTE Confidence: 0.854323884166667

00:35:46.662 --> 00:35:48.417 curve for this is really looking

NOTE Confidence: 0.854323884166667

00:35:48.417 --> 00:35:50.147 at multiple mutations across the

NOTE Confidence: 0.854323884166667

00:35:50.147 --> 00:35:52.357 board and patients who have a driver

NOTE Confidence: 0.854323884166667

00:35:52.357 --> 00:35:54.025 mutation are basically those that I

NOTE Confidence: 0.854323884166667

00:35:54.030 --> 00:35:55.724 listed in the pie chart there and

NOTE Confidence: 0.854323884166667

00:35:55.724 --> 00:35:57.360 they receive a targeted therapy.

NOTE Confidence: 0.854323884166667

00:35:57.360 --> 00:35:58.652 That's what TTX is.

NOTE Confidence: 0.854323884166667

00:35:58.652 --> 00:36:00.267 They have a significant improvement

NOTE Confidence: 0.854323884166667

00:36:00.267 --> 00:36:01.489 in their survival.

NOTE Confidence: 0.854323884166667
00:36:01.490 --> 00:36:03.332 Compared to patients who either don't
NOTE Confidence: 0.854323884166667
00:36:03.332 --> 00:36:05.127 have a driver alteration or even
NOTE Confidence: 0.854323884166667
00:36:05.127 --> 00:36:06.669 those who have a driver alteration
NOTE Confidence: 0.854323884166667
00:36:06.669 --> 00:36:08.380 but don't get a targeted therapy.
NOTE Confidence: 0.854323884166667
00:36:08.380 --> 00:36:09.180 And then on the bottom,
NOTE Confidence: 0.854323884166667
00:36:09.180 --> 00:36:10.895 I'm showing you one specific
NOTE Confidence: 0.854323884166667
00:36:10.895 --> 00:36:12.610 example pulling out the patients
NOTE Confidence: 0.854323884166667
00:36:12.668 --> 00:36:14.298 with EGFR mutant lung cancer.
NOTE Confidence: 0.854323884166667
00:36:14.300 --> 00:36:15.980 There have been many studies over the
NOTE Confidence: 0.854323884166667
00:36:15.980 --> 00:36:17.633 last several years looking at targeted
NOTE Confidence: 0.854323884166667
00:36:17.633 --> 00:36:19.108 therapy in this patient population.
NOTE Confidence: 0.854323884166667
00:36:19.110 --> 00:36:21.000 This is one of those trials.
NOTE Confidence: 0.854323884166667
00:36:21.000 --> 00:36:22.540 This is a trial that was published
NOTE Confidence: 0.854323884166667
00:36:22.540 --> 00:36:23.946 in New England Journal of Medicine
NOTE Confidence: 0.854323884166667
00:36:23.946 --> 00:36:25.577 a few years ago showing that our
NOTE Confidence: 0.854323884166667

00:36:25.629 --> 00:36:26.977 third generation drug OSIMERTINIB
NOTE Confidence: 0.854323884166667

00:36:26.977 --> 00:36:28.662 has a significant improvement in
NOTE Confidence: 0.854323884166667

00:36:28.662 --> 00:36:30.345 survival over or even our prior
NOTE Confidence: 0.854323884166667

00:36:30.345 --> 00:36:32.270 generation of drugs or Latin adventure.
NOTE Confidence: 0.854323884166667

00:36:32.270 --> 00:36:33.866 But I think maybe the most important
NOTE Confidence: 0.854323884166667

00:36:33.866 --> 00:36:35.736 take away here is that figure on the
NOTE Confidence: 0.854323884166667

00:36:35.736 --> 00:36:37.219 bottom right which is showing the
NOTE Confidence: 0.854323884166667

00:36:37.219 --> 00:36:38.709 overall survival for these patients.
NOTE Confidence: 0.854323884166667

00:36:38.710 --> 00:36:40.481 And you can see this this the
NOTE Confidence: 0.854323884166667

00:36:40.481 --> 00:36:42.537 follow up in this study at this
NOTE Confidence: 0.854323884166667

00:36:42.537 --> 00:36:44.026 point ends around 24 months.
NOTE Confidence: 0.854323884166667

00:36:44.026 --> 00:36:47.045 But you can see well more than half of the
NOTE Confidence: 0.854323884166667

00:36:47.045 --> 00:36:48.860 patients who received osimertinib were
NOTE Confidence: 0.854323884166667

00:36:48.860 --> 00:36:51.348 still alive 24 months and and beyond.
NOTE Confidence: 0.854323884166667

00:36:51.350 --> 00:36:53.765 And so the the prognosis for patients
NOTE Confidence: 0.854323884166667

00:36:53.765 --> 00:36:56.215 with advanced non small cell lung

NOTE Confidence: 0.854323884166667
00:36:56.215 --> 00:36:58.019 cancer has significantly improved
NOTE Confidence: 0.854323884166667
00:36:58.019 --> 00:37:00.638 because of alterations like this and
NOTE Confidence: 0.854323884166667
00:37:00.638 --> 00:37:02.633 targeted therapies like those summer.
NOTE Confidence: 0.854323884166667
00:37:02.640 --> 00:37:03.110 Next slide.
NOTE Confidence: 0.835382351111111
00:37:05.300 --> 00:37:06.056 We've also seen,
NOTE Confidence: 0.835382351111111
00:37:06.056 --> 00:37:07.568 really sorry about the formatting here.
NOTE Confidence: 0.835382351111111
00:37:07.570 --> 00:37:10.130 We've also seen significant advances
NOTE Confidence: 0.835382351111111
00:37:10.130 --> 00:37:12.510 in immune therapy for patients with
NOTE Confidence: 0.835382351111111
00:37:12.510 --> 00:37:14.190 advanced non small cell lung cancer.
NOTE Confidence: 0.835382351111111
00:37:14.190 --> 00:37:15.910 I'm just showing you a few examples here.
NOTE Confidence: 0.835382351111111
00:37:15.910 --> 00:37:17.214 There's many other ones.
NOTE Confidence: 0.835382351111111
00:37:17.214 --> 00:37:18.844 Basically every trial gets published
NOTE Confidence: 0.835382351111111
00:37:18.844 --> 00:37:20.881 in New England Journal of Medicine
NOTE Confidence: 0.835382351111111
00:37:20.881 --> 00:37:22.536 because they're all a significant
NOTE Confidence: 0.835382351111111
00:37:22.592 --> 00:37:24.487 smashing success when you compare
NOTE Confidence: 0.835382351111111

00:37:24.487 --> 00:37:26.003 immune therapy with chemotherapy.
NOTE Confidence: 0.8353823511111111

00:37:26.010 --> 00:37:27.885 Overall patients do much better
NOTE Confidence: 0.8353823511111111

00:37:27.885 --> 00:37:29.385 with advanced lung cancer.
NOTE Confidence: 0.8353823511111111

00:37:29.390 --> 00:37:31.166 This is showing you that on the left
NOTE Confidence: 0.8353823511111111

00:37:31.166 --> 00:37:32.868 with that study with pembrolizumab,
NOTE Confidence: 0.8353823511111111

00:37:32.870 --> 00:37:33.990 one of our PD1 inhibitors.
NOTE Confidence: 0.8353823511111111

00:37:33.990 --> 00:37:35.817 On the right, a study with atezolizumab.
NOTE Confidence: 0.8353823511111111

00:37:35.820 --> 00:37:37.758 PDL one inhibitor patients do much
NOTE Confidence: 0.8353823511111111

00:37:37.758 --> 00:37:39.481 better when they receive immune
NOTE Confidence: 0.8353823511111111

00:37:39.481 --> 00:37:40.969 therapy compared to chemotherapy
NOTE Confidence: 0.8353823511111111

