WEBVTT

NOTE duration: "00:58:09.5900000"

NOTE recognizability:0.930

NOTE language:en-us

NOTE Confidence: 0.918431141666667

 $00{:}00{:}00{:}00{.}000$ --> $00{:}00{:}01{.}600$ Fantastic. Let's get started.

NOTE Confidence: 0.918431141666667

 $00:00:01.600 \longrightarrow 00:00:04.799$ I we have the pleasure of having Dr.

NOTE Confidence: 0.918431141666667

 $00:00:04.800 \longrightarrow 00:00:09.175$ Kevin Billingsley, our Milo CMO today to

NOTE Confidence: 0.918431141666667

 $00:00:09.175 \longrightarrow 00:00:13.520$ to start us off and welcome everyone. You

NOTE Confidence: 0.913695446666667

 $00:00:13.520 \longrightarrow 00:00:16.720$ know, I I am thrilled to be here

NOTE Confidence: 0.913695446666667

 $00:00:16.720 \longrightarrow 00:00:20.467$ and I want to thank the audience.

NOTE Confidence: 0.913695446666667

 $00:00:20.470 \dashrightarrow 00:00:22.346$ For not just participating in this event,

NOTE Confidence: 0.913695446666667

 $00{:}00{:}22.350 \longrightarrow 00{:}00{:}25.038$ but for the participation over the

NOTE Confidence: 0.913695446666667

 $00:00:25.038 \longrightarrow 00:00:28.280$ months in this series of Smilow shares,

NOTE Confidence: 0.913695446666667

 $00:00:28.280 \longrightarrow 00:00:31.305$ the partnership and collaboration between

NOTE Confidence: 0.913695446666667

 $00{:}00{:}31.305 \dashrightarrow 00{:}00{:}34.092$ clinical on cologists and primary care

NOTE Confidence: 0.913695446666667

00:00:34.092 --> 00:00:37.228 physicians is not only fun and rewarding,

NOTE Confidence: 0.913695446666667

 $00:00:37.230 \longrightarrow 00:00:39.444$ it's the best possible thing for

 $00:00:39.444 \longrightarrow 00:00:41.630$ all of our patients together.

NOTE Confidence: 0.913695446666667

 $00{:}00{:}41.630 \dashrightarrow 00{:}00{:}44.290$ So I have to say I'm incredibly

NOTE Confidence: 0.913695446666667

00:00:44.290 --> 00:00:46.990 excited about the topic this evening.

NOTE Confidence: 0.9010504425

 $00:00:48.770 \longrightarrow 00:00:49.370$ You know the the

NOTE Confidence: 0.944772137

 $00:00:49.370 \longrightarrow 00:00:51.575$ statistics in 2022 are that

NOTE Confidence: 0.944772137

 $00:00:51.575 \longrightarrow 00:00:53.780$ there are currently over 18

NOTE Confidence: 0.944772137

 $00:00:53.869 \longrightarrow 00:00:55.861$ million cancer survivors out

NOTE Confidence: 0.944772137

00:00:55.861 --> 00:00:58.849 there in the United States today.

NOTE Confidence: 0.944772137

 $00:00:58.850 \longrightarrow 00:01:01.886$ You know I think it is,

NOTE Confidence: 0.944772137

00:01:01.890 --> 00:01:03.222 it's extraordinarily gratifying.

NOTE Confidence: 0.944772137

 $00{:}01{:}03.222 \dashrightarrow 00{:}01{:}06.330$ I think it's a testament to the

NOTE Confidence: 0.944772137

 $00{:}01{:}06.402 \dashrightarrow 00{:}01{:}08.587$ development and our our abilities

NOTE Confidence: 0.944772137

 $00{:}01{:}08.587 \dashrightarrow 00{:}01{:}11.250$ to treat patients and sustain them

NOTE Confidence: 0.944772137

00:01:11.250 --> 00:01:13.686 through the course of their illness,

NOTE Confidence: 0.944772137

 $00:01:13.690 \longrightarrow 00:01:16.818$ but it is also.

NOTE Confidence: 0.944772137

 $00:01:16.820 \longrightarrow 00:01:18.770$ A testament to our medical

 $00:01:18.770 \longrightarrow 00:01:19.940$ community in general,

NOTE Confidence: 0.944772137

 $00{:}01{:}19.940 \dashrightarrow 00{:}01{:}22.276$ particularly our primary care

NOTE Confidence: 0.944772137

00:01:22.276 --> 00:01:24.920 physicians who support patients and

NOTE Confidence: 0.944772137

00:01:24.920 --> 00:01:27.468 families through the continuum of

NOTE Confidence: 0.944772137

00:01:27.468 --> 00:01:29.420 healthcare throughout their lifetime,

NOTE Confidence: 0.944772137

 $00{:}01{:}29.420 \to 00{:}01{:}31.720$ including supporting them through

NOTE Confidence: 0.944772137

00:01:31.720 --> 00:01:34.020 significant illness like cancer,

NOTE Confidence: 0.944772137

 $00:01:34.020 \longrightarrow 00:01:35.845$ heart disease and other other

NOTE Confidence: 0.944772137

 $00:01:35.845 \longrightarrow 00:01:37.670$ chronic diseases that they manage

NOTE Confidence: 0.944772137

 $00:01:37.732 \longrightarrow 00:01:39.817$ them in partnership with specialists

NOTE Confidence: 0.933065448571429

 $00:01:42.140 \longrightarrow 00:01:44.990$ so. I think we have a

NOTE Confidence: 0.933065448571429

 $00:01:44.990 \longrightarrow 00:01:46.502$ fabulous panel this evening.

NOTE Confidence: 0.933065448571429

 $00{:}01{:}46.502 \dashrightarrow 00{:}01{:}49.470$ I'm just going to say I'm incredibly excited.

NOTE Confidence: 0.933065448571429

 $00{:}01{:}49.470 \dashrightarrow 00{:}01{:}52.269$ I think it's going to be a great discussion.

NOTE Confidence: 0.933065448571429

00:01:52.270 --> 00:01:55.574 And I want to also take a minute

 $00:01:55.574 \longrightarrow 00:01:57.940$ to recognize and thank our

NOTE Confidence: 0.933065448571429

 $00:01:57.940 \longrightarrow 00:02:00.350$ fearless Co leaders in this.

NOTE Confidence: 0.933065448571429

 $00:02:00.350 \longrightarrow 00:02:01.409$ In this program.

NOTE Confidence: 0.933065448571429

 $00:02:01.409 \longrightarrow 00:02:03.527$ Doctor Ann Chang who's the Associate

NOTE Confidence: 0.933065448571429

 $00{:}02{:}03.527 \dashrightarrow 00{:}02{:}05.537$ Cancer Center Director here at the

NOTE Confidence: 0.933065448571429

 $00:02:05.537 \longrightarrow 00:02:07.584$ Yale Cancer Center and our Director

NOTE Confidence: 0.933065448571429

 $00:02:07.584 \longrightarrow 00:02:09.549$ of Clinical Initiatives and Dr.

NOTE Confidence: 0.933065448571429

 $00:02:09.550 \longrightarrow 00:02:11.482$ Karen Brown who's the Medical Director

NOTE Confidence: 0.933065448571429

00:02:11.482 --> 00:02:13.390 of Primary Care for Northeast.

NOTE Confidence: 0.933065448571429

00:02:13.390 --> 00:02:14.664 Medical Group,

NOTE Confidence: 0.933065448571429

 $00{:}02{:}14.664 \dashrightarrow 00{:}02{:}18.486$ thank you both for really leading

NOTE Confidence: 0.933065448571429

 $00:02:18.486 \longrightarrow 00:02:21.465$ this effort and driving this level

NOTE Confidence: 0.933065448571429

 $00:02:21.465 \longrightarrow 00:02:23.165$ of communication and engagement

NOTE Confidence: 0.933065448571429

 $00:02:23.165 \longrightarrow 00:02:25.173$ between the primary care docs

NOTE Confidence: 0.933065448571429

 $00:02:25.173 \longrightarrow 00:02:26.509$ and our our oncologist.

NOTE Confidence: 0.933065448571429

 $00{:}02{:}26.510 \dashrightarrow 00{:}02{:}29.100$ So terrific and I know you guys

 $00{:}02{:}29.100 \dashrightarrow 00{:}02{:}31.030$ will introduce our panelists.

NOTE Confidence: 0.933065448571429

00:02:31.030 --> 00:02:32.584 So over to you Ann and Karen.

NOTE Confidence: 0.943608066666667

00:02:34.390 --> 00:02:35.830 Thank you Kevin,

NOTE Confidence: 0.9201268

 $00:02:37.990 \longrightarrow 00:02:42.894$ we. This is our last program for the

NOTE Confidence: 0.9201268

 $00{:}02{:}42.894 \longrightarrow 00{:}02{:}45.633$ year that Karen and I am working on

NOTE Confidence: 0.9201268

 $00:02:45.633 \longrightarrow 00:02:47.810$ and this really came out of discussions

NOTE Confidence: 0.9201268

 $00:02:47.810 \longrightarrow 00:02:50.530$ that we had where we felt that there

NOTE Confidence: 0.9201268

 $00{:}02{:}50.530 \dashrightarrow 00{:}02{:}53.144$ could be a better relationship and

NOTE Confidence: 0.9201268

 $00:02:53.144 \longrightarrow 00:02:54.932$ better communication about cancer.

NOTE Confidence: 0.9201268

00:02:54.932 --> 00:02:57.187 And updates, but really from

NOTE Confidence: 0.9201268

 $00{:}02{:}57.187 \dashrightarrow 00{:}02{:}59.540$ the primary care perspective.

NOTE Confidence: 0.9201268

00:02:59.540 --> 00:03:02.444 So I see some of you have been

NOTE Confidence: 0.9201268

 $00{:}03{:}02.444 \dashrightarrow 00{:}03{:}04.955$ regulars and we really appreciate

NOTE Confidence: 0.9201268

 $00{:}03{:}04.955 \dashrightarrow 00{:}03{:}07.775$ you coming and appreciate your

NOTE Confidence: 0.9201268

00:03:07.775 --> 00:03:10.380 feedback on this since we, you know,

 $00:03:10.380 \longrightarrow 00:03:11.940$ we're we're talking about what

NOTE Confidence: 0.845713691428572

 $00{:}03{:}16.620 \dashrightarrow 00{:}03{:}18.699$ And I your audio just got quiet.

NOTE Confidence: 0.926835838333333

 $00:03:22.100 \longrightarrow 00:03:23.780$ OK Can you hear me OK?

NOTE Confidence: 0.926835838333333

 $00:03:23.780 \longrightarrow 00:03:26.920$ Yeah, OK. Sorry about that.

NOTE Confidence: 0.926835838333333

 $00:03:26.920 \longrightarrow 00:03:30.070$ So we're going to have three

NOTE Confidence: 0.926835838333333

 $00:03:30.070 \longrightarrow 00:03:32.188$ cases to night and then we will

NOTE Confidence: 0.926835838333333

 $00:03:32.188 \longrightarrow 00:03:34.324$ have time about 10 or 15 minutes

NOTE Confidence: 0.926835838333333

 $00:03:34.324 \longrightarrow 00:03:36.200$ hopefully for for questions.

NOTE Confidence: 0.926835838333333

 $00:03:36.200 \longrightarrow 00:03:38.272$ And I know that you all have really

NOTE Confidence: 0.926835838333333

 $00:03:38.272 \longrightarrow 00:03:39.939$ great questions and I think that

NOTE Confidence: 0.926835838333333

 $00{:}03{:}39.939 \dashrightarrow 00{:}03{:}41.309$ the presentation of the cases

NOTE Confidence: 0.926835838333333

 $00:03:41.309 \longrightarrow 00:03:42.809$ tonight will really prompt that

NOTE Confidence: 0.926835838333333

 $00:03:42.809 \longrightarrow 00:03:44.274$ we'll have questions for Dr.

NOTE Confidence: 0.926835838333333

 $00:03:44.280 \longrightarrow 00:03:46.653$ stamped around survivorship

NOTE Confidence: 0.926835838333333

 $00:03:46.653 \longrightarrow 00:03:49.817$ after the first case.

NOTE Confidence: 0.926835838333333

 $00:03:49.820 \longrightarrow 00:03:51.297$ And then the rest of the question.

 $00:03:51.300 \longrightarrow 00:03:53.070$ So please have a few questions

NOTE Confidence: 0.926835838333333

 $00:03:53.070 \longrightarrow 00:03:55.202$ ready and then we'll have time for

NOTE Confidence: 0.926835838333333

 $00{:}03{:}55.202 \dashrightarrow 00{:}03{:}56.978$ the rest of the questions later.

NOTE Confidence: 0.926835838333333

 $00:03:56.980 \longrightarrow 00:03:58.820$ And then without further ado,

NOTE Confidence: 0.926835838333333

 $00:03:58.820 \longrightarrow 00:04:00.952$ I will introduced Dr.

NOTE Confidence: 0.92683583833333300:04:00.952 --> 00:04:02.018 Tara Sam,

NOTE Confidence: 0.926835838333333

 $00:04:02.020 \longrightarrow 00:04:04.312$ who's an Associate Professor

NOTE Confidence: 0.926835838333333

 $00{:}04{:}04{:}04{:}312 \dashrightarrow 00{:}04{:}07.468$ of Medicine and she's our Chief

NOTE Confidence: 0.926835838333333

00:04:07.468 --> 00:04:09.476 Patient Experience Officer and

NOTE Confidence: 0.926835838333333

 $00{:}04{:}09.476 \dashrightarrow 00{:}04{:}11.580$ Smilo and the Medical Director

NOTE Confidence: 0.926835838333333

00:04:11.580 --> 00:04:13.180 of the Survivorship Clinic.

NOTE Confidence: 0.926835838333333

 $00:04:13.180 \longrightarrow 00:04:15.265$ She is doctor Stamp earned

NOTE Confidence: 0.926835838333333

00:04:15.265 --> 00:04:17.350 her medical degree from the

NOTE Confidence: 0.926835838333333

 $00{:}04{:}17.436 \dashrightarrow 00{:}04{:}19.680$ Medical College of Wisconsin.

NOTE Confidence: 0.926835838333333

 $00:04:19.680 \longrightarrow 00:04:21.460$ She completed her residency

 $00:04:21.460 \longrightarrow 00:04:23.240$ and fellowship at Northwestern.

NOTE Confidence: 0.926835838333333

 $00{:}04{:}23.240 \dashrightarrow 00{:}04{:}26.208$ She is board certified in both medical

NOTE Confidence: 0.926835838333333

00:04:26.208 --> 00:04:29.279 oncology and Hospice and palliative medicine,

NOTE Confidence: 0.926835838333333

 $00:04:29.280 \longrightarrow 00:04:32.088$ which she feels helps to her to treat the

NOTE Confidence: 0.926835838333333

 $00:04:32.088 \longrightarrow 00:04:34.596$ whole person and not just the disease.

NOTE Confidence: 0.926835838333333

 $00:04:34.600 \longrightarrow 00:04:36.280$ And as a breast oncologist,

NOTE Confidence: 0.926835838333333

 $00:04:36.280 \longrightarrow 00:04:38.908$ she is a very busy practice and

NOTE Confidence: 0.926835838333333

 $00:04:38.908 \longrightarrow 00:04:41.716$ enjoys taking care of women with

NOTE Confidence: 0.926835838333333

00:04:41.716 --> 00:04:43.967 newly diagnosed breast cancer and

NOTE Confidence: 0.926835838333333

 $00:04:43.967 \longrightarrow 00:04:45.976$ in her role as the chief patient.

NOTE Confidence: 0.926835838333333

 $00{:}04{:}45.980 \dashrightarrow 00{:}04{:}47.560$ Experienced officer She focuses

NOTE Confidence: 0.926835838333333

 $00:04:47.560 \longrightarrow 00:04:49.535$ on how to improve care,

NOTE Confidence: 0.964154175

 $00:04:51.620 \longrightarrow 00:04:54.100$ especially where the provider

NOTE Confidence: 0.964154175

 $00:04:54.100 \longrightarrow 00:04:56.580$ and patient experience overlap.

NOTE Confidence: 0.964154175

 $00:04:56.580 \longrightarrow 00:04:58.524$ She is the director of our

NOTE Confidence: 0.964154175

00:04:58.524 --> 00:04:59.496 Smiler Survivorship Clinic,

 $00:04:59.500 \longrightarrow 00:05:01.670$ one of the nation's only

NOTE Confidence: 0.964154175

00:05:01.670 --> 00:05:02.538 multidisciplinary clinics,

NOTE Confidence: 0.964154175

 $00:05:02.540 \longrightarrow 00:05:04.799$ especially in specializing

NOTE Confidence: 0.964154175

00:05:04.799 --> 00:05:07.058 in cancer survivorship.

NOTE Confidence: 0.964154175

 $00:05:07.060 \longrightarrow 00:05:08.900$ And she learns from patients

NOTE Confidence: 0.964154175

 $00:05:08.900 \longrightarrow 00:05:10.740$ about key issues after treatment,

NOTE Confidence: 0.964154175

 $00:05:10.740 \longrightarrow 00:05:13.106$ which also informs her role as chair

NOTE Confidence: 0.964154175

 $00:05:13.106 \longrightarrow 00:05:15.549$ of the National Comprehensive Cancer.

NOTE Confidence: 0.964154175

 $00{:}05{:}15.550 \dashrightarrow 00{:}05{:}17.179$ Network survivorship guidelines

NOTE Confidence: 0.964154175

 $00{:}05{:}17.179 \dashrightarrow 00{:}05{:}19.894$ and finally her research interests

NOTE Confidence: 0.964154175

 $00:05:19.894 \longrightarrow 00:05:22.439$ focus on healthy lifestyles and

NOTE Confidence: 0.964154175

00:05:22.439 --> 00:05:24.744 quality of life after cancer

NOTE Confidence: 0.94427896

 $00{:}05{:}27.710 \dashrightarrow 00{:}05{:}29.870$ and we welcome her to night.

NOTE Confidence: 0.94427896

 $00{:}05{:}29.870 \dashrightarrow 00{:}05{:}33.155$ Doctor Lesburg is an Associate

NOTE Confidence: 0.94427896

 $00:05:33.155 \longrightarrow 00:05:36.798$ Professor of Medical Oncology and

00:05:36.798 --> 00:05:40.610 the Director and Chief of the

NOTE Confidence: 0.94427896

 $00{:}05{:}40.610 \dashrightarrow 00{:}05{:}42.870$ Breast Medical Oncology Division.

NOTE Confidence: 0.94427896

 $00{:}05{:}42.870 \dashrightarrow 00{:}05{:}46.264$ She. Received her medical degree

NOTE Confidence: 0.94427896

00:05:46.264 --> 00:05:48.219 from the University of Maryland,

NOTE Confidence: 0.94427896

 $00:05:48.220 \longrightarrow 00:05:50.104$ where she completed her residency and

NOTE Confidence: 0.94427896

 $00:05:50.104 \longrightarrow 00:05:52.659$ she went on to complete a fellowship

NOTE Confidence: 0.94427896

 $00{:}05{:}52.659 \dashrightarrow 00{:}05{:}55.124$ in Medical Oncology and Breast Medical

NOTE Confidence: 0.94427896

00:05:55.124 --> 00:05:57.572 Oncology at the Ohio State University

NOTE Confidence: 0.94427896

00:05:57.572 --> 00:06:00.264 before joining the faculty there in 2010.

NOTE Confidence: 0.94427896

 $00{:}06{:}00.264 \dashrightarrow 00{:}06{:}03.092$ And she also earned the master's in

NOTE Confidence: 0.94427896

 $00{:}06{:}03.092 \dashrightarrow 00{:}06{:}05.720$ Public health Public health from the

NOTE Confidence: 0.94427896

 $00:06:05.720 \longrightarrow 00:06:11.040$ Ohio State University in 2013. Her.

NOTE Confidence: 0.94427896

 $00:06:11.040 \longrightarrow 00:06:14.600$ Her he's been recognized for her

NOTE Confidence: 0.94427896

00:06:14.600 --> 00:06:17.060 patient focused care with awards,

NOTE Confidence: 0.94427896

 $00:06:17.060 \longrightarrow 00:06:22.230$ multiple awards and including being

NOTE Confidence: 0.94427896

 $00{:}06{:}22.230 \dashrightarrow 00{:}06{:}24.840$ rated by Forbes is one of the top breast

 $00:06:24.911 \longrightarrow 00:06:27.056$ medical oncologists in the nation.

NOTE Confidence: 0.94427896

 $00{:}06{:}27.060 \dashrightarrow 00{:}06{:}29.598$ She has an emphasis on improving

NOTE Confidence: 0.94427896

00:06:29.598 --> 00:06:31.290 longterm outcomes for patients

NOTE Confidence: 0.94427896

 $00:06:31.363 \longrightarrow 00:06:32.907$ with breast cancer who.

NOTE Confidence: 0.94427896

 $00:06:32.910 \longrightarrow 00:06:35.265$ Develop side effects associated with

NOTE Confidence: 0.94427896

 $00:06:35.265 \longrightarrow 00:06:38.104$ treatments and is doing novel and

NOTE Confidence: 0.94427896

00:06:38.104 --> 00:06:40.489 really exciting research on novel

NOTE Confidence: 0.94427896

00:06:40.489 --> 00:06:43.014 blood based biomarkers to identify

NOTE Confidence: 0.94427896

 $00:06:43.014 \longrightarrow 00:06:45.544$ recurrence and toxicity of treatment.

NOTE Confidence: 0.94427896

 $00:06:45.550 \longrightarrow 00:06:47.275$ Earlier she worked,

NOTE Confidence: 0.94427896

00:06:47.275 --> 00:06:50.638 she's an NCI funded investigator active

NOTE Confidence: 0.94427896

 $00:06:50.638 \longrightarrow 00:06:53.078$ in cancer cooperative group research

NOTE Confidence: 0.94427896

 $00{:}06{:}53.078 \dashrightarrow 00{:}06{:}55.533$ and she collaborates widely with

NOTE Confidence: 0.94427896

 $00:06:55.533 \longrightarrow 00:06:58.092$ researchers from around the world and

NOTE Confidence: 0.94427896

 $00:06:58.092 \longrightarrow 00:07:00.384$ she really thrives in creating innovative.