00:37:40.969 --> 00:37:43.145 when they have the biomarker which
NOTE Confidence: 0.8353823511111111

00:37:43.145 --> 00:37:44.916 in this case is called PDL one.
NOTE Confidence: 0.8353823511111111

00:37:44.920 --> 00:37:46.698 And so with high PDL one expression,
NOTE Confidence: 0.8353823511111111

00:37:46.700 --> 00:37:47.965 these patients are doing really
NOTE Confidence: 0.8353823511111111

00:37:47.965 --> 00:37:49.660 well with a chemo free regimen.
NOTE Confidence: 0.8353823511111111

00:37:49.660 --> 00:37:51.466 And again you can look at for

NOTE Confidence: 0.8353823511111111
00:37:51.466 --> 00:37:53.064 survival several years out more than
NOTE Confidence: 0.8353823511111111
00:37:53.064 --> 00:37:54.612 half of these patients are still
NOTE Confidence: 0.8353823511111111
00:37:54.612 --> 00:37:56.210 alive and that is a significant
NOTE Confidence: 0.8353823511111111
00:37:56.210 --> 00:37:59.530 difference than just a few years ago.
NOTE Confidence: 0.8353823511111111
00:37:59.530 --> 00:38:01.230 Next slide.
NOTE Confidence: 0.8353823511111111
00:38:01.230 --> 00:38:02.476 So you can kind of click through,
NOTE Confidence: 0.8353823511111111
00:38:02.480 --> 00:38:04.070 there's a couple of animations here.
NOTE Confidence: 0.8353823511111111
00:38:04.070 --> 00:38:05.438 So this is just really showing
NOTE Confidence: 0.8353823511111111
00:38:05.438 --> 00:38:06.770 you an overview of all the,
NOTE Confidence: 0.8353823511111111
00:38:06.770 --> 00:38:08.602 I think there's one more of all the
NOTE Confidence: 0.8353823511111111
00:38:08.602 --> 00:38:10.368 advances that well maybe not all of them,
NOTE Confidence: 0.8353823511111111
00:38:10.370 --> 00:38:11.966 but many of the advances we've
NOTE Confidence: 0.8353823511111111
00:38:11.966 --> 00:38:13.591 seen from non small cell lung
NOTE Confidence: 0.8353823511111111
00:38:13.591 --> 00:38:15.369 cancer in the last 20 plus years.
NOTE Confidence: 0.8353823511111111
00:38:15.370 --> 00:38:16.972 First we got some better chemotherapies
NOTE Confidence: 0.8353823511111111

00:38:16.972 --> 00:38:18.630 but those were never good enough.
NOTE Confidence: 0.8353823511111111

00:38:18.630 --> 00:38:19.965 We then have targeted therapies
NOTE Confidence: 0.8353823511111111

00:38:19.965 --> 00:38:21.874 and you can see multiple of them
NOTE Confidence: 0.8353823511111111

00:38:21.874 --> 00:38:23.446 listed there and now immune therapy.
NOTE Confidence: 0.8353823511111111

00:38:23.450 --> 00:38:25.316 And so we've really seen significant
NOTE Confidence: 0.8353823511111111

00:38:25.316 --> 00:38:27.397 advances and so that that has has
NOTE Confidence: 0.8353823511111111

00:38:27.397 --> 00:38:29.224 changed the way that we think about
NOTE Confidence: 0.8353823511111111

00:38:29.288 --> 00:38:31.468 treating patients with advanced disease.
NOTE Confidence: 0.8353823511111111

00:38:31.470 --> 00:38:33.300 Next slide.
NOTE Confidence: 0.8353823511111111

00:38:33.300 --> 00:38:34.665 I think this is my last slide.
NOTE Confidence: 0.8353823511111111

00:38:34.670 --> 00:38:35.610 So what has this done?
NOTE Confidence: 0.8353823511111111

00:38:35.610 --> 00:38:37.780 Well you know the the we always
NOTE Confidence: 0.8353823511111111

00:38:37.780 --> 00:38:40.157 are every year they come out with
NOTE Confidence: 0.8353823511111111

00:38:40.157 --> 00:38:42.660 overall data for how we're doing and
NOTE Confidence: 0.8353823511111111

00:38:42.660 --> 00:38:44.515 in mortality and other statistics
NOTE Confidence: 0.8353823511111111

00:38:44.515 --> 00:38:46.963 in cancer this is looking at on

NOTE Confidence: 0.8353823511111111

00:38:46.963 --> 00:38:49.610 the top left is looking at men and

NOTE Confidence: 0.8353823511111111

00:38:49.610 --> 00:38:51.843 on the bottom left is is women.

NOTE Confidence: 0.8353823511111111

00:38:51.850 --> 00:38:54.075 Overall in terms of mortality

NOTE Confidence: 0.8353823511111111

00:38:54.075 --> 00:38:55.410 for different cancers,

NOTE Confidence: 0.8353823511111111

00:38:55.410 --> 00:38:56.904 lung cancer continues to be the

NOTE Confidence: 0.8353823511111111

00:38:56.904 --> 00:38:58.480 number one cause of cancer mortality

NOTE Confidence: 0.8353823511111111

00:38:58.480 --> 00:39:00.307 in the US that's that red line.

NOTE Confidence: 0.8353823511111111

00:39:00.310 --> 00:39:02.221 So still the the highest cause of

NOTE Confidence: 0.8353823511111111

00:39:02.221 --> 00:39:03.809 cancer deaths in this country.

NOTE Confidence: 0.8353823511111111

00:39:03.810 --> 00:39:04.402 And worldwide,

NOTE Confidence: 0.8353823511111111

00:39:04.402 --> 00:39:06.770 but you can see and highlighted in blue,

NOTE Confidence: 0.8353823511111111

00:39:06.770 --> 00:39:08.480 there's been a significant decline

NOTE Confidence: 0.8353823511111111

00:39:08.480 --> 00:39:10.190 over the last several decades.

NOTE Confidence: 0.8353823511111111

00:39:10.190 --> 00:39:11.842 And you can see in that table

NOTE Confidence: 0.8353823511111111

00:39:11.842 --> 00:39:13.725 on the right that incidence has

NOTE Confidence: 0.8353823511111111

00:39:13.725 --> 00:39:15.580 declined but mortality has declined
NOTE Confidence: 0.8353823511111111

00:39:15.580 --> 00:39:17.229 even faster than incidence.
NOTE Confidence: 0.8353823511111111

00:39:17.230 --> 00:39:18.110 And so why is that?
NOTE Confidence: 0.8353823511111111

00:39:18.110 --> 00:39:20.364 Well, there's probably a couple of reasons.
NOTE Confidence: 0.8353823511111111

00:39:20.370 --> 00:39:22.014 Reduction in smoking has
NOTE Confidence: 0.8353823511111111

00:39:22.014 --> 00:39:23.247 probably improved the,
NOTE Confidence: 0.8353823511111111

00:39:23.250 --> 00:39:24.786 the incidence has reduced the incidence.
NOTE Confidence: 0.8353823511111111

00:39:24.790 --> 00:39:25.990 I think that's pretty clear cut,
NOTE Confidence: 0.8353823511111111

00:39:25.990 --> 00:39:27.694 but I think also the improvement
NOTE Confidence: 0.8353823511111111

00:39:27.694 --> 00:39:28.830 in screening has helped.
NOTE Confidence: 0.8353823511111111

00:39:28.830 --> 00:39:30.090 But I guess maybe I'm partial,
NOTE Confidence: 0.8353823511111111

00:39:30.090 --> 00:39:32.187 but I think in in large part it's because
NOTE Confidence: 0.8353823511111111

00:39:32.187 --> 00:39:34.180 of our improvements in therapy and.
NOTE Confidence: 0.8353823511111111

00:39:34.180 --> 00:39:34.482 In,
NOTE Confidence: 0.8353823511111111

00:39:34.482 --> 00:39:34.784 in,
NOTE Confidence: 0.8353823511111111

00:39:34.784 --> 00:39:35.086 out,

NOTE Confidence: 0.835382351111111

00:39:35.086 --> 00:39:37.200 because metastatic disease is so common in

NOTE Confidence: 0.807515220833333

00:39:37.260 --> 00:39:39.147 lung cancer, the improvements in

NOTE Confidence: 0.807515220833333

00:39:39.147 --> 00:39:41.192 immune therapy and targeted therapies

NOTE Confidence: 0.807515220833333

00:39:41.192 --> 00:39:43.299 have really changed the outlook

NOTE Confidence: 0.807515220833333

00:39:43.299 --> 00:39:45.339 for patients with advanced disease.

NOTE Confidence: 0.807515220833333

00:39:45.340 --> 00:39:46.868 Next slide. Oh, I have one more slide

NOTE Confidence: 0.807515220833333

00:39:46.868 --> 00:39:48.299 which is going back to this case.

NOTE Confidence: 0.807515220833333

00:39:48.300 --> 00:39:50.276 So this is really an amazing case because

NOTE Confidence: 0.807515220833333

00:39:50.276 --> 00:39:51.778 this patient was very symptomatic,

NOTE Confidence: 0.807515220833333

00:39:51.780 --> 00:39:54.572 had a biopsy of a liver lesion that

NOTE Confidence: 0.807515220833333

00:39:54.572 --> 00:39:56.440 showed adenocarcinoma from lung primary,

NOTE Confidence: 0.807515220833333

00:39:56.440 --> 00:39:57.970 had molecular testing that showed

NOTE Confidence: 0.807515220833333

00:39:57.970 --> 00:39:58.888 an EGFR mutation.

NOTE Confidence: 0.807515220833333

00:39:58.890 --> 00:40:00.378 That was one of those pieces of the

NOTE Confidence: 0.807515220833333

00:40:00.378 --> 00:40:02.115 pie I showed you found in about 20%

NOTE Confidence: 0.807515220833333

00:40:02.120 --> 00:40:04.075 of patients with lung adenocarcinoma
NOTE Confidence: 0.807515220833333

00:40:04.075 --> 00:40:05.639 was started on osimertinib.
NOTE Confidence: 0.807515220833333

00:40:05.640 --> 00:40:08.079 That was at a study I showed you where
NOTE Confidence: 0.807515220833333

00:40:08.079 --> 00:40:10.778 there was a benefit of osimertinib versus
NOTE Confidence: 0.807515220833333

00:40:10.778 --> 00:40:13.159 other targeted therapies and he had
NOTE Confidence: 0.807515220833333

00:40:13.159 --> 00:40:15.373 a significant improvement in in symptoms.
NOTE Confidence: 0.807515220833333

00:40:15.380 --> 00:40:16.948 Pain and cough even in just a few
NOTE Confidence: 0.807515220833333

00:40:16.948 --> 00:40:18.555 weeks and we see that quite commonly
NOTE Confidence: 0.807515220833333

00:40:18.555 --> 00:40:20.222 where even just a couple of weeks
NOTE Confidence: 0.807515220833333

00:40:20.222 --> 00:40:21.590 people start to feel better when
NOTE Confidence: 0.807515220833333

00:40:21.590 --> 00:40:22.743 they get a successful therapy.
NOTE Confidence: 0.807515220833333

00:40:22.743 --> 00:40:24.690 And then you can see on the right,
NOTE Confidence: 0.807515220833333

00:40:24.690 --> 00:40:26.970 the post treatment scans look amazing.
NOTE Confidence: 0.807515220833333

00:40:26.970 --> 00:40:28.878 So all those lung nodules are
NOTE Confidence: 0.807515220833333

00:40:28.878 --> 00:40:30.150 either gone or decreased.
NOTE Confidence: 0.807515220833333

00:40:30.150 --> 00:40:31.230 The bone lesions are better,

NOTE Confidence: 0.807515220833333

00:40:31.230 --> 00:40:32.590 the liver lesions are better.

NOTE Confidence: 0.807515220833333

00:40:32.590 --> 00:40:34.474 And this patient had an ongoing

NOTE Confidence: 0.807515220833333

00:40:34.474 --> 00:40:36.699 response still going on after two years.

NOTE Confidence: 0.807515220833333

00:40:36.700 --> 00:40:38.317 And again this is something we often

NOTE Confidence: 0.807515220833333

00:40:38.317 --> 00:40:40.356 will see in clinic where people have

NOTE Confidence: 0.807515220833333

00:40:40.356 --> 00:40:41.648 significant reductions in disease

NOTE Confidence: 0.807515220833333

00:40:41.648 --> 00:40:43.309 that can last for many years.

NOTE Confidence: 0.807515220833333

00:40:43.310 --> 00:40:45.627 It's not a curative therapy our targeted.

NOTE Confidence: 0.807515220833333

00:40:45.630 --> 00:40:47.160 Therapies and immune therapies when

NOTE Confidence: 0.807515220833333

00:40:47.160 --> 00:40:48.690 we treat advanced disease don't

NOTE Confidence: 0.807515220833333

00:40:48.738 --> 00:40:50.106 cure the disease like like binny's

NOTE Confidence: 0.807515220833333

00:40:50.106 --> 00:40:52.001 able to do when he does surgery or

NOTE Confidence: 0.807515220833333

00:40:52.001 --> 00:40:53.399 we're able to do with radiation.

NOTE Confidence: 0.807515220833333

00:40:53.400 --> 00:40:55.843 But we really can see amazing benefit

NOTE Confidence: 0.807515220833333

00:40:55.843 --> 00:40:58.430 with some of our newer treatments.

NOTE Confidence: 0.807515220833333

00:40:58.430 --> 00:40:58.912 Next slide.
NOTE Confidence: 0.807515220833333

00:40:58.912 --> 00:41:00.840 So sorry this is this went a little
NOTE Confidence: 0.807515220833333

00:41:00.892 --> 00:41:02.737 bit of out of order here but I wanted
NOTE Confidence: 0.807515220833333

00:41:02.737 --> 00:41:04.777 to just briefly mention some of the
NOTE Confidence: 0.807515220833333

00:41:04.777 --> 00:41:06.448 side effects because this is something
NOTE Confidence: 0.807515220833333

00:41:06.448 --> 00:41:08.121 I think in primary care you you'll
NOTE Confidence: 0.807515220833333

00:41:08.121 --> 00:41:09.823 you'll you either already have seen or
NOTE Confidence: 0.807515220833333

00:41:09.823 --> 00:41:11.607 you're going to start to see more often.
NOTE Confidence: 0.807515220833333

00:41:11.610 --> 00:41:13.031 Because as we see the benefit of
NOTE Confidence: 0.807515220833333

00:41:13.031 --> 00:41:14.509 so many of our treatments we're
NOTE Confidence: 0.807515220833333

00:41:14.509 --> 00:41:15.869 using them more and more.
NOTE Confidence: 0.807515220833333

00:41:15.870 --> 00:41:17.220 We use them in metastatic disease
NOTE Confidence: 0.807515220833333

00:41:17.220 --> 00:41:19.108 to start and now you heard from from
NOTE Confidence: 0.807515220833333

00:41:19.108 --> 00:41:20.512 the others about how we're using
NOTE Confidence: 0.807515220833333

00:41:20.565 --> 00:41:22.189 them in early stage disease as well.
NOTE Confidence: 0.807515220833333

00:41:22.190 --> 00:41:24.486 And so when we use immune therapies

NOTE Confidence: 0.807515220833333

00:41:24.486 --> 00:41:26.138 we're activating the immune system

NOTE Confidence: 0.807515220833333

00:41:26.138 --> 00:41:28.266 to fight the cancer but we're it's

NOTE Confidence: 0.807515220833333

00:41:28.266 --> 00:41:29.689 not specific specific.