00:07:00.390 --> 00:07:02.670 Multidisciplinary scientific teams,

NOTE Confidence: 0.939135563333333

 $00{:}07{:}05.070 \dashrightarrow 00{:}07{:}07.278$ I'm going to turn that over

NOTE Confidence: 0.939135563333333

00:07:07.278 --> 00:07:09.770 to Doctor Brown to introduce

NOTE Confidence: 0.939135563333333

00:07:09.770 --> 00:07:11.950 Doctor Williams. Good, thanks.

NOTE Confidence: 0.900602830909091

 $00:07:12.430 \longrightarrow 00:07:15.398$ And and I'll just echo my welcome

NOTE Confidence: 0.900602830909091

 $00:07:15.398 \longrightarrow 00:07:18.670$ to everybody as well and to stress

NOTE Confidence: 0.900602830909091

 $00:07:18.670 \longrightarrow 00:07:21.806$ how important all of this is.

NOTE Confidence: 0.900602830909091

00:07:21.806 --> 00:07:24.426 Our relationship in primary care,

NOTE Confidence: 0.900602830909091

 $00{:}07{:}24.430 \dashrightarrow 00{:}07{:}27.636$ new cancer is kind of an emergency.

NOTE Confidence: 0.900602830909091

00:07:27.640 --> 00:07:29.705 And and knowing that our Smile O

NOTE Confidence: 0.900602830909091

 $00{:}07{:}29.705 \dashrightarrow 00{:}07{:}32.072$ team kind of has our backs and is

NOTE Confidence: 0.900602830909091

 $00:07:32.072 \longrightarrow 00:07:34.418$ able to help with that transition is

NOTE Confidence: 0.900602830909091

 $00:07:34.418 \longrightarrow 00:07:36.740$ is really important and we continue

NOTE Confidence: 0.900602830909091

 $00:07:36.740 \longrightarrow 00:07:39.120$ to work at doing that even better.

NOTE Confidence: 0.900602830909091

00:07:39.120 --> 00:07:41.073 And even though this talk is about

NOTE Confidence: 0.900602830909091

00:07:41.073 --> 00:07:43.423 kind of the other end where we're

 $00:07:43.423 \longrightarrow 00:07:45.601$ passing patients back to primary care.

NOTE Confidence: 0.900602830909091

 $00:07:45.610 \longrightarrow 00:07:48.214$ So it is my pleasure to introduce

NOTE Confidence: 0.900602830909091

 $00:07:48.214 \longrightarrow 00:07:49.330$ Doctor Brian Williams,

NOTE Confidence: 0.900602830909091

 $00:07:49.330 \longrightarrow 00:07:51.690$ a close colleague and friend.

NOTE Confidence: 0.900602830909091

 $00:07:51.690 \longrightarrow 00:07:53.928$ He is the Medical Director of

NOTE Confidence: 0.900602830909091

 $00:07:53.928 \longrightarrow 00:07:55.420$ Clinical Informatics within the

NOTE Confidence: 0.900602830909091

00:07:55.481 --> 00:07:57.935 Northeast Medical Group and one of

NOTE Confidence: 0.900602830909091

 $00{:}07{:}57.935 \dashrightarrow 00{:}07{:}59.571$ the medical information officers

NOTE Confidence: 0.900602830909091

 $00:07:59.639 \longrightarrow 00:08:01.753$ offer EPIC in the system.

NOTE Confidence: 0.900602830909091

 $00:08:01.753 \longrightarrow 00:08:04.258$ His passion is streamlining clinical

NOTE Confidence: 0.900602830909091

 $00:08:04.258 \longrightarrow 00:08:06.959$ care to support both employee

NOTE Confidence: 0.900602830909091

 $00{:}08{:}06.959 \dashrightarrow 00{:}08{:}10.169$ and clinician Wellness as well as

NOTE Confidence: 0.900602830909091

 $00:08:10.169 \longrightarrow 00:08:13.009$ patient experience and efficiency.

NOTE Confidence: 0.900602830909091

 $00:08:13.010 \longrightarrow 00:08:16.867$ He is an active primary care clinician

NOTE Confidence: 0.900602830909091

00:08:16.867 --> 00:08:19.934 in Mystic and where he serves

 $00:08:19.934 \longrightarrow 00:08:22.970$ with his wife in the same office.

NOTE Confidence: 0.900602830909091

 $00{:}08{:}22.970 \longrightarrow 00{:}08{:}25.825$ He's fortunate to serve as a medical

NOTE Confidence: 0.900602830909091

 $00:08:25.825 \longrightarrow 00:08:28.411$ director on in the beginning of

NOTE Confidence: 0.900602830909091

00:08:28.411 --> 00:08:31.329 his career at the How Come while?

NOTE Confidence: 0.900602830909091 00:08:31.330 --> 00:08:32.226 Oh no, NOTE Confidence: 0.900602830909091

 $00:08:32.226 \longrightarrow 00:08:35.362$ it's a Health Center in Hawaii from

NOTE Confidence: 0.900602830909091

 $00:08:35.370 \longrightarrow 00:08:38.202$ 2005 till 2010 and that was where he

NOTE Confidence: 0.900602830909091

 $00:08:38.202 \longrightarrow 00:08:41.020$ learned from a visionary leadership team.

NOTE Confidence: 0.900602830909091

 $00:08:41.020 \longrightarrow 00:08:43.370$ On where integrating the electronic

NOTE Confidence: 0.900602830909091

 $00:08:43.370 \longrightarrow 00:08:45.250$ medical record and clinical

NOTE Confidence: 0.900602830909091

 $00{:}08{:}45.250 \dashrightarrow 00{:}08{:}47.438$ quality programs had such potential

NOTE Confidence: 0.900602830909091

 $00:08:47.438 \longrightarrow 00:08:49.498$ to make patient care better.

NOTE Confidence: 0.900602830909091

 $00:08:49.500 \longrightarrow 00:08:51.860$ He subsequently came here East

NOTE Confidence: 0.900602830909091

 $00:08:51.860 \longrightarrow 00:08:54.700$ and was the Medical Director of

NOTE Confidence: 0.900602830909091

 $00:08:54.700 \longrightarrow 00:08:56.718$ Informatics at the LNM Medical

NOTE Confidence: 0.900602830909091

 $00:08:56.718 \longrightarrow 00:08:59.226$ Group through through 2016 when that

 $00:08:59.226 \longrightarrow 00:09:01.284$ group merged with Northeast Medical

NOTE Confidence: 0.900602830909091

 $00:09:01.284 \dashrightarrow 00:09:04.196$ Group and he then became part of our

NOTE Confidence: 0.900602830909091

 $00:09:04.271 \longrightarrow 00:09:06.499$ informatics and clinical program.

NOTE Confidence: 0.900602830909091

00:09:06.500 --> 00:09:08.120 He graduated from the University

NOTE Confidence: 0.900602830909091

 $00:09:08.120 \longrightarrow 00:09:09.740$ of Colorado Health Science Center

NOTE Confidence: 0.900602830909091

 $00:09:09.792 \longrightarrow 00:09:11.020$ and completed his family.

NOTE Confidence: 0.900602830909091

00:09:11.020 --> 00:09:12.748 And us since the University of

NOTE Confidence: 0.900602830909091

00:09:12.748 --> 00:09:16.698 Texan in Austin, in Austin, TX.

NOTE Confidence: 0.900602830909091

00:09:16.700 --> 00:09:18.820 And Brian will actually start

NOTE Confidence: 0.900602830909091

 $00{:}09{:}18.820 \dashrightarrow 00{:}09{:}20.940$ off the presentation with Case.

NOTE Confidence: 0.939414983333333

 $00{:}09{:}25.340 \dashrightarrow 00{:}09{:}26.900$ Thank you, Dr. Brown. I'm so

NOTE Confidence: 0.939414983333333

 $00:09:26.900 \longrightarrow 00:09:28.779$ sorry to throw you the curveball.

NOTE Confidence: 0.939414983333333

 $00{:}09{:}28.780 \dashrightarrow 00{:}09{:}30.900$ It's Hamakua Health Center.

NOTE Confidence: 0.94629164

 $00:09:31.700 \longrightarrow 00:09:33.100$ Thank you for the correction.

NOTE Confidence: 0.917606243333333

 $00:09:33.660 \longrightarrow 00:09:34.592$ Absolutely. Yeah.

00:09:34.592 --> 00:09:37.672 That's a tough one, but a beautiful place.

NOTE Confidence: 0.917606243333333

 $00{:}09{:}37.672 \dashrightarrow 00{:}09{:}40.286$ And I'm really pleased to have been asked

NOTE Confidence: 0.917606243333333

 $00:09:40.286 \longrightarrow 00:09:42.476$ to participate in this particular topic.

NOTE Confidence: 0.917606243333333

00:09:42.480 --> 00:09:44.406 I think this you know survivorship

NOTE Confidence: 0.917606243333333

00:09:44.406 --> 00:09:46.101 sits squarely at the intersection

NOTE Confidence: 0.917606243333333

 $00:09:46.101 \longrightarrow 00:09:48.201$ of what our colleagues and oncology

NOTE Confidence: 0.917606243333333

 $00:09:48.201 \longrightarrow 00:09:50.600$ do and what we do in primary care.

NOTE Confidence: 0.917606243333333

 $00:09:50.600 \longrightarrow 00:09:53.280$ And I think this is, this is an area

NOTE Confidence: 0.917606243333333

 $00:09:53.280 \longrightarrow 00:09:56.772$ where more information is better.

NOTE Confidence: 0.917606243333333

00:09:56.772 --> 00:09:59.559 It's frequently I think a

NOTE Confidence: 0.917606243333333

 $00:09:59.559 \longrightarrow 00:10:02.037$ little bit vague in terms of.

NOTE Confidence: 0.917606243333333

 $00:10:02.040 \longrightarrow 00:10:02.892$ Concrete information that's

NOTE Confidence: 0.917606243333333

 $00{:}10{:}02.892 \dashrightarrow 00{:}10{:}04.880$ available for us to kind of guide

NOTE Confidence: 0.9176062433333333

 $00:10:04.929 \longrightarrow 00:10:06.279$ our decision making and care.

NOTE Confidence: 0.917606243333333

 $00:10:06.280 \longrightarrow 00:10:07.655$ So I'm really looking forward

NOTE Confidence: 0.917606243333333

 $00:10:07.655 \longrightarrow 00:10:08.480$ to this session.

00:10:08.480 --> 00:10:12.128 So we're going to kick it off with Case one,

NOTE Confidence: 0.917606243333333

 $00:10:12.128 \longrightarrow 00:10:16.280$ which is a 76 year old male that had

NOTE Confidence: 0.917606243333333

00:10:16.280 --> 00:10:19.986 a 60 pack year smoking history who

NOTE Confidence: 0.917606243333333

00:10:19.986 --> 00:10:22.408 presented in June of 2019 with complaints

NOTE Confidence: 0.917606243333333

00:10:22.408 --> 00:10:24.479 of increased difficulty swallowing.

NOTE Confidence: 0.917606243333333

00:10:24.480 --> 00:10:27.279 He was having a hard time getting food down.

NOTE Confidence: 0.917606243333333

 $00:10:27.280 \longrightarrow 00:10:28.892$ He was subsequently diagnosed

NOTE Confidence: 0.917606243333333

 $00{:}10{:}28.892 \dashrightarrow 00{:}10{:}30.907$ with a squamous cell carcinoma.

NOTE Confidence: 0.917606243333333

 $00:10:30.910 \longrightarrow 00:10:32.194$ That affected the base,

NOTE Confidence: 0.917606243333333

 $00:10:32.194 \longrightarrow 00:10:35.109$ the left side of the base of his tongue.

NOTE Confidence: 0.917606243333333

00:10:35.110 --> 00:10:37.310 So during July and August of that year,

NOTE Confidence: 0.917606243333333

 $00:10:37.310 \longrightarrow 00:10:40.010$ he received definitive conformal radiation

NOTE Confidence: 0.9176062433333333

 $00{:}10{:}40.010 \dashrightarrow 00{:}10{:}42.790$ therapy with concurrent weekly cisplatin.

NOTE Confidence: 0.917606243333333

 $00{:}10{:}42.790 \dashrightarrow 00{:}10{:}46.150$ He tried tolerated treatment quite well

NOTE Confidence: 0.917606243333333

 $00:10:46.150 \longrightarrow 00:10:47.865$ and had complete response to the tumor,

00:10:47.870 --> 00:10:48.248 fortunately,

NOTE Confidence: 0.917606243333333

 $00:10:48.248 \longrightarrow 00:10:50.894$ so since that time he's been followed

NOTE Confidence: 0.917606243333333

00:10:50.894 --> 00:10:53.298 every six months by his oncologist.

NOTE Confidence: 0.917606243333333

 $00:10:53.300 \longrightarrow 00:10:55.218$ And there's been no evidence of recurrence.

NOTE Confidence: 0.917606243333333

 $00:10:55.220 \longrightarrow 00:10:57.439$ But he missed his last followup appointment

NOTE Confidence: 0.917606243333333

00:10:57.439 --> 00:10:59.841 and in fact would rather not ever have

NOTE Confidence: 0.917606243333333

 $00:10:59.841 \longrightarrow 00:11:01.980$ to see a doctor again in his life.

NOTE Confidence: 0.917606243333333

 $00:11:01.980 \longrightarrow 00:11:03.430$ He has some residual longterm

NOTE Confidence: 0.9176062433333333

 $00:11:03.430 \longrightarrow 00:11:04.300$ effects of treatment,

NOTE Confidence: 0.917606243333333

00:11:04.300 --> 00:11:05.600 including dry mouth and

NOTE Confidence: 0.917606243333333

 $00{:}11{:}05.600 --{>} 00{:}11{:}06.575 \ \mathrm{chronic} \ \mathrm{neck} \ \mathrm{stiffness},$

NOTE Confidence: 0.917606243333333

 $00:11:06.580 \longrightarrow 00:11:09.046$ but overall doing well with no

NOTE Confidence: 0.917606243333333

 $00:11:09.046 \longrightarrow 00:11:11.699$ evidence of disease at the present.

NOTE Confidence: 0.917606243333333

 $00:11:11.700 \longrightarrow 00:11:12.660$ Go on to the next slide.

NOTE Confidence: 0.917606243333333

00:11:12.660 --> 00:11:15.810 So he presents today for his annual

NOTE Confidence: 0.917606243333333

 $00{:}11{:}15.810 \dashrightarrow 00{:}11{:}18.420$ Wellness visit to his primary care.

 $00:11:18.420 \longrightarrow 00:11:20.240$ No ongoing concerns other than

NOTE Confidence: 0.917606243333333

 $00:11:20.240 \longrightarrow 00:11:23.002$ the usual aches and pains and the

NOTE Confidence: 0.917606243333333

 $00:11:23.002 \longrightarrow 00:11:24.738$ continued stable neck stiffness.

NOTE Confidence: 0.917606243333333

 $00:11:24.740 \longrightarrow 00:11:26.052$ He is stoic, though.

NOTE Confidence: 0.917606243333333

00:11:26.052 --> 00:11:29.058 This guy spends all of his time out on

NOTE Confidence: 0.917606243333333

00:11:29.058 --> 00:11:31.940 his fishing boat and in his garage working.

NOTE Confidence: 0.917606243333333

 $00:11:31.940 \longrightarrow 00:11:33.098$ He doesn't like doctors and he

NOTE Confidence: 0.917606243333333

00:11:33.098 --> 00:11:34.180 doesn't want to see anyone.

NOTE Confidence: 0.917606243333333

 $00:11:34.180 \longrightarrow 00:11:36.620$ He doesn't have to.

NOTE Confidence: 0.917606243333333

 $00:11:36.620 \longrightarrow 00:11:38.104$ So the questions associated

NOTE Confidence: 0.917606243333333

 $00:11:38.104 \longrightarrow 00:11:40.670$ with this case are first of all.

NOTE Confidence: 0.917606243333333

 $00:11:40.670 \longrightarrow 00:11:41.642$ What is survivorship?

NOTE Confidence: 0.9176062433333333

 $00{:}11{:}41.642 \dashrightarrow 00{:}11{:}43.910$ So I'm going to openly admit that

NOTE Confidence: 0.917606243333333

00:11:43.970 --> 00:11:45.664 this was a concept that was new

NOTE Confidence: 0.917606243333333

 $00:11:45.664 \longrightarrow 00:11:47.119$ to me approaching this webinar.

00:11:47.119 --> 00:11:49.755 And so I'm really glad that we're sharing

NOTE Confidence: 0.917606243333333

00:11:49.755 --> 00:11:51.315 about this because it's something

NOTE Confidence: 0.917606243333333

 $00:11:51.315 \longrightarrow 00:11:53.668$ that I found to be quite important.

NOTE Confidence: 0.917606243333333

00:11:53.670 --> 00:11:54.382 Second question,

NOTE Confidence: 0.917606243333333

 $00:11:54.382 \longrightarrow 00:11:56.874$ follow up is what kind of surveillance

NOTE Confidence: 0.917606243333333

 $00:11:56.874 \longrightarrow 00:11:58.722$ guidelines are there for high risk

NOTE Confidence: 0.917606243333333

 $00:11:58.722 \longrightarrow 00:12:00.870$ patients in general and maybe a little

NOTE Confidence: 0.917606243333333

 $00{:}12{:}00.870 \dashrightarrow 00{:}12{:}02.844$ bit of specifics about this particular

NOTE Confidence: 0.917606243333333

00:12:02.844 --> 00:12:06.000 patient since this is a high risk cancer?

NOTE Confidence: 0.917606243333333

00:12:06.000 --> 00:12:07.782 And then a final question we're

NOTE Confidence: 0.9176062433333333

 $00{:}12{:}07.782 \dashrightarrow 00{:}12{:}10.066$ going to answer is what is the

NOTE Confidence: 0.917606243333333

00:12:10.066 --> 00:12:11.786 Smile of Survivorship clinic in

NOTE Confidence: 0.917606243333333

 $00{:}12{:}11.786 \dashrightarrow 00{:}12{:}13.289$ which patients are appropriate

NOTE Confidence: 0.9176062433333333

00:12:13.289 --> 00:12:15.154 for referral to this clinic?

NOTE Confidence: 0.917606243333333

 $00:12:15.160 \longrightarrow 00:12:17.920$ With that I'll turn it over to Doctor Sam.

NOTE Confidence: 0.9402537125

 $00{:}12{:}19.520 \dashrightarrow 00{:}12{:}22.910$ Thanks Brian. Coming off of five

00:12:22.910 --> 00:12:25.510 days of conferencing in Chicago,

NOTE Confidence: 0.9402537125

 $00:12:25.510 \longrightarrow 00:12:27.960$ so forgive my hoarse voice.

NOTE Confidence: 0.9402537125

 $00:12:27.960 \longrightarrow 00:12:30.168$ Really pleased to be here with all of

NOTE Confidence: 0.9402537125

 $00:12:30.168 \longrightarrow 00:12:32.329$ you tonight and I see many familiar

NOTE Confidence: 0.9402537125

00:12:32.329 --> 00:12:33.879 names on the participants list,

NOTE Confidence: 0.9402537125

 $00:12:33.880 \longrightarrow 00:12:36.360$ so a shout out to my friends in the audience.

NOTE Confidence: 0.923042057142857

00:12:38.560 --> 00:12:41.836 But if we start with the definition,

NOTE Confidence: 0.923042057142857

 $00:12:41.840 \longrightarrow 00:12:44.378$ the NCI defines a cancer survivor

NOTE Confidence: 0.923042057142857

 $00{:}12{:}44.378 \dashrightarrow 00{:}12{:}47.251$ as anyone who's been diagnosed with

NOTE Confidence: 0.923042057142857

 $00:12:47.251 \longrightarrow 00:12:49.837$ cancer and it starts at the time of

NOTE Confidence: 0.923042057142857

00:12:49.837 --> 00:12:51.525 diagnosis and extends through the

NOTE Confidence: 0.923042057142857

 $00{:}12{:}51.525 \dashrightarrow 00{:}12{:}53.400$ balance of the individual's life.

NOTE Confidence: 0.951658717333334

 $00{:}12{:}55.840 {\:{\circ}{\circ}{\circ}}>00{:}12{:}58.420$ In that context, every patient

NOTE Confidence: 0.951658717333334

00:12:58.420 --> 00:13:01.000 who's ever been diagnosed with

NOTE Confidence: 0.951658717333334

 $00:13:01.090 \longrightarrow 00:13:03.800$ cancer is considered a survivor.

00:13:03.800 --> 00:13:05.800 And if you go to the next slide,

NOTE Confidence: 0.950316923333333

00:13:08.320 --> 00:13:11.200 there are three phases of survivorship,

NOTE Confidence: 0.950316923333333

00:13:11.200 --> 00:13:14.132 which I like to just briefly touch on.

NOTE Confidence: 0.950316923333333

00:13:14.132 --> 00:13:16.680 This was defined by a physician who

NOTE Confidence: 0.950316923333333

 $00{:}13{:}16.758 \dashrightarrow 00{:}13{:}19.117$ had cancer and then wrote this article

NOTE Confidence: 0.950316923333333

00:13:19.117 --> 00:13:21.851 in the New England Journal in 1985.

NOTE Confidence: 0.950316923333333

 $00:13:21.851 \longrightarrow 00:13:24.317$ And he characterized these three phases

NOTE Confidence: 0.950316923333333

00:13:24.317 --> 00:13:26.397 as acute, extended and permanent,

NOTE Confidence: 0.950316923333333

 $00{:}13{:}26.397 \dashrightarrow 00{:}13{:}29.780$ but I I renamed permanent to long term.

NOTE Confidence: 0.950316923333333

 $00:13:29.780 \longrightarrow 00:13:31.580$ The acute phase is really in

NOTE Confidence: 0.950316923333333

 $00{:}13{:}31.580 \dashrightarrow 00{:}13{:}32.780$ that first diagnostic period.