NOTE Confidence: 0.807515220833333

00:41:29.690 --> 00:41:31.972 And so you can see immune related

NOTE Confidence: 0.807515220833333

00:41:31.972 --> 00:41:33.354 adverse events fairly commonly

NOTE Confidence: 0.807515220833333

00:41:33.354 --> 00:41:35.382 from our treatments and here's just

NOTE Confidence: 0.807515220833333

00:41:35.382 --> 00:41:37.529 a summary of all the different.

NOTE Confidence: 0.807515220833333

00:41:37.530 --> 00:41:38.754 Inflammatory conditions that we

NOTE Confidence: 0.807515220833333

00:41:38.754 --> 00:41:39.978 cause with these treatments,

NOTE Confidence: 0.807515220833333

00:41:39.980 --> 00:41:42.794 really any organ system can be involved.

NOTE Confidence: 0.807515220833333

00:41:42.800 --> 00:41:44.252 It's important to know that the

NOTE Confidence: 0.807515220833333

00:41:44.252 --> 00:41:45.220 onset can be variable.

NOTE Confidence: 0.807515220833333

00:41:45.220 --> 00:41:46.795 It could be immediate or a few

NOTE Confidence: 0.807515220833333

00:41:46.795 --> 00:41:47.820 weeks or months later,

NOTE Confidence: 0.807515220833333

00:41:47.820 --> 00:41:49.717 but it also could be months or

NOTE Confidence: 0.807515220833333

00:41:49.717 --> 00:41:51.299 years after therapy is completed.
NOTE Confidence: 0.807515220833333

00:41:51.300 --> 00:41:52.705 So absolutely something that you
NOTE Confidence: 0.807515220833333

00:41:52.705 --> 00:41:54.110 should know about when you're
NOTE Confidence: 0.807515220833333

00:41:54.159 --> 00:41:55.569 seeing patients who were treated
NOTE Confidence: 0.807515220833333

00:41:55.569 --> 00:41:56.697 with these these drugs.
NOTE Confidence: 0.807515220833333

00:41:56.700 --> 00:41:58.685 Most of the adverse events
NOTE Confidence: 0.807515220833333

00:41:58.685 --> 00:42:00.273 are treatable with steroids,
NOTE Confidence: 0.807515220833333

00:42:00.280 --> 00:42:01.760 but you know sometimes they
NOTE Confidence: 0.807515220833333

00:42:01.760 --> 00:42:02.944 require a long course.
NOTE Confidence: 0.885710072857143

00:42:02.950 --> 00:42:05.704 So something to be aware of and to to
NOTE Confidence: 0.885710072857143

00:42:05.704 --> 00:42:07.877 consider when someone presents with.
NOTE Confidence: 0.885710072857143

00:42:07.880 --> 00:42:09.160 A new symptom who's been
NOTE Confidence: 0.885710072857143

00:42:09.160 --> 00:42:10.184 treated with these drugs?
NOTE Confidence: 0.885710072857143

00:42:10.190 --> 00:42:11.426 So that's all that I had
NOTE Confidence: 0.885710072857143

00:42:11.426 --> 00:42:12.790 and happy to take questions.
NOTE Confidence: 0.889052358461539

00:42:23.040 --> 00:42:27.488 So now we are are to the question

NOTE Confidence: 0.889052358461539

00:42:27.488 --> 00:42:30.706 and answer part of our program and

NOTE Confidence: 0.889052358461539

00:42:30.706 --> 00:42:33.050 I'm glad to see that we have about.

NOTE Confidence: 0.889052358461539

00:42:33.050 --> 00:42:35.540 10 or 15 minutes left.

NOTE Confidence: 0.889052358461539

00:42:35.540 --> 00:42:36.688 Before we do that,

NOTE Confidence: 0.889052358461539

00:42:36.688 --> 00:42:38.861 I would like to ask those attending

NOTE Confidence: 0.889052358461539

00:42:38.861 --> 00:42:41.135 to make sure and complete that

NOTE Confidence: 0.889052358461539

00:42:41.135 --> 00:42:43.320 survey to receive the CME credit.

NOTE Confidence: 0.889052358461539

00:42:43.320 --> 00:42:45.868 And and we'd love to have you

NOTE Confidence: 0.889052358461539

00:42:45.868 --> 00:42:48.381 come back again in December on

NOTE Confidence: 0.889052358461539

00:42:48.381 --> 00:42:51.051 anemia and the first Tuesday in

NOTE Confidence: 0.889052358461539

00:42:51.051 --> 00:42:53.000 February on gynecologic oncology.

NOTE Confidence: 0.889052358461539

00:42:53.000 --> 00:42:56.500 So I'm going to turn it over

NOTE Confidence: 0.889052358461539

00:42:56.600 --> 00:42:59.148 to Karen to to for the Q&A.

NOTE Confidence: 0.908779042857143

00:43:00.840 --> 00:43:03.563 And so far, I'm seeing only one

NOTE Confidence: 0.908779042857143

00:43:03.563 --> 00:43:06.678 question and I know people have more.

NOTE Confidence: 0.908779042857143

00:43:06.680 --> 00:43:08.200 So please type it in.
NOTE Confidence: 0.908779042857143

00:43:08.200 --> 00:43:11.816 And while you do, I'm going to ask
NOTE Confidence: 0.908779042857143

00:43:11.816 --> 00:43:14.937 Dan actually a question to tee off.
NOTE Confidence: 0.908779042857143

00:43:14.940 --> 00:43:17.736 So we use many different radiology
NOTE Confidence: 0.908779042857143

00:43:17.736 --> 00:43:20.235 services for lung cancer screening
NOTE Confidence: 0.908779042857143

00:43:20.235 --> 00:43:22.419 and many different radiology
NOTE Confidence: 0.908779042857143

00:43:22.419 --> 00:43:25.149 services for any imaging where
NOTE Confidence: 0.908779042857143

00:43:25.229 --> 00:43:28.549 incidental nodules are found.
NOTE Confidence: 0.908779042857143

00:43:28.550 --> 00:43:32.104 And it is possible that some of
NOTE Confidence: 0.908779042857143

00:43:32.104 --> 00:43:34.694 the radiologists may give slightly
NOTE Confidence: 0.908779042857143

00:43:34.694 --> 00:43:37.795 different advice on whether it exactly
NOTE Confidence: 0.908779042857143

00:43:37.795 --> 00:43:40.270 follows Fleischner criteria or not.
NOTE Confidence: 0.908779042857143

00:43:40.270 --> 00:43:42.269 Or have you seen that?
NOTE Confidence: 0.908779042857143

00:43:42.269 --> 00:43:45.622 And how quick are you to kind
NOTE Confidence: 0.908779042857143

00:43:45.622 --> 00:43:49.672 of overrule a bottom line on a
NOTE Confidence: 0.908779042857143

00:43:49.672 --> 00:43:51.826 radiologist suggestion for the

NOTE Confidence: 0.908779042857143
00:43:51.826 --> 00:43:53.506 interval of follow-up imaging if
NOTE Confidence: 0.908779042857143
00:43:53.506 --> 00:43:55.315 it doesn't match your understanding
NOTE Confidence: 0.908779042857143
00:43:55.315 --> 00:43:57.745 based on the criteria you outlined?
NOTE Confidence: 0.8505414
00:43:59.110 --> 00:44:01.750 That's the great question.
NOTE Confidence: 0.8505414
00:44:01.750 --> 00:44:04.486 I'll first say for medical legal
NOTE Confidence: 0.8505414
00:44:04.486 --> 00:44:06.978 reasons it's very difficult to
NOTE Confidence: 0.8505414
00:44:06.978 --> 00:44:09.346 overrule a radiology recommendation,
NOTE Confidence: 0.8505414
00:44:09.350 --> 00:44:11.765 particularly if you decide the
NOTE Confidence: 0.8505414
00:44:11.765 --> 00:44:13.697 intervals should be longer.
NOTE Confidence: 0.8505414
00:44:13.700 --> 00:44:16.940 Most important issue is risk profiles,
NOTE Confidence: 0.8505414
00:44:16.940 --> 00:44:18.765 and the radiologists don't really
NOTE Confidence: 0.8505414
00:44:18.765 --> 00:44:21.524 have a sense of what type of
NOTE Confidence: 0.8505414
00:44:21.524 --> 00:44:23.240 patients they're dealing with.
NOTE Confidence: 0.8505414
00:44:23.240 --> 00:44:26.509 And I know that there are different
NOTE Confidence: 0.8505414
00:44:26.509 --> 00:44:29.421 opinions and different radiologists will
NOTE Confidence: 0.8505414

00:44:29.421 --> 00:44:32.269 view different imaging differently.
NOTE Confidence: 0.8505414

00:44:32.270 --> 00:44:36.454 So we're kind of in a situation where
NOTE Confidence: 0.8505414

00:44:36.454 --> 00:44:39.598 you have to seek other opinions unless
NOTE Confidence: 0.8505414

00:44:39.598 --> 00:44:42.370 you feel confident as a primary care
NOTE Confidence: 0.8505414

00:44:42.446 --> 00:44:45.246 provider that you can make that decision.
NOTE Confidence: 0.8505414

00:44:45.250 --> 00:44:47.602 There is a problem in our community
NOTE Confidence: 0.8505414

00:44:47.602 --> 00:44:49.740 with two different radiology groups.
NOTE Confidence: 0.8505414

00:44:49.740 --> 00:44:53.030 Sometimes the imaging from one
NOTE Confidence: 0.8505414

00:44:53.030 --> 00:44:55.529 service is not available to the other,
NOTE Confidence: 0.8505414

00:44:55.530 --> 00:44:57.870 so very often I'm digging through
NOTE Confidence: 0.8505414

00:44:57.870 --> 00:45:01.001 old imaging to see if there's any
NOTE Confidence: 0.8505414

00:45:01.001 --> 00:45:03.486 previous imaging that wasn't compared.
NOTE Confidence: 0.8505414

00:45:03.490 --> 00:45:04.591 Comparison to prodder.
NOTE Confidence: 0.8505414

00:45:04.591 --> 00:45:07.668 Imaging is also an issue if you're using
NOTE Confidence: 0.8505414

00:45:07.668 --> 00:45:10.314 different groups for primary care doctors,
NOTE Confidence: 0.8505414

00:45:10.320 --> 00:45:12.475 so my recommendation to you

NOTE Confidence: 0.8505414

00:45:12.475 --> 00:45:15.170 is to stick with the same.

NOTE Confidence: 0.8505414

00:45:15.170 --> 00:45:19.436 Radiology group as the original scan

NOTE Confidence: 0.8505414

00:45:19.440 --> 00:45:23.016 and I would follow the radiology

NOTE Confidence: 0.8505414

00:45:23.016 --> 00:45:25.400 recommendation unless you have

NOTE Confidence: 0.8505414

00:45:25.497 --> 00:45:28.285 a another subspecialty opinion

NOTE Confidence: 0.8505414

00:45:28.285 --> 00:45:31.073 that supports your decision.

NOTE Confidence: 0.8505414

00:45:31.080 --> 00:45:33.555 Particularly if it's to ignore

NOTE Confidence: 0.8505414

00:45:33.555 --> 00:45:36.030 the frequency or the immediacy

NOTE Confidence: 0.8505414

00:45:36.111 --> 00:45:38.139 of the follow-up imaging,

NOTE Confidence: 0.8505414

00:45:38.140 --> 00:45:41.938 because the last thing you want is to find

NOTE Confidence: 0.8505414

00:45:41.938 --> 00:45:45.666 out that there is a significant change.

NOTE Confidence: 0.8505414

00:45:45.670 --> 00:45:48.561 In a nodule that you have decided

NOTE Confidence: 0.8505414

00:45:48.561 --> 00:45:51.028 was benign at a later date.

NOTE Confidence: 0.8505414

00:45:51.030 --> 00:45:53.470 So I don't overrule radiologists.

NOTE Confidence: 0.8505414

00:45:53.470 --> 00:45:56.422 I do bring patients in to to make

NOTE Confidence: 0.8505414

00:45:56.422 --> 00:45:59.595 certain of the risk profile and then I.
NOTE Confidence: 0.8505414

00:45:59.600 --> 00:46:02.939 Very often take command of of what
NOTE Confidence: 0.8505414

00:46:02.939 --> 00:46:07.548 I do in terms of follow-up imaging.
NOTE Confidence: 0.8505414

00:46:07.550 --> 00:46:08.438 If that helps.
NOTE Confidence: 0.880366627777778

00:46:09.910 --> 00:46:12.088 Well, I think end of life and you know,
NOTE Confidence: 0.880366627777778

00:46:12.090 --> 00:46:14.425 life expectancy and informed decision
NOTE Confidence: 0.880366627777778

00:46:14.425 --> 00:46:17.263 making around that is probably something
NOTE Confidence: 0.880366627777778

00:46:17.263 --> 00:46:19.738 we could also justify you know,
NOTE Confidence: 0.880366627777778

00:46:19.738 --> 00:46:21.658 with or without specialty consultation
NOTE Confidence: 0.880366627777778

00:46:21.658 --> 00:46:23.908 with very explicit discussion that I,
NOTE Confidence: 0.880366627777778

00:46:23.910 --> 00:46:25.500 I, I do see your point.
NOTE Confidence: 0.71231378

00:46:26.950 --> 00:46:28.290 I think they're older folks.
NOTE Confidence: 0.71231378

00:46:28.290 --> 00:46:30.504 I mean I have you know 90 year old
NOTE Confidence: 0.71231378

00:46:30.504 --> 00:46:32.031 patients that have incidental nodules
NOTE Confidence: 0.71231378

00:46:32.031 --> 00:46:34.296 and at that age the real question
NOTE Confidence: 0.71231378

00:46:34.296 --> 00:46:36.206 they have other medical issues.

NOTE Confidence: 0.71231378

00:46:36.210 --> 00:46:38.268 Do you really need to go through

NOTE Confidence: 0.71231378

00:46:38.268 --> 00:46:40.650 the process of follow up and that's

NOTE Confidence: 0.71231378

00:46:40.650 --> 00:46:42.792 that's where the primary care doctor

NOTE Confidence: 0.71231378

00:46:42.862 --> 00:46:45.154 can be instrumental in dictating what

NOTE Confidence: 0.71231378

00:46:45.154 --> 00:46:47.176 the patients wishes are and needs.

NOTE Confidence: 0.71231378

00:46:47.176 --> 00:46:48.877 But when you're dealing with a younger

NOTE Confidence: 0.71231378

00:46:48.877 --> 00:46:50.677 age group it's a different challenge.

NOTE Confidence: 0.733057128

00:46:55.930 --> 00:46:58.130 And then Steve, you've unmuted.

NOTE Confidence: 0.733057128

00:46:58.130 --> 00:46:59.789 I thought maybe you had a question.

NOTE Confidence: 0.865295777142857

00:47:01.530 --> 00:47:03.777 I do have a question and I

NOTE Confidence: 0.865295777142857

00:47:03.777 --> 00:47:06.099 would say I put this up to.

NOTE Confidence: 0.865295777142857

00:47:06.100 --> 00:47:08.100 Any of the other panelists.