NOTE Confidence: 0.950316923333333

 $00:13:32.780 \longrightarrow 00:13:34.880$ Probably Karen, like when you said

NOTE Confidence: 0.950316923333333

 $00:13:34.880 \longrightarrow 00:13:37.280$ this isn't an emergency like that is

NOTE Confidence: 0.950316923333333

00:13:37.280 --> 00:13:39.700 when you're going over the waterfall,

NOTE Confidence: 0.950316923333333

00:13:39.700 --> 00:13:41.584 you've just been diagnosed,

NOTE Confidence: 0.950316923333333

 $00:13:41.584 \longrightarrow 00:13:44.283$ there's lots of tests and imaging

 $00:13:44.283 \longrightarrow 00:13:46.341$ and you see an oncologist and

NOTE Confidence: 0.950316923333333

 $00:13:46.341 \longrightarrow 00:13:48.039$ surgeons and radiation doctors and

NOTE Confidence: 0.950316923333333

 $00:13:48.039 \longrightarrow 00:13:49.857$ you're going to have a treatment

NOTE Confidence: 0.950316923333333

 $00:13:49.857 \longrightarrow 00:13:51.668$ plan and you're in treatment.

NOTE Confidence: 0.950316923333333

 $00:13:51.670 \longrightarrow 00:13:53.430$ And the whole cancer community.

NOTE Confidence: 0.950316923333333

 $00:13:53.430 \longrightarrow 00:13:55.621$ Most a lot of times your whole

NOTE Confidence: 0.950316923333333

00:13:55.621 --> 00:13:56.958 support community comes together

NOTE Confidence: 0.950316923333333

00:13:56.958 --> 00:13:58.950 to carry you through this time,

NOTE Confidence: 0.950316923333333

 $00:13:58.950 \longrightarrow 00:14:01.869$ if you click through the animations here,

NOTE Confidence: 0.950316923333333

 $00{:}14{:}01.870 \dashrightarrow 00{:}14{:}04.110$ the next period is the extended period

NOTE Confidence: 0.94780115

 $00{:}14{:}06.350 \dashrightarrow 00{:}14{:}08.624$ which should be highlighted and then

NOTE Confidence: 0.94780115

 $00{:}14{:}08.624 \dashrightarrow 00{:}14{:}10.990$ another Click to show the picture.

NOTE Confidence: 0.94780115

 $00{:}14{:}10.990 \dashrightarrow 00{:}14{:}11.870$ I love this picture.

NOTE Confidence: 0.94780115

00:14:11.870 --> 00:14:13.190 I don't know if it's real,

NOTE Confidence: 0.94780115

00:14:13.190 --> 00:14:16.016 but you know the extended period

 $00:14:16.016 \longrightarrow 00:14:18.390$ starts after treatment is over.

NOTE Confidence: 0.94780115

 $00:14:18.390 \longrightarrow 00:14:21.010$ So usually treatments about.

NOTE Confidence: 0.94780115

00:14:21.010 --> 00:14:24.364 Maybe six months if you get chemotherapy,

NOTE Confidence: 0.94780115

 $00:14:24.364 \longrightarrow 00:14:26.780$ maybe a little less if it's not,

NOTE Confidence: 0.94780115

00:14:26.780 --> 00:14:28.698 maybe you might be on some maintenance

NOTE Confidence: 0.94780115

00:14:28.698 --> 00:14:30.140 therapy for the whole year.

NOTE Confidence: 0.94780115

 $00:14:30.140 \longrightarrow 00:14:31.752$ But generally in that,

NOTE Confidence: 0.94780115

 $00:14:31.752 \longrightarrow 00:14:34.643$ in that after that six months of

NOTE Confidence: 0.94780115

 $00:14:34.643 \longrightarrow 00:14:37.036$ really heavy going over the waterfall

NOTE Confidence: 0.94780115

 $00:14:37.036 \longrightarrow 00:14:39.056$ though the waters are calmer,

NOTE Confidence: 0.94780115

00:14:39.060 --> 00:14:40.830 but you're pretty sure the patients

NOTE Confidence: 0.94780115

 $00{:}14{:}40.830 \dashrightarrow 00{:}14{:}42.324$ are pretty sure every something

NOTE Confidence: 0.94780115

 $00:14:42.324 \longrightarrow 00:14:44.071$ is going to get them every

NOTE Confidence: 0.94780115

 $00:14:44.071 \longrightarrow 00:14:46.777$ ache and pain is a recurrence.

NOTE Confidence: 0.94780115

 $00:14:46.780 \longrightarrow 00:14:48.590$ They might be dealing with

NOTE Confidence: 0.94780115

 $00:14:48.590 \longrightarrow 00:14:49.676$ their side effects.

 $00:14:49.680 \longrightarrow 00:14:51.904$ They might have a lot of post

NOTE Confidence: 0.94780115

 $00{:}14{:}51.904 \dashrightarrow 00{:}14{:}53.920$ traumatic stress type symptoms.

NOTE Confidence: 0.94780115

 $00:14:53.920 \longrightarrow 00:14:57.560$ So they feel like they're it's a

NOTE Confidence: 0.94780115

00:14:57.560 --> 00:14:59.600 high uncertainty and that's where our

NOTE Confidence: 0.94780115

 $00{:}14{:}59.600 \dashrightarrow 00{:}15{:}01.600$ clinic often comes in and I'm going to

NOTE Confidence: 0.94780115

 $00:15:01.600 \longrightarrow 00:15:03.400$ talk about that in in a few minutes.

NOTE Confidence: 0.94780115

 $00:15:03.400 \longrightarrow 00:15:06.520$ You click through the next animations.

NOTE Confidence: 0.94780115

 $00:15:06.520 \longrightarrow 00:15:08.480$ 2 more, one more click.

NOTE Confidence: 0.94780115

 $00:15:08.480 \longrightarrow 00:15:09.909$ So in long term survivorship.

NOTE Confidence: 0.94780115

 $00:15:09.909 \longrightarrow 00:15:12.243$ This is when the the waters

NOTE Confidence: 0.94780115

 $00:15:12.243 \longrightarrow 00:15:14.120$ are much more peaceful,

NOTE Confidence: 0.94780115

00:15:14.120 --> 00:15:16.196 the risk of recurrence goes down,

NOTE Confidence: 0.94780115

 $00{:}15{:}16.200 \dashrightarrow 00{:}15{:}18.643$ but the late and long term effects serve

NOTE Confidence: 0.94780115

 $00:15:18.643 \longrightarrow 00:15:21.596$ as a reminder of what you've been through.

NOTE Confidence: 0.94780115

 $00:15:21.600 \longrightarrow 00:15:24.260$ And so for each of these phases,

 $00:15:24.260 \longrightarrow 00:15:26.360$ survivors can have different needs.

NOTE Confidence: 0.94780115

 $00{:}15{:}26.360 \to 00{:}15{:}27.400$ And I I think that's,

NOTE Confidence: 0.94780115

 $00:15:27.400 \longrightarrow 00:15:27.948$ you know,

NOTE Confidence: 0.94780115

 $00:15:27.948 \longrightarrow 00:15:30.140$ one of the reasons why can be so

NOTE Confidence: 0.94780115

00:15:30.213 --> 00:15:32.289 hard to wrap our minds around

NOTE Confidence: 0.94780115

 $00{:}15{:}32.289 \dashrightarrow 00{:}15{:}34.549$ survivorship as a field because it

NOTE Confidence: 0.94780115

 $00:15:34.549 \longrightarrow 00:15:36.554$ really encompasses so much time.

NOTE Confidence: 0.94780115

00:15:36.560 --> 00:15:37.280 Next slide, please.

NOTE Confidence: 0.952553233333333

 $00:15:39.740 \longrightarrow 00:15:44.006$ There are certain themes that tie

NOTE Confidence: 0.952553233333333

 $00:15:44.006 \longrightarrow 00:15:46.542$ every single survivor together.

NOTE Confidence: 0.952553233333333

 $00:15:46.542 \longrightarrow 00:15:49.356$ So there's we can unify each unique

NOTE Confidence: 0.952553233333333

 $00{:}15{:}49.356 \dashrightarrow 00{:}15{:}51.807$ person and they have a common set

NOTE Confidence: 0.952553233333333

 $00:15:51.807 \longrightarrow 00:15:54.179$ of of needs that need to be met.

NOTE Confidence: 0.9525532333333333

00:15:54.180 --> 00:15:56.012 And this is simplification,

NOTE Confidence: 0.952553233333333

 $00:15:56.012 \longrightarrow 00:15:59.561$ but but we all agree that every

NOTE Confidence: 0.952553233333333

 $00{:}15{:}59.561 \dashrightarrow 00{:}16{:}02.361$ survivor needs surveillance for

 $00{:}16{:}02.361 \dashrightarrow 00{:}16{:}06.327$ both recurrence and a new cancer.

NOTE Confidence: 0.952553233333333

00:16:06.330 --> 00:16:08.169 And in general,

NOTE Confidence: 0.952553233333333

00:16:08.170 --> 00:16:11.208 at least in that first extended period,

NOTE Confidence: 0.952553233333333

 $00:16:11.210 \longrightarrow 00:16:13.502$ the oncologists want to be doing

NOTE Confidence: 0.952553233333333

 $00:16:13.502 \longrightarrow 00:16:15.841$ that kind of surveillance and and

NOTE Confidence: 0.952553233333333

00:16:15.841 --> 00:16:17.686 patients want their oncologists to

NOTE Confidence: 0.952553233333333

 $00:16:17.686 \longrightarrow 00:16:20.250$ be doing that kind of surveillance.

NOTE Confidence: 0.952553233333333

 $00:16:20.250 \longrightarrow 00:16:21.850$ As time goes on,

NOTE Confidence: 0.952553233333333

00:16:21.850 --> 00:16:25.609 that surveillance might get less frequent,

NOTE Confidence: 0.952553233333333

00:16:25.610 --> 00:16:27.986 less necessary and the needs of

NOTE Confidence: 0.9525532333333333

 $00:16:27.986 \longrightarrow 00:16:29.570$ those survivors might change.

NOTE Confidence: 0.952553233333333

 $00:16:29.570 \longrightarrow 00:16:32.279$ And who who needs to do that?

NOTE Confidence: 0.9525532333333333

 $00{:}16{:}32.280 \to 00{:}16{:}34.275$ And then every survivor needs

NOTE Confidence: 0.9525532333333333

 $00:16:34.275 \longrightarrow 00:16:35.472$ identification and treatment

NOTE Confidence: 0.952553233333333

 $00:16:35.472 \longrightarrow 00:16:37.599$ of late and longterm effects.

 $00:16:37.600 \longrightarrow 00:16:39.250$ And we can talk about incidence

NOTE Confidence: 0.952553233333333

 $00:16:39.250 \longrightarrow 00:16:41.125$ of all of that and different

NOTE Confidence: 0.952553233333333

00:16:41.125 --> 00:16:42.915 risks that would cause that,

NOTE Confidence: 0.952553233333333

 $00:16:42.920 \longrightarrow 00:16:46.496$ but we are all charged with

NOTE Confidence: 0.952553233333333

 $00:16:46.496 \longrightarrow 00:16:48.880$ identifying and addressing those.

NOTE Confidence: 0.952553233333333

00:16:48.880 --> 00:16:51.197 And then the topic of health promotions,

NOTE Confidence: 0.952553233333333

 $00:16:51.200 \longrightarrow 00:16:53.776$ what I personally is near and dear

NOTE Confidence: 0.952553233333333

 $00:16:53.776 \longrightarrow 00:16:56.234$ to my heart because there's very few

NOTE Confidence: 0.952553233333333

 $00:16:56.234 \longrightarrow 00:16:57.900$ times in an adult life where you're

NOTE Confidence: 0.952553233333333

 $00:16:57.945 \longrightarrow 00:16:59.200$ willing to change your behavior

NOTE Confidence: 0.9525532333333333

 $00{:}16{:}59.200 \dashrightarrow 00{:}17{:}00.920$ and cancer is often one of those.

NOTE Confidence: 0.952553233333333 00:17:00.920 --> 00:17:01.950 And so. NOTE Confidence: 0.952553233333333

 $00:17:01.950 \longrightarrow 00:17:05.450$ Really using that teachable moment

NOTE Confidence: 0.952553233333333

 $00:17:05.450 \longrightarrow 00:17:07.880$ to help patients meet their goals

NOTE Confidence: 0.952553233333333

00:17:07.953 --> 00:17:09.904 for their diet, their exercise,

NOTE Confidence: 0.952553233333333

 $00:17:09.904 \longrightarrow 00:17:14.070$ maybe not drinking as much as they used to.

00:17:14.070 --> 00:17:14.778 Smoking cessation,

NOTE Confidence: 0.952553233333333

00:17:14.778 --> 00:17:16.548 especially in head and neck

NOTE Confidence: 0.952553233333333

00:17:16.548 --> 00:17:18.109 cancer patients as we know,

NOTE Confidence: 0.952553233333333

 $00:17:18.110 \longrightarrow 00:17:19.334$ can be so important.

NOTE Confidence: 0.952553233333333

00:17:19.334 --> 00:17:19.946 Every patient,

NOTE Confidence: 0.952553233333333

 $00:17:19.950 \longrightarrow 00:17:22.794$ but those are tenants of of

NOTE Confidence: 0.952553233333333

00:17:22.794 --> 00:17:25.159 survivorship care for everyone and

NOTE Confidence: 0.952553233333333

00:17:25.159 --> 00:17:27.805 then of course why we're here is.

NOTE Confidence: 0.952553233333333

 $00:17:27.810 \longrightarrow 00:17:29.442$ That we owe it to our patients to

NOTE Confidence: 0.952553233333333

 $00{:}17{:}29.442 \dashrightarrow 00{:}17{:}31.024$ coordinate this care and make sure that

NOTE Confidence: 0.952553233333333

00:17:31.024 --> 00:17:32.490 nothing is falling through the cracks,

NOTE Confidence: 0.952553233333333

 $00:17:32.490 \longrightarrow 00:17:35.570$ which is so much easier said than done.

NOTE Confidence: 0.952553233333333300:17:35.570 --> 00:17:36.102 Next slide, NOTE Confidence: 0.952553233333333

 $00{:}17{:}36.102 \dashrightarrow 00{:}17{:}36.368$ please.

NOTE Confidence: 0.9100634

 $00:17:38.850 \longrightarrow 00:17:42.846$ I was going to plug in this gentleman's.

00:17:45.000 --> 00:17:47.100 Profile on an app that I thought

NOTE Confidence: 0.942575923076923

 $00{:}17{:}47.100 \dashrightarrow 00{:}17{:}49.243$ was available and show you like how

NOTE Confidence: 0.942575923076923

 $00:17:49.243 \longrightarrow 00:17:51.455$ we would solve this together if you

NOTE Confidence: 0.942575923076923

 $00:17:51.455 \longrightarrow 00:17:53.355$ didn't have a survivorship clinic.

NOTE Confidence: 0.942575923076923

 $00:17:53.360 \longrightarrow 00:17:55.880$ And I I don't know what happened to the app.

NOTE Confidence: 0.942575923076923

 $00:17:55.880 \longrightarrow 00:17:57.120$ I couldn't find it.

NOTE Confidence: 0.942575923076923

 $00:17:57.120 \longrightarrow 00:18:00.360$ So in head and neck cancer patients for

NOTE Confidence: 0.942575923076923

00:18:00.360 --> 00:18:02.950 instance if you Google survivorship and

NOTE Confidence: 0.942575923076923

 $00:18:02.950 \longrightarrow 00:18:05.788$ the American Cancer Society is a wonderful

NOTE Confidence: 0.942575923076923

00:18:05.788 --> 00:18:08.236 resource for both doctors and patients,

NOTE Confidence: 0.942575923076923

00:18:08.240 --> 00:18:11.084 you're going to get a PDF of guidelines and

NOTE Confidence: 0.942575923076923

 $00{:}18{:}11.084 \longrightarrow 00{:}18{:}14.229$ if you even click on the link that says.

NOTE Confidence: 0.942575923076923

 $00:18:14.230 \longrightarrow 00:18:16.430$ You know, a simple chart.

NOTE Confidence: 0.942575923076923

 $00:18:16.430 \longrightarrow 00:18:19.006$ This is one page on the left

NOTE Confidence: 0.942575923076923

 $00:18:19.006 \longrightarrow 00:18:21.907$ hand side of a three page chart.

NOTE Confidence: 0.942575923076923

 $00:18:21.910 \longrightarrow 00:18:24.270$ This is for head and neck cancer survivors.

 $00:18:24.270 \longrightarrow 00:18:26.310$ There's also the same information

NOTE Confidence: 0.942575923076923

 $00:18:26.310 \longrightarrow 00:18:27.942$ for breast cancer survivors,

NOTE Confidence: 0.942575923076923

00:18:27.950 --> 00:18:29.348 colon cancer survivors,

NOTE Confidence: 0.942575923076923

00:18:29.348 --> 00:18:30.746 prostate cancer survivors.

NOTE Confidence: 0.942575923076923

 $00{:}18{:}30.750 \dashrightarrow 00{:}18{:}33.234$ And that's kind of where a Ch that's like

NOTE Confidence: 0.942575923076923

 $00:18:33.234 \longrightarrow 00:18:35.933$ a CS American Cancer side of the where

NOTE Confidence: 0.942575923076923

 $00:18:35.933 \longrightarrow 00:18:38.460$ their guidelines are sort of fitting.

NOTE Confidence: 0.942575923076923

00:18:38.460 --> 00:18:40.884 So instead I just summarized sort of what

NOTE Confidence: 0.942575923076923

 $00:18:40.884 \longrightarrow 00:18:43.935$ is in this document on the right hand side.

NOTE Confidence: 0.942575923076923

 $00:18:43.940 \longrightarrow 00:18:46.054$ So again it's a three page table.

NOTE Confidence: 0.942575923076923

 $00:18:46.060 \longrightarrow 00:18:48.710$ You'll see that there are

NOTE Confidence: 0.942575923076923

 $00:18:48.710 \longrightarrow 00:18:50.300$ recommendations for surveillance,

NOTE Confidence: 0.942575923076923

 $00{:}18{:}50.300 \dashrightarrow 00{:}18{:}51.680$ screening and early detection

NOTE Confidence: 0.942575923076923

 $00:18:51.680 \longrightarrow 00:18:53.060$ of second primary cancers.

NOTE Confidence: 0.942575923076923

00:18:53.060 --> 00:18:55.419 They really call that out here because

00:18:55.419 --> 00:18:57.456 that's a particularly high risk in the

NOTE Confidence: 0.942575923076923

 $00{:}18{:}57.456 \dashrightarrow 00{:}18{:}59.400$ head and neck cancer world because of

NOTE Confidence: 0.942575923076923

 $00:18:59.400 \longrightarrow 00:19:01.640$ the treatment that's given and the risk

NOTE Confidence: 0.942575923076923

 $00:19:01.640 \longrightarrow 00:19:04.020$ factors that are often associated with it.

NOTE Confidence: 0.942575923076923

 $00:19:04.020 \longrightarrow 00:19:05.780$ Then Assessment of Management

NOTE Confidence: 0.942575923076923

00:19:05.780 --> 00:19:07.540 of Physical and Psychosocial,

NOTE Confidence: 0.942575923076923

00:19:07.540 --> 00:19:08.876 Longterm and Late Effects.

NOTE Confidence: 0.942575923076923

 $00:19:08.876 \longrightarrow 00:19:11.620$ I listed those down there at the bottom.

NOTE Confidence: 0.942575923076923

 $00:19:11.620 \longrightarrow 00:19:13.420$ And then of course Health

NOTE Confidence: 0.942575923076923

00:19:13.420 --> 00:19:14.860 Promotion and Care Coordination.

NOTE Confidence: 0.942575923076923

 $00{:}19{:}14.860 \longrightarrow 00{:}19{:}17.380$ If you look at the list of late and

NOTE Confidence: 0.942575923076923

00:19:17.380 --> 00:19:19.820 longterm effects and you read the chart,

NOTE Confidence: 0.942575923076923

 $00:19:19.820 \longrightarrow 00:19:22.370$ every single one recommends that

NOTE Confidence: 0.942575923076923

00:19:22.370 --> 00:19:25.469 you primary care screen for each

NOTE Confidence: 0.942575923076923

 $00:19:25.469 \longrightarrow 00:19:28.235$ of these things detect and refer.

NOTE Confidence: 0.942575923076923

 $00{:}19{:}28.240 \dashrightarrow 00{:}19{:}30.400$ And I feel overwhelmed just reading

00:19:30.400 --> 00:19:32.545 through that chart and can't imagine

NOTE Confidence: 0.942575923076923

 $00:19:32.545 \longrightarrow 00:19:34.764$ what it's like in a busy primary

NOTE Confidence: 0.942575923076923

 $00:19:34.764 \longrightarrow 00:19:36.704$ care clinic to maybe have that

NOTE Confidence: 0.942575923076923

 $00:19:36.704 \longrightarrow 00:19:39.407$ sense of duty to try to detect and

NOTE Confidence: 0.942575923076923

 $00{:}19{:}39.407 \dashrightarrow 00{:}19{:}41.527$ treat and refer for specialized

NOTE Confidence: 0.942575923076923

 $00:19:41.527 \longrightarrow 00:19:44.000$ treatment for all of these issues.

NOTE Confidence: 0.942575923076923

00:19:44.000 --> 00:19:45.542 So I just, you know, curious on,

NOTE Confidence: 0.942575923076923

 $00:19:45.542 \longrightarrow 00:19:47.597$ on any comments on that,

NOTE Confidence: 0.942575923076923

 $00:19:47.600 \longrightarrow 00:19:49.598$ but this is what's in the

NOTE Confidence: 0.942575923076923

 $00:19:49.598 \longrightarrow 00:19:50.597$ literature right now.

NOTE Confidence: 0.942575923076923

00:19:50.600 --> 00:19:51.278 Next slide please.

NOTE Confidence: 0.944898246153846

 $00:19:53.580 \longrightarrow 00:19:55.484$ There is also you can find this on

NOTE Confidence: 0.944898246153846

 $00:19:55.484 \longrightarrow 00:19:57.178$ the American Cancer Society website.

NOTE Confidence: 0.944898246153846

 $00:19:57.180 \longrightarrow 00:20:00.365$ There is a link to this Cancer

NOTE Confidence: 0.944898246153846

 $00:20:00.365 \longrightarrow 00:20:02.272$ Survivorship e-learning series and

 $00:20:02.272 \longrightarrow 00:20:06.170$ there is a one hour webinar that focuses

NOTE Confidence: 0.944898246153846

 $00{:}20{:}06.170 \dashrightarrow 00{:}20{:}09.140$ on head and neck cancer survivorship.