NOTE Confidence: 0.865295777142857

00:47:08.100 --> 00:47:11.138 So as primary care one of our

NOTE Confidence: 0.865295777142857

00:47:11.138 --> 00:47:13.873 concerns is is sometimes we just

NOTE Confidence: 0.865295777142857

00:47:13.873 --> 00:47:16.981 want to know how to get the

NOTE Confidence: 0.865295777142857

00:47:17.082 --> 00:47:20.239 attention of of the of you guys.
NOTE Confidence: 0.865295777142857

00:47:20.240 --> 00:47:22.578 So we know we can sort of
NOTE Confidence: 0.865295777142857

00:47:22.578 --> 00:47:24.398 arbitrarily enter or referral into
NOTE Confidence: 0.865295777142857

00:47:24.398 --> 00:47:26.995 epic and we click a send button.
NOTE Confidence: 0.865295777142857

00:47:27.000 --> 00:47:28.520 But sometimes you don't,
NOTE Confidence: 0.865295777142857

00:47:28.520 --> 00:47:30.420 you don't know everything and
NOTE Confidence: 0.865295777142857

00:47:30.420 --> 00:47:32.309 and sometimes we want to just
NOTE Confidence: 0.865295777142857

00:47:32.309 --> 00:47:34.410 type in the in the box that
NOTE Confidence: 0.865295777142857

00:47:34.410 --> 00:47:36.352 says help because we want to.
NOTE Confidence: 0.865295777142857

00:47:36.352 --> 00:47:37.028 Thank you.
NOTE Confidence: 0.865295777142857

00:47:37.030 --> 00:47:39.346 So how would you recommend with these,
NOTE Confidence: 0.865295777142857

00:47:39.346 --> 00:47:41.313 you know people on the on the
NOTE Confidence: 0.865295777142857

00:47:41.313 --> 00:47:43.059 line here who are primary care
NOTE Confidence: 0.865295777142857

00:47:43.059 --> 00:47:44.374 physicians that that we sort
NOTE Confidence: 0.865295777142857

00:47:44.374 --> 00:47:46.155 of say well is this the urgent,
NOTE Confidence: 0.865295777142857

00:47:46.155 --> 00:47:48.350 urgent case is this is there,

NOTE Confidence: 0.865295777142857
00:47:48.350 --> 00:47:49.510 is there certain things that
NOTE Confidence: 0.865295777142857
00:47:49.510 --> 00:47:51.191 you might want us to look at
NOTE Confidence: 0.865295777142857
00:47:51.191 --> 00:47:52.583 differently so that we can raise
NOTE Confidence: 0.865295777142857
00:47:52.583 --> 00:47:54.340 that red flag a little differently.
NOTE Confidence: 0.865295777142857
00:47:54.340 --> 00:47:54.782 You know,
NOTE Confidence: 0.865295777142857
00:47:54.782 --> 00:47:56.329 I was fortunate when he came into
NOTE Confidence: 0.865295777142857
00:47:56.329 --> 00:47:57.647 my office and literally sadly
NOTE Confidence: 0.865295777142857
00:47:57.647 --> 00:47:59.405 a week later I had somebody he
NOTE Confidence: 0.865295777142857
00:47:59.405 --> 00:48:00.815 did you know lung cancer surgery
NOTE Confidence: 0.865295777142857
00:48:00.815 --> 00:48:02.517 and I happened to seen him and
NOTE Confidence: 0.865295777142857
00:48:02.517 --> 00:48:04.061 I got his phone number and so I
NOTE Confidence: 0.865295777142857
00:48:04.116 --> 00:48:05.677 called him and he got someone in
NOTE Confidence: 0.865295777142857
00:48:05.677 --> 00:48:07.200 the next day for me and that was.
NOTE Confidence: 0.865295777142857
00:48:07.200 --> 00:48:08.970 Catholic but but not everyone on
NOTE Confidence: 0.865295777142857
00:48:08.970 --> 00:48:10.990 this has each others phone numbers.
NOTE Confidence: 0.865295777142857

00:48:10.990 --> 00:48:12.866 We don't all see each other and
NOTE Confidence: 0.865295777142857

00:48:12.866 --> 00:48:14.020 we also primary care.
NOTE Confidence: 0.865295777142857

00:48:14.020 --> 00:48:15.996 We don't want to raise the red flag
NOTE Confidence: 0.865295777142857

00:48:15.996 --> 00:48:17.657 for someone who's not a red flag,
NOTE Confidence: 0.865295777142857

00:48:17.660 --> 00:48:20.020 but we also don't want to to be
NOTE Confidence: 0.865295777142857

00:48:20.020 --> 00:48:21.325 the 10.4 days when it should
NOTE Confidence: 0.865295777142857

00:48:21.325 --> 00:48:22.640 have been the next day visit.
NOTE Confidence: 0.865295777142857

00:48:22.640 --> 00:48:24.747 Any advice you could give us on
NOTE Confidence: 0.865295777142857

00:48:24.747 --> 00:48:27.190 how to sort of let you guys know
NOTE Confidence: 0.865295777142857

00:48:27.190 --> 00:48:29.464 whether that's a a my chart message
NOTE Confidence: 0.865295777142857

00:48:29.464 --> 00:48:31.532 is that how do we let you guys
NOTE Confidence: 0.865295777142857

00:48:31.532 --> 00:48:32.890 know that we might be worried?
NOTE Confidence: 0.78087145

00:48:39.810 --> 00:48:40.200 Steve.
NOTE Confidence: 0.79765779625

00:48:44.130 --> 00:48:47.434 I'll, I'll comment that you know I think.
NOTE Confidence: 0.79765779625

00:48:47.440 --> 00:48:49.704 Any one of us I will maybe speak
NOTE Confidence: 0.79765779625

00:48:49.704 --> 00:48:51.412 through would be happy to help

NOTE Confidence: 0.79765779625
00:48:51.412 --> 00:48:53.032 guide you if you reach out.
NOTE Confidence: 0.79765779625
00:48:53.040 --> 00:48:56.064 You don't need a phone number to e-mail
NOTE Confidence: 0.79765779625
00:48:56.064 --> 00:48:58.460 us or to you know, epic message us.
NOTE Confidence: 0.79765779625
00:48:58.460 --> 00:49:01.380 I and I often get calls or texts
NOTE Confidence: 0.79765779625
00:49:01.380 --> 00:49:03.858 or emails from people saying,
NOTE Confidence: 0.79765779625
00:49:03.860 --> 00:49:04.940 well this is what's going on,
NOTE Confidence: 0.79765779625
00:49:04.940 --> 00:49:06.172 what are you suggested?
NOTE Confidence: 0.79765779625
00:49:06.172 --> 00:49:07.712 I actually think it's helpful
NOTE Confidence: 0.79765779625
00:49:07.712 --> 00:49:08.830 for a few reasons.
NOTE Confidence: 0.79765779625
00:49:08.830 --> 00:49:10.206 First of all we can help get the
NOTE Confidence: 0.79765779625
00:49:10.206 --> 00:49:11.623 person in if it really is urgent or
NOTE Confidence: 0.79765779625
00:49:11.623 --> 00:49:13.168 even if it's not urgent but the person
NOTE Confidence: 0.79765779625
00:49:13.168 --> 00:49:14.616 just really wants to be seen right.
NOTE Confidence: 0.79765779625
00:49:14.616 --> 00:49:16.128 Sometimes even if it's not medically urgent,
NOTE Confidence: 0.79765779625
00:49:16.130 --> 00:49:17.222 it's like emotionally urgent
NOTE Confidence: 0.79765779625

00:49:17.222 --> 00:49:18.860 that the patient is seen and
NOTE Confidence: 0.79765779625

00:49:18.909 --> 00:49:20.249 that's really important too.
NOTE Confidence: 0.79765779625