NOTE Confidence: 0.944898246153846

00:20:09.140 --> 00:20:11.102 What I was hoping to show is how you

NOTE Confidence: 0.944898246153846

00:20:11.102 --> 00:20:13.159 could figure all of this out in a few

NOTE Confidence: 0.944898246153846

 $00{:}20{:}13.159 \dashrightarrow 00{:}20{:}14.956$ minutes and and it really I think

NOTE Confidence: 0.944898246153846

 $00:20:14.956 \longrightarrow 00:20:18.429$ illustrates the fact that it this is hard.

NOTE Confidence: 0.944898246153846

00:20:18.430 --> 00:20:20.206 I don't know how many people have an

NOTE Confidence: 0.944898246153846

00:20:20.206 --> 00:20:22.128 hour and a preparation for a patient to

NOTE Confidence: 0.944898246153846

00:20:22.128 --> 00:20:24.070 go and watch this to learn more about

NOTE Confidence: 0.944898246153846

 $00:20:24.070 \longrightarrow 00:20:27.430$ addressing this particular patient's needs.

NOTE Confidence: 0.944898246153846

 $00{:}20{:}27.430 --> 00{:}20{:}29.710$ Next slide please.

NOTE Confidence: 0.944898246153846

 $00:20:29.710 \longrightarrow 00:20:32.041$ So I'm ending with just two slides

NOTE Confidence: 0.944898246153846

 $00:20:32.041 \longrightarrow 00:20:34.470$ about the Yale Survivorship Clinic.

NOTE Confidence: 0.938664578421053

00:20:36.670 --> 00:20:39.260 We have been around longer than I've

NOTE Confidence: 0.938664578421053

 $00:20:39.260 \longrightarrow 00:20:42.170$ been at Yale so it was started by

NOTE Confidence: 0.938664578421053

 $00:20:42.170 \longrightarrow 00:20:47.549$ a cancer survivor in 2006. He he.

00:20:47.550 --> 00:20:49.657 Explicitly said this is what I wished

NOTE Confidence: 0.938664578421053

 $00{:}20{:}49.657 \dashrightarrow 00{:}20{:}52.109$ I had had in my cancer treatment.

NOTE Confidence: 0.938664578421053

 $00:20:52.110 \longrightarrow 00:20:54.405$ So this is what this is the team you

NOTE Confidence: 0.938664578421053

00:20:54.405 --> 00:20:56.589 must assemble if you want my money.

NOTE Confidence: 0.938664578421053

00:20:56.590 --> 00:20:58.710 And so Yale said Okay,

NOTE Confidence: 0.938664578421053

 $00:20:58.710 \longrightarrow 00:21:03.270$ we serve patients of all diagnosis.

NOTE Confidence: 0.938664578421053

00:21:03.270 --> 00:21:06.154 Any patient who's had a diagnosis of

NOTE Confidence: 0.938664578421053

 $00{:}21{:}06.154 \dashrightarrow 00{:}21{:}09.067$ cancer is welcome to come to our clinic

NOTE Confidence: 0.938664578421053

 $00:21:09.070 \longrightarrow 00:21:12.400$ and we meet once weekly and we go to

NOTE Confidence: 0.938664578421053

 $00{:}21{:}12.400 \dashrightarrow 00{:}21{:}16.196$ the different various greater New Haven.

NOTE Confidence: 0.938664578421053

00:21:16.200 --> 00:21:18.195 Locations. So we see patients in Smila,

NOTE Confidence: 0.938664578421053

 $00:21:18.200 \longrightarrow 00:21:19.838$ but we also go to Guilford,

NOTE Confidence: 0.938664578421053

 $00{:}21{:}19.840 \dashrightarrow 00{:}21{:}23.319$ North Haven and Derby starting next month.

NOTE Confidence: 0.938664578421053

00:21:23.320 --> 00:21:25.605 Just a minute, I'm I'm going to call, sorry.

NOTE Confidence: 0.938664578421053

00:21:25.605 --> 00:21:28.480 I'm also have a couple kids hanging around.

 $00:21:28.480 \longrightarrow 00:21:31.234$ We give just a minute honey. Okay.

NOTE Confidence: 0.938664578421053

00:21:31.234 --> 00:21:32.638 All right, I'll, I'll help you.

NOTE Confidence: 0.938664578421053

00:21:32.640 --> 00:21:35.680 Amelia, can you help her get some food?

NOTE Confidence: 0.938664578421053

 $00:21:35.680 \longrightarrow 00:21:39.038$ We see patients for a one time

NOTE Confidence: 0.938664578421053

 $00:21:39.038 \longrightarrow 00:21:41.148$ consultation and then we usually have

NOTE Confidence: 0.938664578421053

00:21:41.148 --> 00:21:43.644 one or two follow up visits so we

NOTE Confidence: 0.938664578421053

00:21:43.720 --> 00:21:46.100 do not assume care of our patients.

NOTE Confidence: 0.938664578421053

00:21:46.100 --> 00:21:48.656 But they do get a 2 hour visit each

NOTE Confidence: 0.938664578421053

 $00{:}21{:}48.656 \dashrightarrow 00{:}21{:}50.904$ time with four specialists and I'll

NOTE Confidence: 0.938664578421053

00:21:50.904 --> 00:21:53.859 tell you about them in just a minute.

NOTE Confidence: 0.938664578421053

 $00{:}21{:}53.860 \dashrightarrow 00{:}21{:}55.576$ I think it's important to understand

NOTE Confidence: 0.938664578421053

 $00:21:55.576 \longrightarrow 00:21:58.298$ we do not take the place of either the

NOTE Confidence: 0.938664578421053

00:21:58.298 --> 00:22:00.380 oncologist or the primary care provider,

NOTE Confidence: 0.938664578421053

 $00:22:00.380 \longrightarrow 00:22:02.291$ but we do meet the patient where

NOTE Confidence: 0.938664578421053

00:22:02.291 --> 00:22:05.157 they are at and we provide a lot

NOTE Confidence: 0.938664578421053

 $00:22:05.157 \longrightarrow 00:22:06.745$ of individualized counseling and

 $00:22:06.745 \longrightarrow 00:22:08.628$ references based on what the survivor

NOTE Confidence: 0.938664578421053

 $00:22:08.628 \longrightarrow 00:22:10.100$ is hoping to achieve.

NOTE Confidence: 0.938664578421053

00:22:10.100 --> 00:22:12.980 And every single patient gets an

NOTE Confidence: 0.938664578421053

00:22:12.980 --> 00:22:14.900 individualized survivorship care plan.

NOTE Confidence: 0.938664578421053

 $00:22:14.900 \longrightarrow 00:22:16.488$ Next slide please. Okay.

NOTE Confidence: 0.938664578421053

 $00:22:16.488 \longrightarrow 00:22:18.076$ So who's the team?

NOTE Confidence: 0.938664578421053

 $00:22:18.080 \longrightarrow 00:22:19.640$ So I'm the medical director.

NOTE Confidence: 0.938664578421053

 $00:22:19.640 \longrightarrow 00:22:20.868$ I do see patients,

NOTE Confidence: 0.938664578421053

00:22:20.868 --> 00:22:23.708 but really the bulk of the patients are

NOTE Confidence: 0.938664578421053

 $00:22:23.708 \longrightarrow 00:22:26.474$ seen by my fabulous physicians assistant,

NOTE Confidence: 0.938664578421053

00:22:26.480 --> 00:22:26.868 Kevin Bretta,

NOTE Confidence: 0.938664578421053

 $00:22:26.868 \longrightarrow 00:22:28.032$ who would have loved to have

NOTE Confidence: 0.938664578421053

 $00:22:28.032 \longrightarrow 00:22:28.760$ been here to night,

NOTE Confidence: 0.938664578421053

 $00:22:28.760 \longrightarrow 00:22:30.998$ but he's actually on a vacation

NOTE Confidence: 0.938664578421053

 $00:22:30.998 \longrightarrow 00:22:33.679$ and we want him to enjoy that.

00:22:33.680 --> 00:22:36.398 He he's the PA there in the top left,

NOTE Confidence: 0.938664578421053

 $00:22:36.400 \longrightarrow 00:22:38.896$ and he's the one who makes

NOTE Confidence: 0.938664578421053

 $00:22:38.896 \longrightarrow 00:22:40.560$ those survivorship care plans.

NOTE Confidence: 0.938664578421053

 $00:22:40.560 \longrightarrow 00:22:42.665$ He's the one who's making

NOTE Confidence: 0.938664578421053

00:22:42.665 --> 00:22:44.349 sure patients aren't lost.

NOTE Confidence: 0.938664578421053

00:22:44.350 --> 00:22:46.750 Can transition that they're that he

NOTE Confidence: 0.938664578421053

00:22:46.750 --> 00:22:49.083 that they understand you know what

NOTE Confidence: 0.938664578421053

 $00:22:49.083 \longrightarrow 00:22:51.010$ the plan is going forward who's

NOTE Confidence: 0.938664578421053

 $00{:}22{:}51.010 \dashrightarrow 00{:}22{:}53.090$ going to be doing what and you know

NOTE Confidence: 0.938664578421053

 $00:22:53.090 \longrightarrow 00:22:55.073$ he addresses late and longterm

NOTE Confidence: 0.938664578421053

 $00{:}22{:}55.073 \dashrightarrow 00{:}22{:}57.143$ effects from a medical perspective.

NOTE Confidence: 0.938664578421053

00:22:57.150 --> 00:23:00.702 The LCSW licensed clinical social

NOTE Confidence: 0.938664578421053

 $00:23:00.702 \longrightarrow 00:23:02.942$ worker is next to that.

NOTE Confidence: 0.938664578421053

 $00{:}23{:}02.950 \dashrightarrow 00{:}23{:}04.950$ Right now it's Kristen Clark.

NOTE Confidence: 0.938664578421053

 $00:23:04.950 \longrightarrow 00:23:07.002$ They have our social workers have

NOTE Confidence: 0.938664578421053

 $00{:}23{:}07.002 \dashrightarrow 00{:}23{:}09.153$ the highest level of training in

 $00:23:09.153 \longrightarrow 00:23:11.632$ their field for cancer and they

NOTE Confidence: 0.938664578421053

 $00:23:11.632 \longrightarrow 00:23:13.716$ really talk about the.

NOTE Confidence: 0.938664578421053

00:23:13.720 --> 00:23:15.538 Psychosocial aspects of coping with cancer

NOTE Confidence: 0.938664578421053

 $00:23:15.538 \longrightarrow 00:23:18.239$ and and so for instance back to this case.

NOTE Confidence: 0.938664578421053

00:23:18.240 --> 00:23:19.824 You know many of our head

NOTE Confidence: 0.938664578421053

 $00:23:19.824 \longrightarrow 00:23:20.880$ and neck cancer patients,

NOTE Confidence: 0.938664578421053

00:23:20.880 --> 00:23:22.120 though this man is stoic,

NOTE Confidence: 0.938664578421053

 $00:23:22.120 \longrightarrow 00:23:25.480$ he may be having some fear of eating.

NOTE Confidence: 0.938664578421053

00:23:25.480 --> 00:23:27.762 Could be that he's doing less socially

NOTE Confidence: 0.938664578421053

 $00{:}23{:}27.762 \dashrightarrow 00{:}23{:}29.710$ because he's a fraid of choking in

NOTE Confidence: 0.938664578421053

00:23:29.710 --> 00:23:31.831 public because of his chronic dry mouth.

NOTE Confidence: 0.938664578421053

 $00:23:31.840 \longrightarrow 00:23:34.024$ So this is would be an example

NOTE Confidence: 0.938664578421053

 $00{:}23{:}34.024 \dashrightarrow 00{:}23{:}36.157$ of what the social worker might

NOTE Confidence: 0.938664578421053

00:23:36.157 --> 00:23:39.060 talk about and try to plug him in.

NOTE Confidence: 0.938664578421053

 $00:23:39.060 \longrightarrow 00:23:41.412$ With some help to to cope with

 $00:23:41.412 \longrightarrow 00:23:42.420$ that and and

NOTE Confidence: 0.93293488

 $00{:}23{:}42.503 \dashrightarrow 00{:}23{:}44.900$ to validate those feelings and and

NOTE Confidence: 0.93293488

 $00:23:44.900 \longrightarrow 00:23:48.558$ maybe even treat anxiety and depression.

NOTE Confidence: 0.93293488

00:23:48.558 --> 00:23:52.152 Our physical therapist is a is actually

NOTE Confidence: 0.93293488

 $00:23:52.152 \longrightarrow 00:23:55.195$ also the head of our ank rehab program

NOTE Confidence: 0.93293488

00:23:55.195 --> 00:23:58.254 Scott Caposa and he is got he actually

NOTE Confidence: 0.93293488

 $00:23:58.254 \longrightarrow 00:24:00.713$ wrote the board of questions for

NOTE Confidence: 0.93293488

 $00:24:00.713 \longrightarrow 00:24:03.268$ the ACSM oncology certification for

NOTE Confidence: 0.93293488

 $00{:}24{:}03.268 \rightarrow 00{:}24{:}06.310$ his for physical therapist. So he's.

NOTE Confidence: 0.93293488

 $00:24:06.310 \longrightarrow 00:24:08.278$ Been doing this for a very long time

NOTE Confidence: 0.93293488

 $00{:}24{:}08.278 \dashrightarrow 00{:}24{:}10.486$ and he helps patients either get

NOTE Confidence: 0.93293488

00:24:10.486 --> 00:24:12.626 back to the physical functioning

NOTE Confidence: 0.93293488

 $00:24:12.626 \longrightarrow 00:24:15.333$ that they had before or maybe start

NOTE Confidence: 0.93293488

 $00{:}24{:}15.333 \dashrightarrow 00{:}24{:}18.189$ a new plan to help meet new goals.

NOTE Confidence: 0.93293488

 $00:24:18.190 \longrightarrow 00:24:20.890$ And then of course as a PT he would be

NOTE Confidence: 0.93293488

 $00:24:20.966 \longrightarrow 00:24:23.668$ able to assess for this gentleman hit,

00:24:23.670 --> 00:24:25.506 you know, his range of motion,

NOTE Confidence: 0.93293488

 $00{:}24{:}25.510 \dashrightarrow 00{:}24{:}28.606$ his ability to to stretch his neck.

NOTE Confidence: 0.93293488

 $00:24:28.606 \longrightarrow 00:24:30.824$ He would be able to prescribe a

NOTE Confidence: 0.93293488

 $00:24:30.824 \longrightarrow 00:24:33.806$ home exercise program to help with

NOTE Confidence: 0.93293488

 $00{:}24{:}33.806 \rightarrow 00{:}24{:}36.262$ any symptoms that he's having.

NOTE Confidence: 0.93293488

 $00:24:36.262 \longrightarrow 00:24:38.856$ In his affected fields and then

NOTE Confidence: 0.93293488

00:24:38.856 --> 00:24:40.764 our last provider is a registered

NOTE Confidence: 0.93293488

 $00:24:40.764 \longrightarrow 00:24:42.560$ dietitian who's also a certified

NOTE Confidence: 0.93293488

 $00:24:42.560 \longrightarrow 00:24:43.658$ specialist in oncology.

NOTE Confidence: 0.93293488

 $00:24:43.660 \longrightarrow 00:24:46.090$ So again the highest levels of

NOTE Confidence: 0.93293488

 $00:24:46.090 \longrightarrow 00:24:49.056$ their of their field in cancer care.

NOTE Confidence: 0.93293488

 $00:24:49.060 \longrightarrow 00:24:52.324$ And right now we have a new dietitian

NOTE Confidence: 0.93293488

00:24:52.324 --> 00:24:54.612 named Natalie Smith and they

NOTE Confidence: 0.93293488

 $00:24:54.612 \longrightarrow 00:24:56.764$ really address you know not only

NOTE Confidence: 0.93293488

 $00:24:56.764 \longrightarrow 00:24:58.294$ weight gain and weight loss.

 $00:24:58.300 \longrightarrow 00:25:00.136$ So in this particular gentleman probably

NOTE Confidence: 0.93293488

 $00:25:00.136 \longrightarrow 00:25:02.038$ he's lost some weight through his

NOTE Confidence: 0.93293488

 $00:25:02.038 \longrightarrow 00:25:03.593$ treatment and possibly gaining that

NOTE Confidence: 0.93293488

 $00:25:03.593 \longrightarrow 00:25:05.668$ weight back can be really challenging.

NOTE Confidence: 0.93293488

 $00:25:05.670 \longrightarrow 00:25:08.398$ And lots of wellintentioned family

NOTE Confidence: 0.93293488

00:25:08.398 --> 00:25:10.387 members may have told him that all

NOTE Confidence: 0.93293488

 $00:25:10.387 \longrightarrow 00:25:11.632$ these supplements that he needs

NOTE Confidence: 0.93293488

 $00{:}25{:}11.632 \dashrightarrow 00{:}25{:}13.190$ to take to prevent recurrence.

NOTE Confidence: 0.93293488

 $00{:}25{:}13.190 \dashrightarrow 00{:}25{:}16.050$ And our dietitian really addresses

NOTE Confidence: 0.93293488

00:25:16.050 --> 00:25:18.910 myths about nutrition and cancer,

NOTE Confidence: 0.93293488

 $00:25:18.910 \longrightarrow 00:25:21.094$ of which there are many because the diet

NOTE Confidence: 0.93293488

00:25:21.094 --> 00:25:23.069 industry is a billion dollar industry.

NOTE Confidence: 0.938995675

00:25:26.110 --> 00:25:29.790 If we forget if there's one more slide,

NOTE Confidence: 0.938995675

 $00:25:29.790 \longrightarrow 00:25:34.410$ that's it. So I we.

NOTE Confidence: 0.938995675

 $00:25:34.410 \longrightarrow 00:25:36.505$ We would be happy to see any

NOTE Confidence: 0.938995675

00:25:36.505 --> 00:25:38.600 patient that you felt could benefit

 $00:25:38.600 \longrightarrow 00:25:40.610$ from what I just described.

NOTE Confidence: 0.938995675

 $00{:}25{:}40.610 \dashrightarrow 00{:}25{:}42.452$ It doesn't matter if they're within

NOTE Confidence: 0.938995675

00:25:42.452 --> 00:25:44.476 that year or maybe they're three

NOTE Confidence: 0.938995675

 $00:25:44.476 \longrightarrow 00:25:46.666$ years and and sometimes we've even

NOTE Confidence: 0.938995675

 $00:25:46.666 \longrightarrow 00:25:48.648$ gotten patients who are 10 years out.

NOTE Confidence: 0.938995675

 $00:25:48.650 \longrightarrow 00:25:51.338$ And we we also try to face

NOTE Confidence: 0.938995675

 $00:25:51.338 \longrightarrow 00:25:53.010$ our patients every year.

NOTE Confidence: 0.938995675

 $00:25:53.010 \longrightarrow 00:25:55.050$ There's June is cancer survivorship

NOTE Confidence: 0.938995675

 $00{:}25{:}55.050 \to 00{:}25{:}58.418$ month and we try to go directly to

NOTE Confidence: 0.938995675

 $00{:}25{:}58.418 \dashrightarrow 00{:}26{:}00.874$ patients with we binars just like this

NOTE Confidence: 0.938995675

 $00:26:00.874 \longrightarrow 00:26:04.150$ to address issues and this will be our.

NOTE Confidence: 0.938995675

 $00:26:04.150 \longrightarrow 00:26:05.670$ I think our 4th June,

NOTE Confidence: 0.938995675

00:26:05.670 --> 00:26:07.590 that's virtual and it starts tomorrow.

NOTE Confidence: 0.938995675

 $00:26:07.590 \longrightarrow 00:26:11.850$ Now I'll just say that you can find this on

NOTE Confidence: 0.938995675

 $00:26:11.850 \longrightarrow 00:26:14.350$ our website if you yourself are curious.

00:26:14.350 --> 00:26:16.310 If you wanted to send a patient,

NOTE Confidence: 0.938995675

 $00:26:16.310 \longrightarrow 00:26:18.182$ they're going to be every Wednesday

NOTE Confidence: 0.938995675

 $00:26:18.182 \longrightarrow 00:26:20.350$ in June from 6:30 to 8:00 tomorrow.

NOTE Confidence: 0.938995675

 $00:26:20.350 \longrightarrow 00:26:23.430$ We start with a panel talking about

NOTE Confidence: 0.938995675

 $00:26:23.430 \longrightarrow 00:26:25.708$ restoring your body to integrity

NOTE Confidence: 0.938995675

 $00:26:25.708 \longrightarrow 00:26:28.530$ after cancer and on June 14th

NOTE Confidence: 0.938995675

 $00:26:28.530 \longrightarrow 00:26:30.470$ living with cancer chronically.

NOTE Confidence: 0.938995675

00:26:30.470 --> 00:26:33.606 On June 21st cancer and the family.

NOTE Confidence: 0.938995675

00:26:33.610 --> 00:26:35.874 How to advocate for your loved one And

NOTE Confidence: 0.938995675

 $00:26:35.874 \longrightarrow 00:26:39.770$ on June 28th, myths and social media.

NOTE Confidence: 0.938995675

 $00{:}26{:}39.770 \dashrightarrow 00{:}26{:}41.930$ So thank you very much for your time.

NOTE Confidence: 0.938995675

 $00:26:41.930 \longrightarrow 00:26:43.530$ Oh, thank you.

NOTE Confidence: 0.938995675

 $00:26:43.530 \longrightarrow 00:26:44.778$ And yeah,

NOTE Confidence: 0.938995675

 $00:26:44.778 \longrightarrow 00:26:46.650$ I'll stop there.

NOTE Confidence: 0.938995675

 $00:26:46.650 \longrightarrow 00:26:47.050$ We do

NOTE Confidence: 0.92616484

 $00:26:47.050 \longrightarrow 00:26:48.330$ have a time. We do

 $00:26:48.370 \longrightarrow 00:26:50.248$ have time for a few questions,

NOTE Confidence: 0.9402536

 $00:26:50.250 \longrightarrow 00:26:52.410$ A couple of questions for Dr. Samt.

NOTE Confidence: 0.91298245

00:26:54.690 --> 00:26:57.901 And you can put them in the, the,

NOTE Confidence: 0.91298245

 $00:26:57.901 \longrightarrow 00:27:00.607$ the chat or you can actually.

NOTE Confidence: 0.91298245

 $00:27:00.610 \longrightarrow 00:27:02.110$ I think you have to put them to

NOTE Confidence: 0.91298245

00:27:02.110 --> 00:27:04.729 the chat, actually. Or the Q&A.

NOTE Confidence: 0.871577045

 $00:27:09.490 \longrightarrow 00:27:11.009$ So Dr. Sam is I'm going to

NOTE Confidence: 0.871577045

00:27:11.009 --> 00:27:12.609 just ask a quick question.

NOTE Confidence: 0.871577045

 $00:27:12.610 \longrightarrow 00:27:15.290$ Is there space for those of us in

NOTE Confidence: 0.871577045

 $00:27:15.290 \longrightarrow 00:27:17.586$ primary care to communicate with you

NOTE Confidence: 0.871577045

 $00:27:17.586 \longrightarrow 00:27:20.154$ offline just in terms of recommendations

NOTE Confidence: 0.871577045

 $00:27:20.154 \longrightarrow 00:27:22.650$ around particular patient cases?

NOTE Confidence: 0.942649647619047

 $00:27:23.770 \longrightarrow 00:27:26.500$ Absolutely, we would, I mean we would

NOTE Confidence: 0.942649647619047

 $00:27:26.500 \longrightarrow 00:27:29.306$ love to consult on any questions or

NOTE Confidence: 0.942649647619047

 $00:27:29.306 \longrightarrow 00:27:32.090$ issues that are coming through or even.

 $00:27:34.110 \longrightarrow 00:27:36.030$ Listen and help find the answers.

NOTE Confidence: 0.9452853

 $00{:}27{:}36.030 \dashrightarrow 00{:}27{:}38.870$ If we are not like immediately got them

NOTE Confidence: 0.9452853

 $00:27:38.870 \longrightarrow 00:27:41.786$ on on the nose we because of what we do,

NOTE Confidence: 0.9452853

 $00:27:41.790 \longrightarrow 00:27:45.470$ we do know where to find these answers.

NOTE Confidence: 0.9452853

00:27:45.470 --> 00:27:47.850 Probably quicker than a Google

NOTE Confidence: 0.9452853

 $00:27:47.850 \longrightarrow 00:27:50.070$ search and certainly quicker than the

NOTE Confidence: 0.9452853

00:27:50.070 --> 00:27:52.721 time you have to try to to look and

NOTE Confidence: 0.9452853

00:27:52.721 --> 00:27:55.400 figure it out so you know my e-mail.

NOTE Confidence: 0.9452853

 $00{:}27{:}55.400 \dashrightarrow 00{:}27{:}58.548$ Is tara.samptatyale.edu Jeff and Britta

NOTE Confidence: 0.9452853

00:27:58.548 --> 00:28:01.934 is my PA and this is his full time job

NOTE Confidence: 0.9452853

 $00{:}28{:}01.934 \dashrightarrow 00{:}28{:}05.880$ outside of helping with some of the

NOTE Confidence: 0.9452853

 $00:28:05.880 \longrightarrow 00:28:07.560$ breast patients that we see together.

NOTE Confidence: 0.9452853

 $00:28:07.560 \longrightarrow 00:28:09.198$ But this is where this is where

NOTE Confidence: 0.9452853

 $00:28:09.198 \longrightarrow 00:28:10.599$ we spend all of our time.

NOTE Confidence: 0.9452853

 $00:28:10.600 \longrightarrow 00:28:12.856$ We'd be happy to to consult offline and

NOTE Confidence: 0.9452853

 $00{:}28{:}12.856 \dashrightarrow 00{:}28{:}15.038$ then help plug patients in as needed.

00:28:16.040 --> 00:28:19.505 Yeah, I I really, truly appreciate that

NOTE Confidence: 0.9046714575

 $00:28:19.505 \longrightarrow 00:28:24.379$ and you know it in in primary care.

NOTE Confidence: 0.9046714575

00:28:24.379 --> 00:28:27.280 We're I think frequently overwhelmed

NOTE Confidence: 0.9046714575

 $00:28:27.280 \longrightarrow 00:28:30.128$ with the number of recommendations and

NOTE Confidence: 0.9046714575

 $00:28:30.128 \longrightarrow 00:28:32.560$ items that we have to pay attention to.

NOTE Confidence: 0.9046714575

 $00:28:32.560 \longrightarrow 00:28:34.100$ And you know all the things we

NOTE Confidence: 0.9046714575

 $00:28:34.100 \longrightarrow 00:28:35.541$ have to juggle with patients and

NOTE Confidence: 0.9046714575

 $00:28:35.541 \longrightarrow 00:28:37.400$ knowing that we can kind of lean on

NOTE Confidence: 0.9046714575

 $00{:}28{:}37.400 \dashrightarrow 00{:}28{:}39.356$ you as colleagues is very helpful.

NOTE Confidence: 0.9046714575

00:28:39.360 --> 00:28:41.760 You know, to me I think that the two big

NOTE Confidence: 0.9046714575

 $00:28:41.820 \longrightarrow 00:28:45.370$ takeaways for this case are first that.

NOTE Confidence: 0.9046714575

 $00:28:45.370 \longrightarrow 00:28:46.948$ You know, patients with certain cancers

NOTE Confidence: 0.9046714575

 $00:28:46.948 \longrightarrow 00:28:49.087$ are at much higher risk for other cancers.

NOTE Confidence: 0.9046714575

00:28:49.090 --> 00:28:50.450 And actually I've, you know,

NOTE Confidence: 0.9046714575

 $00:28:50.450 \longrightarrow 00:28:52.280$ I've also learned that frequently

00:28:52.280 --> 00:28:54.110 their rate of appropriate screening

NOTE Confidence: 0.9046714575

 $00:28:54.166 \longrightarrow 00:28:56.128$ is lower than the general population,

NOTE Confidence: 0.9046714575

 $00:28:56.130 \longrightarrow 00:28:57.180$ which is surprising.

NOTE Confidence: 0.9046714575

 $00:28:57.180 \longrightarrow 00:28:59.630$ But I think something for us to

NOTE Confidence: 0.9046714575

 $00:28:59.702 \longrightarrow 00:29:01.047$ all to keep in mind.

NOTE Confidence: 0.9046714575

 $00:29:01.050 \longrightarrow 00:29:01.930$ And the second thing is,

NOTE Confidence: 0.9046714575

 $00:29:01.930 \longrightarrow 00:29:03.250$ is that there are, you know,

NOTE Confidence: 0.9046714575

00:29:03.250 --> 00:29:04.972 great resources in place to help guide

NOTE Confidence: 0.9046714575

 $00:29:04.972 \longrightarrow 00:29:07.167$ kind of care decisions for these patients.

NOTE Confidence: 0.950317

 $00:29:08.690 \longrightarrow 00:29:10.980$ I'm curious the way.

NOTE Confidence: 0.92255433375

00:29:10.980 --> 00:29:12.660 You know Dr. Williams, you set this up.

NOTE Confidence: 0.92255433375

 $00:29:12.660 \longrightarrow 00:29:15.480$ Is this this gentleman really

NOTE Confidence: 0.92255433375

00:29:15.480 --> 00:29:17.736 didn't want anymore followup,

NOTE Confidence: 0.92255433375

00:29:17.740 --> 00:29:19.230 even though, you know,

NOTE Confidence: 0.92255433375

00:29:19.230 --> 00:29:20.980 he probably needed ongoing surveillance,

NOTE Confidence: 0.92255433375

 $00:29:20.980 \longrightarrow 00:29:23.780$ at least from primary care and and

 $00:29:23.780 \longrightarrow 00:29:26.338$ maybe also from oncology or ENT.

NOTE Confidence: 0.92255433375

 $00{:}29{:}26.340 \dashrightarrow 00{:}29{:}29.670$ Would would a trip to the survivorship

NOTE Confidence: 0.92255433375

 $00:29:29.670 \longrightarrow 00:29:31.944$ clinic kind of been something that

NOTE Confidence: 0.92255433375

00:29:31.944 --> 00:29:34.416 would help him to understand why or help

NOTE Confidence: 0.92255433375

 $00:29:34.416 \longrightarrow 00:29:36.456$ him kind of come to closure on this?

NOTE Confidence: 0.92255433375

00:29:36.460 --> 00:29:38.180 How would it have worked,

NOTE Confidence: 0.92255433375

00:29:38.180 --> 00:29:40.178 you know, in this particular case?

NOTE Confidence: 0.9364797575

 $00:29:40.540 \longrightarrow 00:29:44.380$ So given that this is a real patient

NOTE Confidence: 0.9364797575

 $00{:}29{:}44.380 \dashrightarrow 00{:}29{:}47.396$ that I hope quite well, there's not

NOTE Confidence: 0.9364797575

 $00:29:47.396 \longrightarrow 00:29:49.132$ a prayer that he would ever go.

NOTE Confidence: 0.948304254

 $00:29:51.700 \longrightarrow 00:29:53.420$ He's he's a lovely gentleman,

NOTE Confidence: 0.948304254

 $00:29:53.420 \longrightarrow 00:29:55.868$ but he's let's just say that he's a

NOTE Confidence: 0.948304254

 $00:29:55.868 \longrightarrow 00:29:58.252$ tried and true New Englander little

NOTE Confidence: 0.948304254

 $00:29:58.252 \longrightarrow 00:30:00.876$ rough around the edges, you know,

NOTE Confidence: 0.948304254

 $00:30:00.876 \longrightarrow 00:30:03.138$ in this case, access for me.

 $00:30:03.138 \longrightarrow 00:30:05.454$ To some of these providership resources

NOTE Confidence: 0.948304254

 $00:30:05.454 \longrightarrow 00:30:08.024$ is going to be very beneficial because

NOTE Confidence: 0.948304254

 $00:30:08.024 \longrightarrow 00:30:11.617$ I can help guide him and we sort of have

NOTE Confidence: 0.948304254

 $00:30:11.617 \longrightarrow 00:30:13.550$ that ongoing connection even though he's

NOTE Confidence: 0.948304254

 $00:30:13.550 \longrightarrow 00:30:15.630$ never all that fond of even seeing me.

NOTE Confidence: 0.948304254

00:30:15.630 --> 00:30:16.710 But you know,

NOTE Confidence: 0.948304254

00:30:16.710 --> 00:30:18.870 that's a in this particular instance,

NOTE Confidence: 0.948304254

 $00:30:18.870 \longrightarrow 00:30:20.750$ that's a very helpful thing.

NOTE Confidence: 0.948304254

 $00:30:20.750 \longrightarrow 00:30:22.634$ I think other cases,

NOTE Confidence: 0.948304254

 $00:30:22.634 \longrightarrow 00:30:24.047$ definitely your suggestion

NOTE Confidence: 0.948304254

 $00:30:24.047 \longrightarrow 00:30:25.910$ that that might help,

NOTE Confidence: 0.948304254

00:30:25.910 --> 00:30:27.632 you know give him the context to

NOTE Confidence: 0.948304254

00:30:27.632 --> 00:30:29.428 think about this going down the road,

NOTE Confidence: 0.948304254

 $00:30:29.430 \longrightarrow 00:30:30.630$ it would be very beneficial.

NOTE Confidence: 0.893570771428571

00:30:31.470 --> 00:30:32.989 Can I just quickly comment on that?

NOTE Confidence: 0.893570771428571

 $00:30:32.990 \longrightarrow 00:30:34.790$ You know, there's we see

 $00:30:34.790 \longrightarrow 00:30:36.634$ men and women, you know,

NOTE Confidence: 0.893570771428571

 $00:30:36.634 \longrightarrow 00:30:39.308$ probably about 300 per year total that.

NOTE Confidence: 0.893570771428571

 $00:30:39.310 \longrightarrow 00:30:41.466$ So there's lots of people that don't

NOTE Confidence: 0.893570771428571

 $00:30:41.466 \longrightarrow 00:30:43.909$ make it into us for whatever reason.

NOTE Confidence: 0.893570771428571

 $00:30:43.910 \longrightarrow 00:30:45.254$ They either don't know or they don't

NOTE Confidence: 0.893570771428571

 $00:30:45.254 \longrightarrow 00:30:47.109$ want to or they don't think they need us.

NOTE Confidence: 0.893570771428571

 $00:30:47.110 \longrightarrow 00:30:49.542$ Often times for men,

NOTE Confidence: 0.893570771428571

 $00{:}30{:}49.542 \dashrightarrow 00{:}30{:}52.922$ wives bring them or children bring them and

NOTE Confidence: 0.893570771428571

00:30:52.922 --> 00:30:56.206 really you know it is kind of a little bit.

NOTE Confidence: 0.893570771428571

 $00{:}30{:}56.210 \dashrightarrow 00{:}30{:}58.088$ Against their will in some ways.

NOTE Confidence: 0.893570771428571

 $00{:}30{:}58.090 \dashrightarrow 00{:}31{:}00.050$ The reason why we have 4 specialists there,

NOTE Confidence: 0.893570771428571

 $00:31:00.050 \longrightarrow 00:31:01.960$ including a social worker and

NOTE Confidence: 0.893570771428571

00:31:01.960 --> 00:31:04.606 you see every single one is to

NOTE Confidence: 0.893570771428571

 $00{:}31{:}04.606 \dashrightarrow 00{:}31{:}06.334$ really give that space that yeah,

NOTE Confidence: 0.893570771428571

 $00:31:06.334 \longrightarrow 00:31:07.546$ you would never have agreed to

 $00:31:07.546 \longrightarrow 00:31:09.259$ see a social worker and talk about

NOTE Confidence: 0.893570771428571

 $00{:}31{:}09.259 \dashrightarrow 00{:}31{:}10.524$ how you're coping with cancer.

NOTE Confidence: 0.893570771428571

00:31:10.530 --> 00:31:13.130 But when it's built in,

NOTE Confidence: 0.893570771428571

00:31:13.130 --> 00:31:14.820 it's shocking how therapeutic it

NOTE Confidence: 0.893570771428571

00:31:14.820 --> 00:31:17.289 can be and how much people say,

NOTE Confidence: 0.893570771428571

 $00:31:17.290 \longrightarrow 00:31:18.809$ I didn't know that I really how

NOTE Confidence: 0.893570771428571

 $00:31:18.809 \longrightarrow 00:31:22.250$ much I really needed that. So.

NOTE Confidence: 0.893570771428571

 $00:31:22.250 \longrightarrow 00:31:24.371$ So I appreciate all those points.

NOTE Confidence: 0.893570771428571

 $00{:}31{:}24.371 \dashrightarrow 00{:}31{:}24.838$ One

NOTE Confidence: 0.958367674

00:31:24.840 --> 00:31:28.024 more question from Jill Banatowski and

NOTE Confidence: 0.958367674

 $00{:}31{:}28.024 \dashrightarrow 00{:}31{:}30.600$ that is you know the role of community

NOTE Confidence: 0.958367674

00:31:30.600 --> 00:31:33.400 PT versus this specific PT is there,

NOTE Confidence: 0.940253528

 $00:31:33.760 \longrightarrow 00:31:35.000$ is there kind of handoff,

NOTE Confidence: 0.950316921666667

 $00:31:35.600 \longrightarrow 00:31:37.478$ is there something special about it?

NOTE Confidence: 0.928177468

 $00:31:38.880 \longrightarrow 00:31:42.586$ Yes and yes. So the cancer ank rehab

NOTE Confidence: 0.928177468

 $00:31:42.586 \longrightarrow 00:31:45.948$ is a specialized field and and

 $00:31:45.948 \longrightarrow 00:31:49.106$ our patients really do many of them

NOTE Confidence: 0.928177468

 $00:31:49.106 \longrightarrow 00:31:51.300$ do need someone who understands the.

NOTE Confidence: 0.928177468

00:31:51.300 --> 00:31:53.610 You don't want somebody who's going

NOTE Confidence: 0.928177468

 $00:31:53.674 \longrightarrow 00:31:55.479$ to be manipulating something that's

NOTE Confidence: 0.928177468

 $00:31:55.479 \longrightarrow 00:31:57.950$ not right and then cause more harm.

NOTE Confidence: 0.928177468

00:31:57.950 --> 00:32:00.350 Thankfully though,

NOTE Confidence: 0.928177468

00:32:00.350 --> 00:32:02.878 many of the P T's in Connecticut are

NOTE Confidence: 0.928177468

 $00{:}32{:}02.878 \longrightarrow 00{:}32{:}04.415$ extremely reputable and experienced

NOTE Confidence: 0.928177468

 $00:32:04.415 \longrightarrow 00:32:06.340$ and local physical therapies. Fine.

NOTE Confidence: 0.928177468

 $00:32:06.340 \longrightarrow 00:32:08.744$ What we do is we first try to get Scott

NOTE Confidence: 0.928177468

 $00:32:08.744 \longrightarrow 00:32:11.183$ to see the patient in clinic and then he

NOTE Confidence: 0.928177468

00:32:11.250 --> 00:32:13.786 knows all of these providers and he'll say,

NOTE Confidence: 0.928177468

 $00{:}32{:}13.790 --> 00{:}32{:}15.230$ oh, in your area.

NOTE Confidence: 0.928177468

 $00:32:15.230 \longrightarrow 00:32:15.950$ This person,

NOTE Confidence: 0.928177468

00:32:15.950 --> 00:32:17.150 she's even lymphedema specialized,

 $00:32:17.150 \longrightarrow 00:32:19.559$ so she could even assess you for head

NOTE Confidence: 0.928177468

 $00{:}32{:}19.559 \dashrightarrow 00{:}32{:}21.194$ and neck lymphedema, for instance.

NOTE Confidence: 0.928177468

00:32:21.194 --> 00:32:22.400 And you know,

NOTE Confidence: 0.928177468

 $00:32:22.400 \longrightarrow 00:32:25.235$ often times he'll even make the connection

NOTE Confidence: 0.928177468

 $00:32:25.240 \longrightarrow 00:32:26.800$ through e-mail or something like that.

NOTE Confidence: 0.928177468

 $00:32:26.800 \longrightarrow 00:32:29.280$ So, so yes and yes,

NOTE Confidence: 0.928177468

00:32:29.280 --> 00:32:31.744 local is fine and a rehab specialist

NOTE Confidence: 0.928177468

 $00:32:31.744 \longrightarrow 00:32:34.043$ can be really helpful to get

NOTE Confidence: 0.928177468

 $00{:}32{:}34.043 \dashrightarrow 00{:}32{:}35.983$ the ball rolling and especially

NOTE Confidence: 0.928177468

00:32:35.983 --> 00:32:37.370 ours who maintain relationships

NOTE Confidence: 0.928177468

 $00{:}32{:}37.370 \dashrightarrow 00{:}32{:}39.200$ with people all over the state

NOTE Confidence: 0.905270864285714

 $00:32:40.600 \longrightarrow 00:32:41.320$ been fantastic.

NOTE Confidence: 0.905270864285714

 $00:32:41.320 \longrightarrow 00:32:43.120$ Thank you Tara so much.

NOTE Confidence: 0.905270864285714

00:32:43.120 --> 00:32:44.709 And I, I know you have a

NOTE Confidence: 0.905270864285714

00:32:44.709 --> 00:32:45.800 family commitment to get to.

NOTE Confidence: 0.905270864285714

 $00:32:45.800 \longrightarrow 00:32:48.614$ So thanks for joining us and

 $00:32:48.614 \longrightarrow 00:32:52.028$ we'll move to the to the second.

NOTE Confidence: 0.905270864285714

 $00:32:52.030 \longrightarrow 00:32:53.190$ Case here. Thanks again,

NOTE Confidence: 0.91989232222222

 $00:32:58.870 \longrightarrow 00:33:00.310$ one that'll be close to many of our hearts.

NOTE Confidence: 0.91989232222222

 $00:33:00.310 \longrightarrow 00:33:03.563$ So it's a 71 year old female with

NOTE Confidence: 0.91989232222222

00:33:03.563 --> 00:33:04.682 medical history significantly

NOTE Confidence: 0.919892322222222

 $00:33:04.682 \longrightarrow 00:33:06.547$ for hypertension which is well

NOTE Confidence: 0.91989232222222

 $00:33:06.547 \longrightarrow 00:33:07.910$ controlled and hyperlipidemia.

NOTE Confidence: 0.91989232222222

 $00:33:07.910 \longrightarrow 00:33:10.128$ She was diagnosed at age 62 with

NOTE Confidence: 0.91989232222222

00:33:10.128 --> 00:33:11.673 right sided breast cancer that

NOTE Confidence: 0.91989232222222

 $00{:}33{:}11.673 \dashrightarrow 00{:}33{:}13.629$ was an invasive ductal carcinoma.

NOTE Confidence: 0.91989232222222

 $00:33:13.630 \longrightarrow 00:33:17.662$ It was Grade 1 anatomic stage 1A estrogen

NOTE Confidence: 0.91989232222222

 $00:33:17.662 \longrightarrow 00:33:19.390$ and progesterone receptor positive,

NOTE Confidence: 0.91989232222222

 $00:33:19.390 \longrightarrow 00:33:20.670$ hair 2 new negative.

NOTE Confidence: 0.91989232222222

 $00:33:20.670 \longrightarrow 00:33:23.126$ So she was treated with the right

NOTE Confidence: 0.91989232222222

 $00:33:23.126 \longrightarrow 00:33:24.994$ mastectomy and a subsequent

00:33:24.994 --> 00:33:27.329 prophylactic left side of mastectomy

NOTE Confidence: 0.91989232222222

 $00{:}33{:}27.395 \dashrightarrow 00{:}33{:}29.330$ and bilateral reconstruction.

NOTE Confidence: 0.91989232222222

 $00:33:29.330 \longrightarrow 00:33:31.376$ She continues to be followed by

NOTE Confidence: 0.91989232222222

00:33:31.376 --> 00:33:33.233 oncology annually and has been

NOTE Confidence: 0.91989232222222

 $00:33:33.233 \longrightarrow 00:33:34.961$ maintained on Mastrozole without

NOTE Confidence: 0.91989232222222

 $00:33:34.961 \longrightarrow 00:33:36.689$ any evidence of recurrence.