00:49:20.250 --> 00:49:21.858 But we could also suggest some
NOTE Confidence: 0.79765779625

00:49:21.858 --> 00:49:23.982 maybe some work up it you know to
NOTE Confidence: 0.79765779625

00:49:23.982 --> 00:49:25.550 get things going while the while
NOTE Confidence: 0.79765779625

00:49:25.550 --> 00:49:27.150 the appointment details are are
NOTE Confidence: 0.79765779625

00:49:27.150 --> 00:49:29.141 processing you know we I might say
NOTE Confidence: 0.79765779625

00:49:29.141 --> 00:49:31.050 oh you have a CAT scan that's great.
NOTE Confidence: 0.79765779625

00:49:31.050 --> 00:49:32.170 We would also probably want a PET
NOTE Confidence: 0.79765779625

00:49:32.170 --> 00:49:33.453 scan and a brain MRI you know
NOTE Confidence: 0.79765779625

00:49:33.453 --> 00:49:34.742 like let's get that started. So.
NOTE Confidence: 0.79765779625

00:49:34.742 --> 00:49:37.066 So I I think it's actually great
NOTE Confidence: 0.79765779625

00:49:37.066 --> 00:49:38.838 to reach out to us and.
NOTE Confidence: 0.79765779625

00:49:38.840 --> 00:49:39.419 Um, I think,
NOTE Confidence: 0.79765779625

00:49:39.419 --> 00:49:41.167 I think any of us would be happy
NOTE Confidence: 0.79765779625

00:49:41.167 --> 00:49:42.857 to help with initial guidance

NOTE Confidence: 0.79765779625

00:49:42.857 --> 00:49:44.209 and and expediting appointments.

NOTE Confidence: 0.799193958

00:49:45.550 --> 00:49:48.033 Yeah, and I think, Umm, I asked Renee

NOTE Confidence: 0.799193958

00:49:48.033 --> 00:49:50.309 to put my cell phone in the chat too.

NOTE Confidence: 0.799193958

00:49:50.310 --> 00:49:54.164 You can call, you know, call me anytime.

NOTE Confidence: 0.799193958

00:49:54.164 --> 00:49:56.432 Just what Sarah said is sometimes

NOTE Confidence: 0.799193958

00:49:56.432 --> 00:49:58.809 that quick phone call we can say,

NOTE Confidence: 0.799193958

00:49:58.810 --> 00:50:00.903 well, I'll see them and if you're

NOTE Confidence: 0.799193958

00:50:00.903 --> 00:50:02.626 OK ordering a pet, we're getting

NOTE Confidence: 0.799193958

00:50:02.626 --> 00:50:04.397 enough a different kind of a CT.

NOTE Confidence: 0.799193958

00:50:04.400 --> 00:50:06.170 It helps when we see them.

NOTE Confidence: 0.799193958

00:50:06.170 --> 00:50:08.683 What I try and do is typically

NOTE Confidence: 0.799193958

00:50:08.683 --> 00:50:11.170 what happens is when you call us,

NOTE Confidence: 0.799193958

00:50:11.170 --> 00:50:12.906 you know, it's likely that you know,

NOTE Confidence: 0.799193958

00:50:12.910 --> 00:50:15.534 you're in the room with the patient and.

NOTE Confidence: 0.799193958

00:50:15.540 --> 00:50:18.088 Should I try and do is Umm,

NOTE Confidence: 0.799193958

00:50:18.090 --> 00:50:19.920 you know touch base with them
NOTE Confidence: 0.799193958

00:50:19.920 --> 00:50:21.437 hopefully either that night or
NOTE Confidence: 0.799193958

00:50:21.437 --> 00:50:23.124 the next day myself just so that
NOTE Confidence: 0.799193958

00:50:23.124 --> 00:50:24.865 they know that we've talked and at
NOTE Confidence: 0.799193958

00:50:24.865 --> 00:50:26.550 least for me you can always give
NOTE Confidence: 0.799193958

00:50:26.550 --> 00:50:27.990 my cell phone to the patients.
NOTE Confidence: 0.799193958

00:50:27.990 --> 00:50:29.184 I'm happy to have them text
NOTE Confidence: 0.799193958

00:50:29.184 --> 00:50:30.370 or call me directly as well.
NOTE Confidence: 0.87523999

00:50:33.730 --> 00:50:36.096 Great. And I am seeing right here
NOTE Confidence: 0.972425966666667

00:50:39.530 --> 00:50:43.000 8 O 27344231 especially for those
NOTE Confidence: 0.972425966666667

00:50:43.000 --> 00:50:44.530 of you in the Bridgeport region.
NOTE Confidence: 0.972425966666667

00:50:44.530 --> 00:50:47.995 I think the the other thing that
NOTE Confidence: 0.972425966666667

00:50:47.995 --> 00:50:50.560 probably bears repeating again is
NOTE Confidence: 0.972425966666667

00:50:50.560 --> 00:50:53.530 access to you know the pulmonary
NOTE Confidence: 0.972425966666667

00:50:53.530 --> 00:50:55.262 nodule programs and how that
NOTE Confidence: 0.972425966666667

00:50:55.262 --> 00:50:57.010 looks in the various regions.

NOTE Confidence: 0.972425966666667

00:50:57.010 --> 00:50:58.788 It looks like Bridgeport has

NOTE Confidence: 0.972425966666667

00:50:58.788 --> 00:51:00.178 a great one built out.

NOTE Confidence: 0.972425966666667

00:51:00.180 --> 00:51:02.010 What what's the status of that

NOTE Confidence: 0.972425966666667

00:51:02.010 --> 00:51:02.925 in other regions?

NOTE Confidence: 0.972425966666667

00:51:02.930 --> 00:51:04.764 Where we have any MG and and

NOTE Confidence: 0.972425966666667

00:51:04.764 --> 00:51:06.220 other primary care clinicians.

NOTE Confidence: 0.905801578571429

00:51:10.080 --> 00:51:11.179 And do you want to take that?

NOTE Confidence: 0.89944494

00:51:12.940 --> 00:51:15.597 Yeah, I was trying to get the the

NOTE Confidence: 0.882973588421052

00:51:15.600 --> 00:51:18.708 so Renee actually put into the the

NOTE Confidence: 0.882973588421052

00:51:18.708 --> 00:51:21.360 question and answer and I'm not

NOTE Confidence: 0.882973588421052

00:51:21.360 --> 00:51:23.826 sure that everybody can see that.

NOTE Confidence: 0.882973588421052

00:51:23.830 --> 00:51:26.385 But that's the link to the lung

NOTE Confidence: 0.882973588421052

00:51:26.385 --> 00:51:28.256 screening that's across the network

NOTE Confidence: 0.882973588421052

00:51:28.256 --> 00:51:30.720 and it actually shows you who the

NOTE Confidence: 0.882973588421052

00:51:30.720 --> 00:51:32.666 contact person is in New Haven,

NOTE Confidence: 0.882973588421052

00:51:32.670 --> 00:51:35.174 Lynn, Tenue, Polly, Sather,
NOTE Confidence: 0.882973588421052

00:51:35.174 --> 00:51:38.870 who the contact person is in Bridgeport
NOTE Confidence: 0.882973588421052

00:51:38.870 --> 00:51:41.237 and then in Greenwich, etcetera.
NOTE Confidence: 0.882973588421052

00:51:41.237 --> 00:51:44.086 And so that's probably the best way.
NOTE Confidence: 0.882973588421052

00:51:44.090 --> 00:51:46.186 And somebody also asked for the epic link.
NOTE Confidence: 0.882973588421052

00:51:46.190 --> 00:51:47.682 And I guess, Renee,
NOTE Confidence: 0.882973588421052

00:51:47.682 --> 00:51:50.250 there's also if we go back to,
NOTE Confidence: 0.882973588421052

00:51:50.250 --> 00:51:54.114 for example, I think the the slide deck.
NOTE Confidence: 0.882973588421052

00:51:54.120 --> 00:51:56.360 Dan had provided the.
NOTE Confidence: 0.882973588421052

00:51:56.360 --> 00:52:00.480 The epic referral to pulmonary nodule clinic.
NOTE Confidence: 0.882973588421052

00:52:00.480 --> 00:52:02.050 So that
NOTE Confidence: 0.818296885

00:52:02.060 --> 00:52:04.460 actually bears putting up again because
NOTE Confidence: 0.818296885

00:52:04.460 --> 00:52:07.480 it's not intuitive when you search for it.
NOTE Confidence: 0.818296885

00:52:07.480 --> 00:52:09.336 You have to kind of know the name.
NOTE Confidence: 0.725613045

00:52:10.660 --> 00:52:12.140 So I don't know, Renee,
NOTE Confidence: 0.725613045

00:52:12.140 --> 00:52:13.830 you can share that again.