NOTE Confidence: 0.91989232222222

 $00:33:36.690 \longrightarrow 00:33:37.728$ She's very active.

NOTE Confidence: 0.91989232222222

 $00:33:37.728 \longrightarrow 00:33:38.766$ She stays healthy,

NOTE Confidence: 0.91989232222222

 $00:33:38.770 \longrightarrow 00:33:40.050$ takes care of herself,

NOTE Confidence: 0.91989232222222

 $00:33:40.050 \longrightarrow 00:33:41.330$ exercises daily good diet.

NOTE Confidence: 0.919892322222222

 $00{:}33{:}41.330 \dashrightarrow 00{:}33{:}44.770$ Then we'll go on to the next slide.

NOTE Confidence: 0.918003766666667

 $00:33:48.250 \longrightarrow 00:33:51.352$ So she presented with subacute onset

NOTE Confidence: 0.918003766666667

 $00{:}33{:}51.352 \dashrightarrow 00{:}33{:}54.370$ of localized mid lumbar back pain.

NOTE Confidence: 0.9180037666666667

 $00{:}33{:}54.370 \dashrightarrow 00{:}33{:}56.128$ Her pain was localized to the

NOTE Confidence: 0.918003766666667

 $00:33:56.130 \longrightarrow 00:33:57.810$ L23 region of the mid back.

NOTE Confidence: 0.918003766666667

 $00{:}33{:}57.810 \dashrightarrow 00{:}34{:}00.338$ She described it as an ache with a

 $00:34:00.338 \longrightarrow 00:34:02.130$ maximum intensity of four out of 10.

NOTE Confidence: 0.918003766666667

 $00:34:02.130 \dashrightarrow 00:34:05.049$ Gets worse when she's exercising and walking.

NOTE Confidence: 0.918003766666667

 $00:34:05.050 \longrightarrow 00:34:07.410$ It troubles her a little bit in bed as well.

NOTE Confidence: 0.918003766666667

 $00:34:07.410 \longrightarrow 00:34:08.618$ There's no other symptoms

NOTE Confidence: 0.918003766666667

 $00:34:08.618 \longrightarrow 00:34:09.524$ associated with this,

NOTE Confidence: 0.918003766666667

 $00{:}34{:}09.530 \dashrightarrow 00{:}34{:}12.770$ and no bowel or bladder complaints.

NOTE Confidence: 0.918003766666667

 $00:34:12.770 \longrightarrow 00:34:15.170$ Her physical exam was largely unremarkable.

NOTE Confidence: 0.918003766666667

 $00:34:15.170 \longrightarrow 00:34:16.307$ She's not tender.

NOTE Confidence: 0.918003766666667

 $00{:}34{:}16.307 \dashrightarrow 00{:}34{:}19.456$ In the area where she localizes her pain

NOTE Confidence: 0.918003766666667

 $00:34:19.456 \longrightarrow 00:34:22.396$ and her neurologic exam was non revealing.

NOTE Confidence: 0.9180037666666667

 $00:34:22.400 \longrightarrow 00:34:23.936$ So the questions we might ask

NOTE Confidence: 0.918003766666667

 $00:34:23.936 \longrightarrow 00:34:25.480$ in this case include you know,

NOTE Confidence: 0.918003766666667

 $00{:}34{:}25.480 \dashrightarrow 00{:}34{:}27.466$ how do we approach new complaints

NOTE Confidence: 0.918003766666667

 $00:34:27.466 \longrightarrow 00:34:30.028$ that may be related to cancer and

NOTE Confidence: 0.918003766666667

 $00:34:30.028 \longrightarrow 00:34:32.008$ maybe harbingers of recurrence and

 $00:34:32.008 \longrightarrow 00:34:33.640$ specifically in this situation,

NOTE Confidence: 0.918003766666667

 $00:34:33.640 \longrightarrow 00:34:35.838$ how common is recurrence in breast cancer?

NOTE Confidence: 0.908257535

00:34:40.200 --> 00:34:42.240 Thank you Brian for for

NOTE Confidence: 0.908257535

 $00:34:42.240 \longrightarrow 00:34:44.280$ for overview of that case.

NOTE Confidence: 0.908257535

 $00:34:44.280 \longrightarrow 00:34:45.944$ Hi everyone. Thank you.

NOTE Confidence: 0.908257535

00:34:45.944 --> 00:34:49.170 For joining out of your busy evening,

NOTE Confidence: 0.908257535

 $00:34:49.170 \longrightarrow 00:34:52.145$ as you heard, I've been treating breast

NOTE Confidence: 0.908257535

 $00:34:52.145 \longrightarrow 00:34:55.006$ cancer patients for a number of years and

NOTE Confidence: 0.908257535

 $00:34:55.010 \longrightarrow 00:34:58.167$ very thrilled to be speaking with you.

NOTE Confidence: 0.908257535

 $00:34:58.170 \longrightarrow 00:34:59.698$ So the question is,

NOTE Confidence: 0.908257535

 $00:34:59.698 \longrightarrow 00:35:03.079$ you know how often do you do recurrences

NOTE Confidence: 0.908257535

 $00:35:03.079 \longrightarrow 00:35:06.874$ happen in in breast cancer and we we tend

NOTE Confidence: 0.908257535

 $00:35:06.874 \longrightarrow 00:35:09.288$ to see two peaks of recurrences where

NOTE Confidence: 0.908257535

 $00{:}35{:}09.288 \dashrightarrow 00{:}35{:}11.955$ we have an early peak of recurrences.

NOTE Confidence: 0.908257535

 $00:35:11.960 \longrightarrow 00:35:13.616$ That can happen in the first

NOTE Confidence: 0.908257535

 $00:35:13.616 \longrightarrow 00:35:14.720$ three to five years.

 $00:35:14.720 \longrightarrow 00:35:16.044$ In this particular case,

NOTE Confidence: 0.908257535

 $00:35:16.044 \longrightarrow 00:35:17.037$ if you remember,

NOTE Confidence: 0.908257535

 $00:35:17.040 \longrightarrow 00:35:22.208$ she's in her 9th year and she has this

NOTE Confidence: 0.908257535

 $00:35:22.208 \longrightarrow 00:35:24.318$ hormone receptor positive breast cancer.

NOTE Confidence: 0.908257535

 $00:35:24.320 \longrightarrow 00:35:27.600$ Late recurrences can happen sometimes

NOTE Confidence: 0.908257535

 $00:35:27.600 \longrightarrow 00:35:29.898$ more than five years or sometimes

NOTE Confidence: 0.908257535

 $00:35:29.898 \longrightarrow 00:35:32.160$ decades from the initial diagnosis,

NOTE Confidence: 0.908257535

 $00:35:32.160 \longrightarrow 00:35:35.624$ and these are more common in hormone

NOTE Confidence: 0.908257535

 $00{:}35{:}35.624 \dashrightarrow 00{:}35{:}37.672$ receptor positive breast cancers

NOTE Confidence: 0.908257535

 $00:35:37.672 \longrightarrow 00:35:39.720$ where they're more favorable.

NOTE Confidence: 0.908257535

 $00:35:39.720 \longrightarrow 00:35:41.652$ But they also tend to have this

NOTE Confidence: 0.908257535

 $00:35:41.652 \longrightarrow 00:35:43.729$ period of dormancy where even if all

NOTE Confidence: 0.908257535

 $00{:}35{:}43.729 \dashrightarrow 00{:}35{:}45.517$ the right treatments have been done,

NOTE Confidence: 0.908257535

 $00:35:45.520 \longrightarrow 00:35:48.677$ patients have done all the right things,

NOTE Confidence: 0.908257535

 $00:35:48.680 \longrightarrow 00:35:50.740$ we could see recurrences that

 $00:35:50.740 \longrightarrow 00:35:52.800$ happen here down the road.

NOTE Confidence: 0.908257535

 $00{:}35{:}52.800 \dashrightarrow 00{:}35{:}57.080$ So next to the next slide,

NOTE Confidence: 0.908257535

 $00:35:57.080 \longrightarrow 00:36:00.450$ press one more time for this, yes, so.

NOTE Confidence: 0.908257535

 $00:36:00.450 \longrightarrow 00:36:05.452$ Kind of give you a little bit more about

NOTE Confidence: 0.908257535

 $00:36:05.452 \longrightarrow 00:36:08.260$ how common these late recurrences are.

NOTE Confidence: 0.908257535

00:36:08.260 --> 00:36:10.900 They're very much proportionate to the

NOTE Confidence: 0.908257535

 $00:36:10.900 \longrightarrow 00:36:13.890$ initial risk of the of the disease.

NOTE Confidence: 0.908257535

 $00:36:13.890 \longrightarrow 00:36:15.530$ In the yellow line,

NOTE Confidence: 0.908257535

00:36:15.530 --> 00:36:18.008 you see lymph node negative breast cancer,

NOTE Confidence: 0.908257535

 $00:36:18.010 \longrightarrow 00:36:20.926$ which was this particular patient's case.

NOTE Confidence: 0.908257535

 $00:36:20.930 \longrightarrow 00:36:23.476$ And as you can see, you know,

NOTE Confidence: 0.908257535

 $00:36:23.476 \longrightarrow 00:36:26.647$ five years, even up to 10 years,

NOTE Confidence: 0.908257535

00:36:26.650 --> 00:36:28.696 the rate of death from breast

NOTE Confidence: 0.908257535

 $00:36:28.696 \longrightarrow 00:36:30.410$ cancer can be quite low.

NOTE Confidence: 0.908257535

 $00:36:30.410 \longrightarrow 00:36:32.090$ However, as time passes,

NOTE Confidence: 0.908257535

 $00:36:32.090 \longrightarrow 00:36:35.235$ a proportion of these patients can actually

00:36:35.235 --> 00:36:37.965 progress to metastatic breast cancer,

NOTE Confidence: 0.908257535

 $00:36:37.970 \longrightarrow 00:36:40.394$ which is the predominant way that

NOTE Confidence: 0.908257535

 $00:36:40.394 \longrightarrow 00:36:42.650$ individuals from breast cancer actually.

NOTE Confidence: 0.908257535

 $00:36:42.650 \longrightarrow 00:36:43.642$ Die from breast cancer.

NOTE Confidence: 0.908257535

00:36:43.642 --> 00:36:45.130 It's not from early stage disease,

NOTE Confidence: 0.908257535

 $00:36:45.130 \longrightarrow 00:36:47.330$ it's from metastatic breast cancer.

NOTE Confidence: 0.908257535

 $00:36:47.330 \longrightarrow 00:36:51.210$ In the blue and red lines you can see how

NOTE Confidence: 0.908257535

00:36:51.210 --> 00:36:53.849 patients who have higher stages of disease,

NOTE Confidence: 0.908257535

 $00{:}36{:}53.850 \dashrightarrow 00{:}36{:}56.110$ lymph node positive disease,

NOTE Confidence: 0.908257535

 $00:36:56.110 \longrightarrow 00:37:00.250$ then the curves are very steeply rising.

NOTE Confidence: 0.908257535

 $00:37:00.250 \longrightarrow 00:37:01.436$ For example,

NOTE Confidence: 0.908257535

 $00:37:01.436 \dashrightarrow 00:37:05.362$ half of the patients who who had a

NOTE Confidence: 0.908257535

 $00{:}37{:}05.362 \dashrightarrow 00{:}37{:}07.690$ number of lungs not positive disease,

NOTE Confidence: 0.908257535

 $00:37:07.690 \longrightarrow 00:37:11.314$ this would fall into the stage 3 category.

NOTE Confidence: 0.908257535

00:37:11.320 --> 00:37:13.105 Can potentially recur,

 $00:37:13.105 \longrightarrow 00:37:15.485$ sometimes several decades after

NOTE Confidence: 0.908257535

 $00{:}37{:}15.485 {\: -->\:} 00{:}37{:}16.675$ initial diagnosis.

NOTE Confidence: 0.908257535

 $00:37:16.680 \longrightarrow 00:37:20.250$ So when we see those media campaigns

NOTE Confidence: 0.908257535

 $00:37:20.250 \longrightarrow 00:37:23.396$ saying breast cancer caught early is

NOTE Confidence: 0.908257535

 $00:37:23.396 \longrightarrow 00:37:26.180$ a curable disease, it absolutely is.

NOTE Confidence: 0.908257535

 $00:37:26.180 \longrightarrow 00:37:29.753$ But a lot of those fear statistics and

NOTE Confidence: 0.908257535

 $00{:}37{:}29.753 \dashrightarrow 00{:}37{:}32.498$ American Cancer Society statistics are

NOTE Confidence: 0.908257535

 $00:37:32.498 \longrightarrow 00:37:35.669$ geared toward these first five years.

NOTE Confidence: 0.908257535

00:37:35.670 --> 00:37:36.642 However, what what,

NOTE Confidence: 0.908257535

 $00:37:36.642 \longrightarrow 00:37:39.373$ what our data are not showing is what

NOTE Confidence: 0.908257535

 $00{:}37{:}39.373 \dashrightarrow 00{:}37{:}41.348$ can happen several decades later.

NOTE Confidence: 0.908257535

 $00:37:41.350 \longrightarrow 00:37:43.681$ So it can be actually quite hard

NOTE Confidence: 0.908257535

 $00:37:43.681 \longrightarrow 00:37:45.334$ for patients because the campaign

NOTE Confidence: 0.908257535

 $00{:}37{:}45.334 \dashrightarrow 00{:}37{:}47.630$ has been just do what you're told,

NOTE Confidence: 0.908257535

 $00:37:47.630 \longrightarrow 00:37:49.388$ get your mammogram, get your treatments.

NOTE Confidence: 0.908257535

 $00:37:49.390 \longrightarrow 00:37:51.430$ And this is curable and treatable.

 $00:37:51.430 \longrightarrow 00:37:53.110$ And when these recurrences happen,

NOTE Confidence: 0.908257535

 $00:37:53.110 \longrightarrow 00:37:55.614$ it can be extremely

NOTE Confidence: 0.908257535

 $00:37:55.614 \longrightarrow 00:37:56.866$ psychologically traumatic.

NOTE Confidence: 0.908257535

 $00:37:56.870 \longrightarrow 00:37:57.989$ So next slide.

NOTE Confidence: 0.9402536

 $00:38:00.040 \longrightarrow 00:38:01.640$ So this patient, you know,

NOTE Confidence: 0.9402536

 $00:38:01.640 \longrightarrow 00:38:03.280$ had had some back pain.

NOTE Confidence: 0.9402536

 $00:38:03.280 \longrightarrow 00:38:04.756$ This is your bread and butter.

NOTE Confidence: 0.9402536

 $00:38:04.760 \longrightarrow 00:38:06.920$ You see, I'm sure multiple patients

NOTE Confidence: 0.9402536

 $00:38:06.920 \longrightarrow 00:38:09.358$ during the day present with back pain.

NOTE Confidence: 0.9402536

 $00:38:09.360 \longrightarrow 00:38:12.720$ And in no way are we suggesting that

NOTE Confidence: 0.9402536

 $00:38:12.720 \longrightarrow 00:38:14.580$ just because she has this distant

NOTE Confidence: 0.9402536

00:38:14.580 --> 00:38:17.856 history of breast cancer that you

NOTE Confidence: 0.9402536

 $00{:}38{:}17.856 \dashrightarrow 00{:}38{:}20.492$ necessarily deviate from your standard

NOTE Confidence: 0.9402536

 $00:38:20.492 \longrightarrow 00:38:22.957$ algorithmic workup and your good

NOTE Confidence: 0.9402536

 $00:38:22.957 \longrightarrow 00:38:25.183$ clinical judgment of having taken

 $00:38:25.183 \longrightarrow 00:38:27.661$ care of patients for many years.

NOTE Confidence: 0.9402536

 $00:38:27.670 \longrightarrow 00:38:30.226$ But, but just I think the point of this

NOTE Confidence: 0.9402536

00:38:30.226 --> 00:38:32.414 case is that that you know that this,

NOTE Confidence: 0.9402536

 $00:38:32.414 \longrightarrow 00:38:33.744$ this history of breast cancer,

NOTE Confidence: 0.9402536

00:38:33.750 --> 00:38:36.186 even though it's almost nine years

NOTE Confidence: 0.9402536

 $00:38:36.190 \longrightarrow 00:38:38.871$ does raise the suspicion that it could

NOTE Confidence: 0.9402536

 $00:38:38.871 \longrightarrow 00:38:40.788$ possibly be related to metastatic

NOTE Confidence: 0.9402536

 $00{:}38{:}40.788 \dashrightarrow 00{:}38{:}43.238$ breast cancer and to at least have

NOTE Confidence: 0.9402536

 $00:38:43.238 \longrightarrow 00:38:46.430$ that on the differential and an

NOTE Confidence: 0.9402536

00:38:46.430 --> 00:38:49.637 unexplained pain that doesn't go away.

NOTE Confidence: 0.9402536

 $00{:}38{:}49.637 \longrightarrow 00{:}38{:}52.289$ So let's say you do all your good

NOTE Confidence: 0.9402536

 $00:38:52.289 \longrightarrow 00:38:54.803$ primary care work up and conservative

NOTE Confidence: 0.9402536

 $00:38:54.803 \longrightarrow 00:38:57.090$ measures and she's not improving.

NOTE Confidence: 0.9402536

 $00:38:57.090 \longrightarrow 00:38:58.842$ I think what we would like to avoid

NOTE Confidence: 0.9402536

00:38:58.842 --> 00:39:00.330 for patients with with for example,

NOTE Confidence: 0.9402536

 $00:39:00.330 \longrightarrow 00:39:03.207$ this type of history is to perhaps

 $00:39:03.210 \longrightarrow 00:39:04.470$ raise that index of suspicion

NOTE Confidence: 0.9402536

 $00:39:04.470 \longrightarrow 00:39:05.730$ a little sooner or so,

NOTE Confidence: 0.9402536

 $00:39:05.730 \longrightarrow 00:39:07.458$ so that they would get a little bit of

NOTE Confidence: 0.9402536

00:39:07.458 --> 00:39:09.484 a closer work up sooner than a patient,

NOTE Confidence: 0.9402536

 $00:39:09.490 \longrightarrow 00:39:11.730$ let's say without a history of breast cancer.

NOTE Confidence: 0.9402536

 $00:39:11.730 \longrightarrow 00:39:14.242$ So pain is the one of the most

NOTE Confidence: 0.9402536

 $00:39:14.242 \longrightarrow 00:39:15.735$ common presentation of these

NOTE Confidence: 0.9402536

00:39:15.735 --> 00:39:17.327 types of distant recurrences,

NOTE Confidence: 0.9402536

00:39:17.330 --> 00:39:18.802 I tell my patients.

NOTE Confidence: 0.9402536

00:39:18.802 --> 00:39:19.906 As a human,

NOTE Confidence: 0.9402536

 $00:39:19.910 \longrightarrow 00:39:21.790$ you are going to have aches and pains.

NOTE Confidence: 0.9402536

00:39:21.790 --> 00:39:23.308 You're going to have back pain,

NOTE Confidence: 0.9402536

00:39:23.310 --> 00:39:24.666 you're going to have shoulder pain

NOTE Confidence: 0.9402536

 $00:39:24.666 \longrightarrow 00:39:25.344$ and knee pain.

NOTE Confidence: 0.9402536

00:39:25.350 --> 00:39:28.470 Not every sign of pain is a sign of cancer,

 $00:39:28.470 \longrightarrow 00:39:30.125$ but if something is persisting

NOTE Confidence: 0.9402536

 $00{:}39{:}30.125 --> 00{:}39{:}31.780$ and not responding to these

NOTE Confidence: 0.9402536

 $00:39:31.838 \longrightarrow 00:39:33.548$ conservative measure measures,

NOTE Confidence: 0.9402536

 $00:39:33.550 \longrightarrow 00:39:35.345$ then then these patients should

NOTE Confidence: 0.9402536

 $00:39:35.345 \longrightarrow 00:39:37.140$ be absolutely worked up more.

NOTE Confidence: 0.9402536

00:39:37.140 --> 00:39:39.611 Shortness of breath and cough are also

NOTE Confidence: 0.9402536

 $00:39:39.611 \longrightarrow 00:39:42.260$ another more common presentation where again,

NOTE Confidence: 0.9402536

00:39:42.260 --> 00:39:44.535 you know people are going to cough,

NOTE Confidence: 0.9402536

 $00{:}39{:}44.540 \dashrightarrow 00{:}39{:}46.748$ but if it's just not going away and

NOTE Confidence: 0.9402536

 $00:39:46.748 \longrightarrow 00:39:48.711$ lingering that that raises the suspicion

NOTE Confidence: 0.9402536

 $00{:}39{:}48.711 \dashrightarrow 00{:}39{:}50.733$ that something more should be done.

NOTE Confidence: 0.9402536

 $00:39:50.740 \longrightarrow 00:39:52.618$ A vague abdominal pain can sometimes

NOTE Confidence: 0.9402536

 $00:39:52.618 \longrightarrow 00:39:55.288$ be be one of the initial presentation

NOTE Confidence: 0.9402536

00:39:55.288 --> 00:39:57.976 of liver metastases and breast cancer,

NOTE Confidence: 0.9402536

 $00:39:57.980 \longrightarrow 00:40:02.489$ and in the red box is this very general.

NOTE Confidence: 0.9402536

 $00{:}40{:}02.490 \dashrightarrow 00{:}40{:}04.090$ Description that I also share

 $00:40:04.090 \longrightarrow 00:40:05.050$ with my patient,

NOTE Confidence: 0.9402536

 $00:40:05.050 \longrightarrow 00:40:07.842$ which is that any symptom that you're worried

NOTE Confidence: 0.9402536

 $00:40:07.842 \longrightarrow 00:40:10.290$ about that cannot be easily explained.

NOTE Confidence: 0.9402536

 $00:40:10.290 \longrightarrow 00:40:12.394$ I think we want to at least have

NOTE Confidence: 0.9402536

 $00:40:12.394 \longrightarrow 00:40:14.607$ have have our index of suspicion up.

NOTE Confidence: 0.9402536

 $00:40:14.610 \longrightarrow 00:40:14.850$ Thanks.

NOTE Confidence: 0.93943879

00:40:16.890 --> 00:40:19.725 And you know it's this partnership that

NOTE Confidence: 0.93943879

00:40:19.725 --> 00:40:22.279 the theme that we've been focusing

NOTE Confidence: 0.93943879

 $00:40:22.279 \longrightarrow 00:40:25.219$ on and we're so grateful that you're

NOTE Confidence: 0.93943879

 $00{:}40{:}25.297 \dashrightarrow 00{:}40{:}28.146$ here so we can have this conversation.

NOTE Confidence: 0.93943879

 $00{:}40{:}28.150 \dashrightarrow 00{:}40{:}30.634$ Patients often feel very lost in

NOTE Confidence: 0.93943879

 $00:40:30.634 \longrightarrow 00:40:32.971$ these junctures where they they

NOTE Confidence: 0.93943879

 $00{:}40{:}32.971 --> 00{:}40{:}35.387$ kind of don't know who to turn to

NOTE Confidence: 0.93943879

 $00:40:35.390 \longrightarrow 00:40:37.883$ and as much as we can do to show

NOTE Confidence: 0.93943879

 $00:40:37.883 \longrightarrow 00:40:40.268$ that we're partners that we are,

 $00:40:40.270 \longrightarrow 00:40:42.484$ I think it can be so helpful in terms

NOTE Confidence: 0.93943879

 $00:40:42.484 \longrightarrow 00:40:45.090$ of the anxiety and I apologize in a

NOTE Confidence: 0.93943879

00:40:45.090 --> 00:40:47.254 public setting, sorry for the background.

NOTE Confidence: 0.93943879

 $00:40:47.254 \longrightarrow 00:40:49.878$ So, so just the idea of this that we

NOTE Confidence: 0.93943879

 $00:40:49.878 \longrightarrow 00:40:51.936$ are triad together, working together

NOTE Confidence: 0.93943879

 $00:40:51.936 \longrightarrow 00:40:54.827$ to to to expedite the work up,

NOTE Confidence: 0.93943879

 $00:40:54.830 \longrightarrow 00:40:56.545$ these are the things that are really,

NOTE Confidence: 0.93943879

 $00:40:56.550 \longrightarrow 00:40:57.642$ really important.

NOTE Confidence: 0.93943879

 $00{:}40{:}57.642 --> 00{:}40{:}59.826$ To patients next slide.

NOTE Confidence: 0.93943879

00:40:59.830 --> 00:41:02.435 And so just reemphasizing that

NOTE Confidence: 0.93943879

 $00:41:02.435 \longrightarrow 00:41:05.590$ this is a super vulnerable time.

NOTE Confidence: 0.93943879

 $00:41:05.590 \longrightarrow 00:41:08.950$ There are often a feeling of betrayal.

NOTE Confidence: 0.93943879

 $00:41:08.950 \longrightarrow 00:41:11.645$ There can be even some anger toward

NOTE Confidence: 0.93943879

 $00{:}41{:}11.645 \dashrightarrow 00{:}41{:}13.293$ the original oncologist that

NOTE Confidence: 0.93943879

 $00:41:13.293 \longrightarrow 00:41:15.383$ diagnose them because we celebrated

NOTE Confidence: 0.93943879

 $00{:}41{:}15.383 \dashrightarrow 00{:}41{:}17.649$ that they're cured with them we.

 $00:41:17.650 \longrightarrow 00:41:19.540$ There's a sense of why wasn't

NOTE Confidence: 0.93943879

 $00:41:19.540 \longrightarrow 00:41:20.485$ this found earlier.

NOTE Confidence: 0.93943879

00:41:20.490 --> 00:41:22.434 I went to my PCP and I complained

NOTE Confidence: 0.93943879

 $00:41:22.434 \longrightarrow 00:41:23.808$ about this two months ago.

NOTE Confidence: 0.93943879

 $00:41:23.810 \longrightarrow 00:41:25.010$ Why wasn't this worked up?

NOTE Confidence: 0.93943879

 $00:41:25.010 \longrightarrow 00:41:27.116$ So these are not that anybody

NOTE Confidence: 0.93943879

00:41:27.116 --> 00:41:28.169 did anything wrong,

NOTE Confidence: 0.93943879

 $00:41:28.170 \longrightarrow 00:41:30.970$ but I think it's that time of

NOTE Confidence: 0.93943879

 $00:41:30.970 \longrightarrow 00:41:32.930$ vulnerability for these patients.

NOTE Confidence: 0.93943879

 $00{:}41{:}32.930 \dashrightarrow 00{:}41{:}36.014$ Obviously healthcare systems are

NOTE Confidence: 0.93943879

 $00{:}41{:}36.014 \dashrightarrow 00{:}41{:}39.581$ very complicated and it it takes

NOTE Confidence: 0.93943879

 $00:41:39.581 \longrightarrow 00:41:41.249$ time to schedule testing.

NOTE Confidence: 0.93943879

 $00{:}41{:}41.250 \dashrightarrow 00{:}41{:}42.594$ We completely understand that.

NOTE Confidence: 0.93943879

 $00:41:42.594 \longrightarrow 00:41:45.428$ But just just all of us being really

NOTE Confidence: 0.93943879

00:41:45.428 --> 00:41:47.672 cognizant that given half five anxiety

 $00:41:47.672 \longrightarrow 00:41:50.084$ state is for these patients when

NOTE Confidence: 0.93943879

 $00:41:50.084 \longrightarrow 00:41:52.092$ they're worried about potential recurrence.

NOTE Confidence: 0.93943879

 $00:41:52.092 \longrightarrow 00:41:54.899$ Anything we can do to even move

NOTE Confidence: 0.93943879

 $00:41:54.899 \longrightarrow 00:41:57.345$ things up by a day or two really goes

NOTE Confidence: 0.93943879

00:41:57.345 --> 00:41:59.690 a long way in terms of rebuilding

NOTE Confidence: 0.93943879

 $00:41:59.690 \longrightarrow 00:42:01.650$ trust within the healthcare system

NOTE Confidence: 0.93943879

 $00:42:01.650 \longrightarrow 00:42:04.050$ and making making them feel heard.

NOTE Confidence: 0.93943879

 $00:42:04.050 \longrightarrow 00:42:06.610$ And the last point I've already said,

NOTE Confidence: 0.93943879

 $00{:}42{:}06.610 \dashrightarrow 00{:}42{:}08.530$ but it's really important to repeat

NOTE Confidence: 0.93943879

 $00:42:08.530 \longrightarrow 00:42:10.862$ it which is the more we communicate

NOTE Confidence: 0.93943879

 $00{:}42{:}10.862 \dashrightarrow 00{:}42{:}13.530$ with one another as as a primary care.

NOTE Confidence: 0.93943879

00:42:13.530 --> 00:42:14.946 Writers and oncologists,

NOTE Confidence: 0.93943879

00:42:14.946 --> 00:42:18.250 it is so absolutely reassuring to patients,

NOTE Confidence: 0.93943879 00:42:18.250 --> 00:42:18.591 so,

NOTE Confidence: 0.93943879

00:42:18.591 --> 00:42:21.319 so in this particular case it may have

NOTE Confidence: 0.93943879

 $00{:}42{:}21.319 \dashrightarrow 00{:}42{:}24.015$ been a bread and butter musculoskeletal

 $00{:}42{:}24.015 \dashrightarrow 00{:}42{:}28.210$ back pain or maybe something else,

NOTE Confidence: 0.93943879

00:42:28.210 --> 00:42:30.730 but but bone metastases are actually

NOTE Confidence: 0.93943879

 $00:42:30.730 \longrightarrow 00:42:33.466$ the most common presentation of receptor

NOTE Confidence: 0.93943879

 $00:42:33.466 \longrightarrow 00:42:35.446$ positive breast cancer metastases.

NOTE Confidence: 0.93943879

 $00:42:35.450 \longrightarrow 00:42:37.850$ So we wanted to.

NOTE Confidence: 0.93943879

 $00:42:37.850 \longrightarrow 00:42:40.415$ Kind of highlight that as as one

NOTE Confidence: 0.93943879

 $00:42:40.415 \longrightarrow 00:42:41.840$ of the more common presentations

NOTE Confidence: 0.93943879

 $00{:}42{:}41.840 \dashrightarrow 00{:}42{:}43.609$ of test suites for this group.

NOTE Confidence: 0.950317

00:42:50.110 --> 00:42:51.265 Thank you Doctor Lustberg and

NOTE Confidence: 0.950317

 $00:42:51.265 \longrightarrow 00:42:52.790$ thanks for joining from the airport.

NOTE Confidence: 0.950317

 $00{:}42{:}52.790 \dashrightarrow 00{:}42{:}55.429$ I know that it's really over and

NOTE Confidence: 0.950317

 $00:42:55.429 \longrightarrow 00:42:57.636$ above it's one other note that I just

NOTE Confidence: 0.950317

 $00{:}42{:}57.636 \to 00{:}42{:}59.245$ wanted to make about this particular

NOTE Confidence: 0.950317

00:42:59.245 --> 00:43:01.296 case is you know this patient really

NOTE Confidence: 0.950317

 $00:43:01.296 \longrightarrow 00:43:03.053$ took the heart the recommendations

 $00:43:03.053 \longrightarrow 00:43:05.426$ around self-care she know at the

NOTE Confidence: 0.950317

 $00{:}43{:}05.426 \dashrightarrow 00{:}43{:}08.294$ time of her diagnosis she really.

NOTE Confidence: 0.950317

 $00:43:08.300 \longrightarrow 00:43:10.670$ Let's just say made some very

NOTE Confidence: 0.950317

 $00:43:10.670 \longrightarrow 00:43:12.749$ appropriate and long lasting lifestyle

NOTE Confidence: 0.950317

00:43:12.749 --> 00:43:14.894 adjustments and those do impact

NOTE Confidence: 0.950317

00:43:14.894 --> 00:43:17.429 like longer term risk of recurrence

NOTE Confidence: 0.950317

 $00:43:17.429 \longrightarrow 00:43:20.633$ and also risk of other health

NOTE Confidence: 0.950317

 $00:43:20.633 \longrightarrow 00:43:23.498$ conditions and other primary cancers.

NOTE Confidence: 0.950317

 $00{:}43{:}23.500 \dashrightarrow 00{:}43{:}26.911$ So case 3, this is lung cancer and a

NOTE Confidence: 0.950317

00:43:26.911 --> 00:43:29.908 video visit an 85 year old female.

NOTE Confidence: 0.950317

 $00{:}43{:}29.910 \dashrightarrow 00{:}43{:}32.030$ Without a significant past medical

NOTE Confidence: 0.950317

00:43:32.030 --> 00:43:34.937 history that was diagnosed in 2019 with

NOTE Confidence: 0.950317

 $00{:}43{:}34.937 \dashrightarrow 00{:}43{:}37.443$ a non small cell a denocarcinoma of the

NOTE Confidence: 0.950317

 $00:43:37.443 \longrightarrow 00:43:40.389$ right lung that was metastatic to her brain.

NOTE Confidence: 0.950317

 $00:43:40.390 \longrightarrow 00:43:43.071$ So she was enrolled in the clinical

NOTE Confidence: 0.950317

 $00:43:43.071 \longrightarrow 00:43:46.349$ trial in November of that year with

 $00:43:46.349 \longrightarrow 00:43:48.401$ pembrolizumab plus bevacisumab for

NOTE Confidence: 0.950317

00:43:48.401 --> 00:43:50.638 asymptomatic brain metastases 4

NOTE Confidence: 0.950317

 $00:43:50.638 \longrightarrow 00:43:52.678$ cycles of the combination followed

NOTE Confidence: 0.950317

 $00:43:52.678 \longrightarrow 00:43:54.310$ by pimbolism and monotherapy.

NOTE Confidence: 0.950317

 $00{:}43{:}54.310 \dashrightarrow 00{:}43{:}57.126$ She completed a total of 34 cycles every

NOTE Confidence: 0.950317

 $00:43:57.126 \longrightarrow 00:44:00.000$ three weeks which was tolerated quite well.

NOTE Confidence: 0.950317

 $00:44:00.000 \longrightarrow 00:44:01.352$ And responded very well.

NOTE Confidence: 0.950317

00:44:01.352 --> 00:44:03.814 And she's been followed by oncology since

NOTE Confidence: 0.950317

 $00:44:03.814 \longrightarrow 00:44:06.040$ that time without evidence of recurrence

NOTE Confidence: 0.950317

 $00{:}44{:}06.040 \dashrightarrow 00{:}44{:}09.358$ and still remains in good health.

NOTE Confidence: 0.950317

 $00:44:09.360 \longrightarrow 00:44:10.236$ And go to the next slide.

NOTE Confidence: 0.950317

 $00:44:10.240 \longrightarrow 00:44:12.648$ So she presents today for a video

NOTE Confidence: 0.950317

00:44:12.648 --> 00:44:14.472 visit complaining of nausea and

NOTE Confidence: 0.950317

00:44:14.472 --> 00:44:15.916 vomiting for five days.

NOTE Confidence: 0.950317

 $00:44:15.920 \longrightarrow 00:44:17.385$ She's been having a hard

 $00:44:17.385 \longrightarrow 00:44:18.557$ time keeping food down.

NOTE Confidence: 0.950317

 $00:44:18.560 \longrightarrow 00:44:20.780$ She tested herself at home

NOTE Confidence: 0.950317

 $00:44:20.780 \longrightarrow 00:44:23.000$ and was positive for COVID.

NOTE Confidence: 0.950317

00:44:23.000 --> 00:44:25.765 So she continues to have nausea currently

NOTE Confidence: 0.950317

 $00:44:25.765 \longrightarrow 00:44:28.904$ and is able to keep sips of water down.

NOTE Confidence: 0.950317

00:44:28.910 --> 00:44:30.896 But she's not complaining of any

NOTE Confidence: 0.950317

00:44:30.896 --> 00:44:32.830 other symptoms relatable to the COVID,

NOTE Confidence: 0.950317

 $00:44:32.830 \longrightarrow 00:44:34.406$ such as congestion, cough,

NOTE Confidence: 0.950317

 $00:44:34.406 \longrightarrow 00:44:35.588$ shortness of breath.

NOTE Confidence: 0.950317

00:44:35.590 --> 00:44:38.822 She does feel achy all over and chilled,

NOTE Confidence: 0.950317

 $00:44:38.822 \longrightarrow 00:44:40.550$ but no fever.

NOTE Confidence: 0.950317

 $00:44:40.550 \longrightarrow 00:44:41.934$ Her physical exam limited,

NOTE Confidence: 0.950317

00:44:41.934 --> 00:44:44.050 of course, by the video visit,

NOTE Confidence: 0.950317

00:44:44.050 --> 00:44:45.825 but she appears mildly ill,

NOTE Confidence: 0.950317

 $00:44:45.830 \longrightarrow 00:44:47.130$ but not emergently ill.

NOTE Confidence: 0.950317

00:44:47.130 --> 00:44:49.080 She's alert and oriented and answers

 $00:44:49.134 \longrightarrow 00:44:51.029$ all of our questions appropriately.

NOTE Confidence: 0.950317

 $00{:}44{:}51.030 \dashrightarrow 00{:}44{:}52.990$ She doesn't appear to be short of breath,

NOTE Confidence: 0.950317

00:44:52.990 --> 00:44:54.310 speaking in complete sentences,

NOTE Confidence: 0.950317

00:44:54.310 --> 00:44:56.850 and there's no cough noted during her visit.

NOTE Confidence: 0.950317

 $00:44:56.850 \longrightarrow 00:44:58.710$ Her mucous membrane, she sticks out

NOTE Confidence: 0.950317

 $00:44:58.710 \longrightarrow 00:45:00.929$ her tongue and her tongue is moist.

NOTE Confidence: 0.950317

 $00:45:00.930 \longrightarrow 00:45:03.394$ So that's good news.

NOTE Confidence: 0.950317

 $00{:}45{:}03.394 \dashrightarrow 00{:}45{:}06.607$ So a few questions related to this case.

NOTE Confidence: 0.950317

 $00{:}45{:}06.610 \dashrightarrow 00{:}45{:}08.997$ How do we monitor patients that are

NOTE Confidence: 0.950317

00:45:08.997 --> 00:45:11.403 very high risk for recurrence and

NOTE Confidence: 0.950317

 $00{:}45{:}11.403 \dashrightarrow 00{:}45{:}13.874$ how do we approach patients with an

NOTE Confidence: 0.950317

 $00:45:13.874 \longrightarrow 00:45:16.550$ acute illness that have a higher risk

NOTE Confidence: 0.950317

 $00:45:16.550 \longrightarrow 00:45:18.450$ of complications of that illness?

NOTE Confidence: 0.950317

00:45:18.450 --> 00:45:19.500 And then finally,

NOTE Confidence: 0.950317

 $00:45:19.500 \longrightarrow 00:45:21.600$ what other options are there for

 $00:45:21.600 \longrightarrow 00:45:24.087$ patients to address survivorship in general?

NOTE Confidence: 0.916150095

 $00{:}45{:}27.380 \to 00{:}45{:}29.000$ Thank you, Brian.

NOTE Confidence: 0.916150095

 $00:45:29.000 \longrightarrow 00:45:32.400$ So this case was selected to really

NOTE Confidence: 0.916150095

 $00:45:32.400 \longrightarrow 00:45:35.070$ highlight a few important points which

NOTE Confidence: 0.916150095

 $00:45:35.149 \longrightarrow 00:45:38.352$ is that advances in cancer treatment,

NOTE Confidence: 0.916150095

 $00:45:38.352 \longrightarrow 00:45:40.262$ particularly immunotherapy have

NOTE Confidence: 0.916150095

 $00:45:40.262 \longrightarrow 00:45:41.948$ dramatically improved survivorship

NOTE Confidence: 0.916150095

00:45:41.948 --> 00:45:44.758 outcomes in patients with lung

NOTE Confidence: 0.916150095

 $00:45:44.758 \longrightarrow 00:45:46.859$ cancer as well as Melanoma.

NOTE Confidence: 0.916150095

 $00:45:46.860 \longrightarrow 00:45:49.020$ So, so now we're seeing.

NOTE Confidence: 0.916150095

 $00:45:49.020 \longrightarrow 00:45:52.158$ Longterm survivors of these very serious

NOTE Confidence: 0.916150095

00:45:52.158 --> 00:45:55.220 malignancies who who are doing well,

NOTE Confidence: 0.916150095

 $00:45:55.220 \longrightarrow 00:45:57.458$ but they may have some complications

NOTE Confidence: 0.916150095

 $00{:}45{:}57.458 \dashrightarrow 00{:}46{:}00.310$ related to the to the original cancer

NOTE Confidence: 0.916150095

 $00:46:00.310 \longrightarrow 00:46:02.890$ diagnosis or or to their treatments.

NOTE Confidence: 0.916150095

 $00:46:02.890 \longrightarrow 00:46:05.550$ So patients who are higher risk and

00:46:05.550 --> 00:46:08.330 have known metastatic disease typically

NOTE Confidence: 0.916150095

 $00{:}46{:}08.330 \to 00{:}46{:}11.930$ depending on the type of malignancy,

NOTE Confidence: 0.916150095

 $00:46:11.930 \longrightarrow 00:46:14.374$ they are routinely followed

NOTE Confidence: 0.916150095

 $00:46:14.374 \longrightarrow 00:46:16.738$ with serial scans and so.

NOTE Confidence: 0.916150095

 $00:46:16.738 \longrightarrow 00:46:18.322$ So in this particular case patient

NOTE Confidence: 0.916150095

 $00:46:18.322 \longrightarrow 00:46:20.364$ had a known brain metastasis where

NOTE Confidence: 0.916150095

 $00:46:20.364 \longrightarrow 00:46:22.542$ her brain would be serially monitored

NOTE Confidence: 0.916150095

 $00:46:22.606 \longrightarrow 00:46:24.370$ and her body would be monitored.

NOTE Confidence: 0.916150095

 $00:46:24.370 \longrightarrow 00:46:26.002$ In other malignancies.

NOTE Confidence: 0.916150095

 $00:46:26.002 \longrightarrow 00:46:29.266$ Other types of surveillance modalities may

NOTE Confidence: 0.916150095

 $00:46:29.266 \longrightarrow 00:46:32.930$ be used such as bone scans and PET scans.

NOTE Confidence: 0.916150095

 $00:46:32.930 \longrightarrow 00:46:35.835$ You're going to see in your practice

NOTE Confidence: 0.916150095

 $00:46:35.835 \longrightarrow 00:46:37.523$ patients being surveillanced differently

NOTE Confidence: 0.916150095

 $00:46:37.523 \longrightarrow 00:46:40.590$ based on their type of cancer and where

NOTE Confidence: 0.916150095

 $00:46:40.590 \longrightarrow 00:46:43.680$ they are in their disease course and.

 $00:46:43.680 \longrightarrow 00:46:46.200$ In terms of symptoms,

NOTE Confidence: 0.916150095

 $00:46:46.200 \longrightarrow 00:46:46.882$ so, so,

NOTE Confidence: 0.916150095

 $00:46:46.882 \longrightarrow 00:46:48.928$ so often these patients with more

NOTE Confidence: 0.916150095

 $00:46:48.928 \longrightarrow 00:46:50.675$ advanced illness may get additional

NOTE Confidence: 0.916150095

 $00:46:50.675 \longrightarrow 00:46:52.673$ scans based on the new symptoms.

NOTE Confidence: 0.916150095

00:46:52.680 --> 00:46:53.604 So for example,

NOTE Confidence: 0.916150095

00:46:53.604 --> 00:46:55.760 a breast patient who may not be

NOTE Confidence: 0.916150095

00:46:55.834 --> 00:46:58.864 normally getting brain Mri's if she's

NOTE Confidence: 0.916150095

 $00{:}46{:}58.864 \dashrightarrow 00{:}47{:}01.504$ suddenly reporting a headache that

NOTE Confidence: 0.916150095

 $00:47:01.504 \longrightarrow 00:47:03.576$ may necessitate additional imaging.

NOTE Confidence: 0.916150095

00:47:03.576 --> 00:47:06.624 Patient preference partially weighs in in

NOTE Confidence: 0.916150095

 $00:47:06.624 \longrightarrow 00:47:09.970$ terms of her surveillance some patients.