NOTE Confidence: 0.59198725
00:52:16.210 --> 00:52:19.206 Megan, I think if you
NOTE Confidence: 0.59198725
00:52:19.206 --> 00:52:20.388 search pulmonary nodule.
NOTE Confidence: 0.831350914
00:52:20.390 --> 00:52:23.259 On the Epic order platform, it'll come up.
NOTE Confidence: 0.820855937333333
00:52:24.160 --> 00:52:26.280 It says Jan was in my office with
NOTE Confidence: 0.820855937333333
00:52:26.280 --> 00:52:28.480 Megan and he actually just tried it.
NOTE Confidence: 0.820855937333333
00:52:28.480 --> 00:52:30.928 I just opened up a patient's chart and I
NOTE Confidence: 0.820855937333333
00:52:30.928 --> 00:52:33.871 typed in the word poll nodule and the that.
NOTE Confidence: 0.820855937333333
00:52:33.871 --> 00:52:36.373 It came up quite easily actually.
NOTE Confidence: 0.820855937333333
00:52:36.380 --> 00:52:38.354 So it was it was pretty similar.
NOTE Confidence: 0.940035911666667
00:52:39.010 --> 00:52:44.520 And if you keep on going, oops, go back.
NOTE Confidence: 0.940035911666667
00:52:44.520 --> 00:52:46.580 There's ambulatory.
NOTE Confidence: 0.940035911666667
00:52:46.580 --> 00:52:49.080 Referral to pulmonary nodule clinic,
NOTE Confidence: 0.940035911666667
00:52:49.080 --> 00:52:51.336 you know I think we've done a really
NOTE Confidence: 0.940035911666667
00:52:51.336 --> 00:52:53.691 great job of of creating a whole
NOTE Confidence: 0.940035911666667
00:52:53.691 --> 00:52:55.411 network for lung screening that's
NOTE Confidence: 0.940035911666667

00:52:55.477 --> 00:52:57.382 actually work that's done that's
NOTE Confidence: 0.940035911666667

00:52:57.382 --> 00:53:00.202 been headed by shavir Laurent and in
NOTE Confidence: 0.940035911666667

00:53:00.202 --> 00:53:02.026 genetics prevention and screening.
NOTE Confidence: 0.940035911666667

00:53:02.030 --> 00:53:05.439 And we have regular meetings of all
NOTE Confidence: 0.940035911666667

00:53:05.439 --> 00:53:07.506 the medical physician leaders but
NOTE Confidence: 0.940035911666667

00:53:07.506 --> 00:53:10.040 also of all the the the coordinators
NOTE Confidence: 0.940035911666667

00:53:10.111 --> 00:53:12.428 just to make sure that we're learning
NOTE Confidence: 0.940035911666667

00:53:12.428 --> 00:53:14.737 from each other and and doing things
NOTE Confidence: 0.940035911666667

00:53:14.740 --> 00:53:16.518 in a standard way across the network.
NOTE Confidence: 0.789182196

00:53:20.750 --> 00:53:22.180 Hopefully that answers the question.
NOTE Confidence: 0.92960034

00:53:24.470 --> 00:53:26.426 Yeah. No, I think we've actually
NOTE Confidence: 0.92960034

00:53:26.426 --> 00:53:27.730 addressed all the questions.
NOTE Confidence: 0.92960034

00:53:27.730 --> 00:53:30.212 Are there on Steve or anybody else?
NOTE Confidence: 0.92960034

00:53:30.212 --> 00:53:31.544 Do do we have any questions
NOTE Confidence: 0.92960034

00:53:31.550 --> 00:53:33.128 for each other or should we?
NOTE Confidence: 0.847217285

00:53:34.220 --> 00:53:38.890 Call it a successful program. Give everybody

NOTE Confidence: 0.77182643

00:53:38.900 --> 00:53:39.839 back 4 minutes.

NOTE Confidence: 0.909024561428571

00:53:42.840 --> 00:53:45.955 Yeah. So, so thanks everyone for coming.

NOTE Confidence: 0.909024561428571

00:53:45.960 --> 00:53:48.480 Again we we have anemia

NOTE Confidence: 0.909024561428571

00:53:48.480 --> 00:53:51.000 that's teed up for December.

NOTE Confidence: 0.909024561428571

00:53:51.000 --> 00:53:53.457 Please send us every send us some

NOTE Confidence: 0.909024561428571

00:53:53.457 --> 00:53:55.439 some feedback about this program.

NOTE Confidence: 0.909024561428571

00:53:55.440 --> 00:53:57.784 Again, we're really trying

NOTE Confidence: 0.909024561428571

00:53:57.784 --> 00:54:00.952 to to dial into questions and

NOTE Confidence: 0.909024561428571

00:54:00.952 --> 00:54:02.944 perspectives from primary care.

NOTE Confidence: 0.909024561428571

00:54:02.950 --> 00:54:05.260 I think the the overall

NOTE Confidence: 0.909024561428571

00:54:05.260 --> 00:54:06.920 picture for lung cancer.

NOTE Confidence: 0.909024561428571

00:54:06.920 --> 00:54:08.995 I'm also a thoracic medical

NOTE Confidence: 0.909024561428571

00:54:08.995 --> 00:54:10.741 oncologist as Sarah said and

NOTE Confidence: 0.909024561428571

00:54:10.741 --> 00:54:12.637 Mike said folks on the screen.

NOTE Confidence: 0.909024561428571

00:54:12.640 --> 00:54:14.950 Is that there really has been an

NOTE Confidence: 0.909024561428571

00:54:14.950 --> 00:54:17.245 amazing amount of research and people

NOTE Confidence: 0.909024561428571

00:54:17.245 --> 00:54:19.705 are living longer and longer for

NOTE Confidence: 0.909024561428571

00:54:19.705 --> 00:54:22.034 something that previously was really a

NOTE Confidence: 0.909024561428571

00:54:22.034 --> 00:54:24.794 terminal sentence of a year or less.

NOTE Confidence: 0.909024561428571

00:54:24.794 --> 00:54:26.150 People, not everybody,

NOTE Confidence: 0.909024561428571

00:54:26.150 --> 00:54:28.630 but there are many people who are doing

NOTE Confidence: 0.909024561428571

00:54:28.630 --> 00:54:31.510 much better and living longer life.

NOTE Confidence: 0.909024561428571

00:54:31.510 --> 00:54:33.028 So we're really excited about that.

NOTE Confidence: 0.909024561428571

00:54:33.030 --> 00:54:34.734 So thank you very much everybody

NOTE Confidence: 0.909024561428571

00:54:34.734 --> 00:54:36.610 and have a good, have a great night.

NOTE Confidence: 0.909024561428571

00:54:37.370 --> 00:54:39.000 Thank you.