NOTE Confidence: 0.916150095

 $00:47:09.970 \longrightarrow 00:47:12.304$ Really are extremely anxious and about

NOTE Confidence: 0.916150095

 $00:47:12.304 \longrightarrow 00:47:15.387$ scans and if they've been stable for a

NOTE Confidence: 0.916150095

00:47:15.387 --> 00:47:17.565 very long time with advanced disease,

NOTE Confidence: 0.916150095

 $00:47:17.570 \longrightarrow 00:47:19.390$ we may actually lower the

 $00:47:19.390 \longrightarrow 00:47:20.846$ frequency of the scans.

NOTE Confidence: 0.916150095

 $00:47:20.850 \longrightarrow 00:47:23.090$ And then there are some patients who are

NOTE Confidence: 0.916150095

 $00:47:23.090 \longrightarrow 00:47:25.522$ be reassured on scans or if they're on

NOTE Confidence: 0.916150095

00:47:25.522 --> 00:47:27.610 a clinical trial that may necessitate

NOTE Confidence: 0.916150095

00:47:27.610 --> 00:47:29.850 additional scan frequency next,

NOTE Confidence: 0.94276945

 $00:47:33.330 \longrightarrow 00:47:35.730$ is it moving forward?

NOTE Confidence: 0.94276945

00:47:35.730 --> 00:47:38.964 And so with with our newer treatments,

NOTE Confidence: 0.94276945

 $00{:}47{:}38.970 \dashrightarrow 00{:}47{:}41.427$ a lot of these patients with more

NOTE Confidence: 0.94276945

 $00:47:41.427 \longrightarrow 00:47:43.364$ advanced disease and reemphasizing the

NOTE Confidence: 0.94276945

 $00:47:43.364 \longrightarrow 00:47:46.385$ point made by doctor staff is that the

NOTE Confidence: 0.94276945

 $00:47:46.385 \longrightarrow 00:47:48.660$ definition of a survivor does not exclude

NOTE Confidence: 0.94276945

 $00:47:48.722 \longrightarrow 00:47:50.927$ patients with more advanced illness.

NOTE Confidence: 0.94276945

 $00:47:50.930 \longrightarrow 00:47:52.945$ So they're all survivors from

NOTE Confidence: 0.94276945

 $00{:}47{:}52.945 \dashrightarrow 00{:}47{:}54.960$ day one of diagnosis throughout

NOTE Confidence: 0.94276945

 $00:47:55.030 \longrightarrow 00:47:56.750$ the balance of their life.

 $00:47:56.750 \longrightarrow 00:47:58.862$ So so but they may be on ongoing

NOTE Confidence: 0.94276945

 $00{:}47{:}58.862 \dashrightarrow 00{:}48{:}00.326$ treatment and the checkpoint

NOTE Confidence: 0.94276945

 $00{:}48{:}00.326 \dashrightarrow 00{:}48{:}02.511$ inhibitors which are the predominant

NOTE Confidence: 0.94276945

 $00:48:02.511 \longrightarrow 00:48:04.478$ immunotherapy costs that we're using

NOTE Confidence: 0.94276945

 $00:48:04.478 \longrightarrow 00:48:06.571$ in a range of malignancies can have

NOTE Confidence: 0.94276945

 $00{:}48{:}06.571 \dashrightarrow 00{:}48{:}10.070$ many types of immune related cities

NOTE Confidence: 0.94276945

00:48:10.070 --> 00:48:12.440 and they may present your primary

NOTE Confidence: 0.94276945

 $00:48:12.440 \longrightarrow 00:48:15.090$ care office with symptoms that.

NOTE Confidence: 0.94276945

 $00:48:15.090 \longrightarrow 00:48:18.093$ You'll be kind of wondering is this

NOTE Confidence: 0.94276945

00:48:18.093 --> 00:48:20.868 an immune related toxicity or is it

NOTE Confidence: 0.94276945

 $00{:}48{:}20.868 \dashrightarrow 00{:}48{:}23.015$ a common that just just a regular

NOTE Confidence: 0.94276945

 $00:48:23.015 \longrightarrow 00:48:25.130$ old symptom that may be unrelated.

NOTE Confidence: 0.94276945

 $00:48:25.130 \longrightarrow 00:48:27.290$ So these are the challenges that we all face.

NOTE Confidence: 0.94276945

00:48:27.290 --> 00:48:28.610 Is it related to cancer,

NOTE Confidence: 0.94276945

 $00:48:28.610 \longrightarrow 00:48:30.500$ is it related to cancer treatment

NOTE Confidence: 0.94276945

 $00:48:30.500 \longrightarrow 00:48:32.130$ or is it something else?

 $00:48:32.130 \longrightarrow 00:48:35.018$ There's also a range of oral targeted

NOTE Confidence: 0.94276945

 $00{:}48{:}35.018 \dashrightarrow 00{:}48{:}38.406$ the rapies that are now actively being used.

NOTE Confidence: 0.94276945

00:48:38.410 --> 00:48:40.860 So patient can essentially take a pill

NOTE Confidence: 0.94276945

 $00:48:40.860 \longrightarrow 00:48:42.830$ therapy that is specifically targeting

NOTE Confidence: 0.94276945

 $00{:}48{:}42.830 \dashrightarrow 00{:}48{:}45.805$ a protein or antigen on their tumor.

NOTE Confidence: 0.94276945

00:48:45.810 --> 00:48:49.140 And again, impressive results

NOTE Confidence: 0.94276945

00:48:49.140 --> 00:48:51.690 in terms of treatment efficacy,

NOTE Confidence: 0.94276945

 $00:48:51.690 \longrightarrow 00:48:53.398$ but they can have a range of

NOTE Confidence: 0.94276945

 $00{:}48{:}53.398 \dashrightarrow 00{:}48{:}54.570$ side effects including fatigue,

NOTE Confidence: 0.94276945

00:48:54.570 --> 00:48:55.392 rash, metabolic issues.

NOTE Confidence: 0.94276945

 $00{:}48{:}55.392 \dashrightarrow 00{:}48{:}57.889$ So this is what we need your help with.

NOTE Confidence: 0.94276945

 $00:48:57.890 \longrightarrow 00:48:59.710$ So if they're developing hyperglycemia

NOTE Confidence: 0.94276945

00:48:59.710 --> 00:49:01.530 on these agents for example,

NOTE Confidence: 0.94276945

 $00:49:01.530 \longrightarrow 00:49:03.815$ we absolutely need your partnership

NOTE Confidence: 0.94276945

 $00:49:03.815 \longrightarrow 00:49:05.110$ to better these.

 $00:49:05.110 \longrightarrow 00:49:05.490$ Thanks.

NOTE Confidence: 0.936323642727273

 $00:49:07.520 \longrightarrow 00:49:09.320$ And so there's lots of resources

NOTE Confidence: 0.936323642727273

 $00:49:09.320 \longrightarrow 00:49:11.200$ in terms of toxicity management.

NOTE Confidence: 0.936323642727273

 $00:49:11.200 \longrightarrow 00:49:13.632$ And I think this may be a separate

NOTE Confidence: 0.936323642727273

 $00:49:13.632 \longrightarrow 00:49:15.998$ webinar if there's interest on this.

NOTE Confidence: 0.936323642727273

00:49:16.000 --> 00:49:17.540 But one thing I've highlighted

NOTE Confidence: 0.936323642727273

 $00:49:17.540 \longrightarrow 00:49:20.109$ because you will be seeing a lot of

NOTE Confidence: 0.936323642727273

 $00:49:20.109 \longrightarrow 00:49:21.405$ immunotherapy complications in the

NOTE Confidence: 0.936323642727273

 $00:49:21.405 \longrightarrow 00:49:23.637$ practice is that the American Society

NOTE Confidence: 0.936323642727273

00:49:23.637 --> 00:49:25.637 of Clinical Oncology guidelines for

NOTE Confidence: 0.936323642727273

 $00:49:25.637 \longrightarrow 00:49:27.668$ immunotherapy are readily available

NOTE Confidence: 0.936323642727273

 $00:49:27.668 \longrightarrow 00:49:31.966$ and it's a really good solid resource.

NOTE Confidence: 0.936323642727273

 $00:49:31.970 \longrightarrow 00:49:33.725$ Also, don't be afraid to reach out to us.

NOTE Confidence: 0.936323642727273

 $00{:}49{:}33.730 \to 00{:}49{:}35.698$ Again, we're not asking you guys

NOTE Confidence: 0.936323642727273

 $00:49:35.698 \longrightarrow 00:49:37.010$ to be immunotherapy experts,

NOTE Confidence: 0.936323642727273

 $00:49:37.010 \longrightarrow 00:49:39.026$ but you just have that index of

 $00:49:39.026 \longrightarrow 00:49:41.615$ suspicion of if these patients are on

NOTE Confidence: 0.936323642727273

 $00:49:41.615 \longrightarrow 00:49:43.219$ targeted therapies or immunotherapy

NOTE Confidence: 0.936323642727273

 $00:49:43.219 \longrightarrow 00:49:45.440$ agents that some of the things that

NOTE Confidence: 0.936323642727273

 $00:49:45.440 \longrightarrow 00:49:47.409$ may seem routine may actually be

NOTE Confidence: 0.936323642727273

 $00:49:47.409 \longrightarrow 00:49:51.490$ related to the cancer treatment next.

NOTE Confidence: 0.936323642727273

 $00:49:51.490 \longrightarrow 00:49:53.891$ And then this was a really important

NOTE Confidence: 0.936323642727273

 $00:49:53.891 \longrightarrow 00:49:55.540$ article that really launched.

NOTE Confidence: 0.936323642727273

00:49:55.540 --> 00:49:58.214 An expansion of how we see survivorship,

NOTE Confidence: 0.936323642727273

 $00{:}49{:}58.220 \dashrightarrow 00{:}50{:}00.584$ which is that patients with metastatic

NOTE Confidence: 0.936323642727273

 $00:50:00.584 \dashrightarrow 00:50:03.740$ cancer, again, it fits the NCI definition.

NOTE Confidence: 0.936323642727273

 $00:50:03.740 \longrightarrow 00:50:07.220$ But for a long time as a community,

NOTE Confidence: 0.936323642727273

 $00:50:07.220 \longrightarrow 00:50:09.500$ we have sort of felt that, oh,

NOTE Confidence: 0.936323642727273

 $00:50:09.500 \longrightarrow 00:50:11.460$ it's it's only for patients with curable

NOTE Confidence: 0.936323642727273

 $00:50:11.460 \longrightarrow 00:50:13.612$ disease, which is absolutely false.

NOTE Confidence: 0.936323642727273

 $00:50:13.612 \longrightarrow 00:50:17.575$ And so Tom Smith and Terry Longbaum wrote

 $00:50:17.575 \longrightarrow 00:50:19.705$ this really wonderful article that was

NOTE Confidence: 0.936323642727273

 $00:50:19.705 \dashrightarrow 00:50:22.970$ published in 2019 in the Journal of Medicine.

NOTE Confidence: 0.936323642727273

 $00:50:22.970 \longrightarrow 00:50:25.982$ Really highlighting a lot of the

NOTE Confidence: 0.936323642727273

 $00:50:25.982 \longrightarrow 00:50:28.398$ similarities and differences that can

NOTE Confidence: 0.936323642727273

00:50:28.398 --> 00:50:30.597 happen in the related to survivorship,

NOTE Confidence: 0.936323642727273

 $00:50:30.597 \longrightarrow 00:50:32.233$ related concerns in patients

NOTE Confidence: 0.936323642727273

 $00:50:32.233 \longrightarrow 00:50:34.170$ who are in remission.

NOTE Confidence: 0.936323642727273

 $00:50:34.170 \longrightarrow 00:50:35.952$ Kind of in that extended or

NOTE Confidence: 0.936323642727273

 $00:50:35.952 \longrightarrow 00:50:37.610$ longterm phase that you saw Dr.

NOTE Confidence: 0.936323642727273

 $00:50:37.610 \longrightarrow 00:50:38.010 Dr.$

NOTE Confidence: 0.936323642727273

 $00{:}50{:}38.010 \dashrightarrow 00{:}50{:}40.010$ Singh talking about where patients

NOTE Confidence: 0.936323642727273

00:50:40.010 --> 00:50:42.450 who are actually living with cancer.

NOTE Confidence: 0.936323642727273

 $00:50:42.450 \longrightarrow 00:50:44.466$ And as you can see that could be

NOTE Confidence: 0.936323642727273

00:50:44.466 --> 00:50:45.990 physical issues, emotional issues,

NOTE Confidence: 0.936323642727273

 $00:50:45.990 \longrightarrow 00:50:47.520$ sexual health issues.

NOTE Confidence: 0.936323642727273

 $00:50:47.520 \longrightarrow 00:50:49.064$ There's actually more similarities

 $00:50:49.064 \dashrightarrow 00:50:51.380$ than differences in terms of some

NOTE Confidence: 0.936323642727273

 $00:50:51.439 \longrightarrow 00:50:53.199$ of the domains of survivorship.

NOTE Confidence: 0.936323642727273

 $00:50:53.200 \longrightarrow 00:50:54.192$ So, so this is,

NOTE Confidence: 0.936323642727273

 $00:50:54.192 \longrightarrow 00:50:56.342$ this is an area that that we would

NOTE Confidence: 0.936323642727273

00:50:56.342 --> 00:50:58.421 love to partner with you to help

NOTE Confidence: 0.936323642727273

 $00:50:58.421 \longrightarrow 00:51:00.209$ support these patients that are

NOTE Confidence: 0.936323642727273

00:51:00.209 --> 00:51:02.351 actively being seen in both primary

NOTE Confidence: 0.936323642727273

 $00{:}51{:}02.360 \dashrightarrow 00{:}51{:}06.147$ care as well as oncology offices and

NOTE Confidence: 0.936323642727273

 $00:51:06.147 \longrightarrow 00:51:07.882$ all of the survivorship resources

NOTE Confidence: 0.936323642727273

 $00:51:07.882 \longrightarrow 00:51:09.995$ that we've been talking about are

NOTE Confidence: 0.936323642727273

00:51:09.995 --> 00:51:11.999 available for these patients as well.

NOTE Confidence: 0.936323642727273 00:51:12.000 --> 00:51:12.320 Thanks.

NOTE Confidence: 0.93773775

 $00:51:14.430 \longrightarrow 00:51:16.542$ And so kind of coming back to the

NOTE Confidence: 0.93773775

 $00{:}51{:}16.542 \dashrightarrow 00{:}51{:}19.096$ to those patients with who've had

NOTE Confidence: 0.93773775

 $00:51:19.096 \longrightarrow 00:51:21.388$ incredible responses to immunotherapy,

 $00:51:21.390 \longrightarrow 00:51:23.868$ there is not a body of literature

NOTE Confidence: 0.93773775

 $00:51:23.870 \longrightarrow 00:51:26.468$ really talking about the experience of

NOTE Confidence: 0.93773775

 $00:51:26.468 \longrightarrow 00:51:29.189$ how these patients actually feel after

NOTE Confidence: 0.93773775

 $00:51:29.189 \longrightarrow 00:51:31.334$ essentially being being told that,

NOTE Confidence: 0.93773775

 $00:51:31.334 \longrightarrow 00:51:33.382$ you know, you have advanced illness.

NOTE Confidence: 0.93773775

 $00{:}51{:}33.382 \dashrightarrow 00{:}51{:}36.029$ We're not sure how long you have to live.

NOTE Confidence: 0.93773775

 $00:51:36.030 \longrightarrow 00:51:38.292$ And then because of the advanced

NOTE Confidence: 0.93773775

 $00:51:38.292 \longrightarrow 00:51:39.423$ advent of immunotherapy,

NOTE Confidence: 0.93773775

 $00{:}51{:}39.430 {\:{\mbox{--}}\!>}\ 00{:}51{:}41.130$ they're actually living years

NOTE Confidence: 0.93773775

 $00:51:41.130 \longrightarrow 00:51:42.830$ and years after diagnosis.

NOTE Confidence: 0.93773775

 $00{:}51{:}42.830 \dashrightarrow 00{:}51{:}44.426$ So there's a body of work developed.

NOTE Confidence: 0.93773775

 $00:51:44.430 \longrightarrow 00:51:46.212$ Working in terms of the this

NOTE Confidence: 0.93773775

 $00:51:46.212 \longrightarrow 00:51:47.965$ particular study showed that they feel

NOTE Confidence: 0.93773775

 $00:51:47.965 \longrightarrow 00:51:49.750$ like they live in a twilight zone.

NOTE Confidence: 0.93773775

 $00:51:49.750 \longrightarrow 00:51:51.829$ They feel like they're they're between the

NOTE Confidence: 0.93773775

00:51:51.829 --> 00:51:54.670 edge of death and the living and they not,

00:51:54.670 --> 00:51:56.870 they're not quite sure where they fit in.

NOTE Confidence: 0.93773775

 $00{:}51{:}56.870 \longrightarrow 00{:}51{:}59.126$ So kind of in the coming years you're

NOTE Confidence: 0.93773775

00:51:59.126 --> 00:52:01.730 going to see more of this type of work

NOTE Confidence: 0.93773775

00:52:01.730 --> 00:52:03.664 coming out where we're beginning to

NOTE Confidence: 0.93773775

 $00:52:03.664 \longrightarrow 00:52:05.806$ understand better the needs of these

NOTE Confidence: 0.93773775

 $00:52:05.806 \longrightarrow 00:52:09.020$ survivors with advanced illness next.

NOTE Confidence: 0.93773775

 $00:52:09.020 \longrightarrow 00:52:10.308$ So I want to make sure we

NOTE Confidence: 0.93773775

 $00{:}52{:}10.308 \dashrightarrow 00{:}52{:}11.619$ have time for your questions.

NOTE Confidence: 0.93773775

 $00{:}52{:}11.620 \dashrightarrow 00{:}52{:}13.540$ So just wanted to just highlight

NOTE Confidence: 0.93773775

 $00:52:13.540 \longrightarrow 00:52:14.820$ a few quick takeaways,

NOTE Confidence: 0.93773775

 $00{:}52{:}14.820 \dashrightarrow 00{:}52{:}17.496$ which is that patients would advance

NOTE Confidence: 0.93773775

00:52:17.496 --> 00:52:19.700 cancer like this particular case,

NOTE Confidence: 0.93773775

00:52:19.700 --> 00:52:22.364 she may have just had COVID or she

NOTE Confidence: 0.93773775

 $00:52:22.364 \longrightarrow 00:52:24.865$ may have had COVID plus possibly

NOTE Confidence: 0.93773775

 $00:52:24.865 \longrightarrow 00:52:27.060$ a recurrence of her cancer.

00:52:27.060 --> 00:52:28.380 I think it's it's the,

NOTE Confidence: 0.93773775

 $00:52:28.380 \longrightarrow 00:52:30.290$ it's the differential that we

NOTE Confidence: 0.93773775

 $00:52:30.290 \longrightarrow 00:52:31.818$ all would think about.

NOTE Confidence: 0.93773775

 $00:52:31.820 \longrightarrow 00:52:33.125$ Brain metastasis recurrence

NOTE Confidence: 0.93773775

 $00:52:33.125 \longrightarrow 00:52:35.300$ can also present with nausea,

NOTE Confidence: 0.93773775

 $00{:}52{:}35.300 \dashrightarrow 00{:}52{:}37.886$ vomiting and not not the malaise

NOTE Confidence: 0.93773775

 $00:52:37.886 \longrightarrow 00:52:40.538$ and not being able to eat so.

NOTE Confidence: 0.93773775

 $00:52:40.540 \longrightarrow 00:52:42.724$ So just kind of keeping that

NOTE Confidence: 0.93773775

 $00{:}52{:}42.724 \dashrightarrow 00{:}52{:}44.900$ differential why it is important

NOTE Confidence: 0.93773775

00:52:44.900 --> 00:52:47.756 quality of life and symptom management

NOTE Confidence: 0.93773775

 $00{:}52{:}47.756 \longrightarrow 00{:}52{:}50.214$ is particularly important in these

NOTE Confidence: 0.93773775

 $00:52:50.214 \longrightarrow 00:52:53.112$ patients living with advanced illness and

NOTE Confidence: 0.93773775

 $00:52:53.112 \longrightarrow 00:52:55.840$ coordination of care with you guys is.

NOTE Confidence: 0.93773775

 $00{:}52{:}55.840 {\:{\circ}{\circ}{\circ}}>00{:}52{:}58.240$ Even more important in these patients

NOTE Confidence: 0.93773775

 $00:52:58.240 \longrightarrow 00:53:00.211$ with more complicated cancers on

NOTE Confidence: 0.93773775

 $00:53:00.211 \longrightarrow 00:53:02.381$ ongoing treatment and as much as we

 $00:53:02.381 \longrightarrow 00:53:04.440$ can regularly communicate the matter.

NOTE Confidence: 0.93773775

 $00:53:04.440 \longrightarrow 00:53:06.029$ So I'll stop there and make sure

NOTE Confidence: 0.93773775

 $00:53:06.029 \longrightarrow 00:53:07.718$ we have time for some questions.

NOTE Confidence: 0.93773775

 $00:53:07.720 \longrightarrow 00:53:08.080$ Thank you.

NOTE Confidence: 0.950317

 $00:53:10.840 \longrightarrow 00:53:10.950$ There

NOTE Confidence: 0.9469625333333333

 $00:53:17.380 \longrightarrow 00:53:18.178$ are no questions

NOTE Confidence: 0.946543225

 $00:53:18.180 \longrightarrow 00:53:19.220$ from the audience yet.

NOTE Confidence: 0.946543225

00:53:19.220 --> 00:53:20.260 So if you're listening,

NOTE Confidence: 0.946543225

 $00{:}53{:}20.260 {\:{\mbox{--}}\!>}\ 00{:}53{:}22.660$ please enter questions after

NOTE Confidence: 0.946543225

 $00:53:22.660 \longrightarrow 00:53:24.060$ Williams. Do you have any?

NOTE Confidence: 0.93220288

 $00:53:24.420 \longrightarrow 00:53:26.430$ I do have a question.

NOTE Confidence: 0.93220288

 $00:53:26.430 \longrightarrow 00:53:28.980$ So the, you know immunotherapy is

NOTE Confidence: 0.93220288

 $00{:}53{:}28.980 {\:{\circ}{\circ}{\circ}}>00{:}53{:}31.762$ is a really recent occurrence and

NOTE Confidence: 0.93220288

 $00:53:31.762 \longrightarrow 00:53:35.877$ I think many of us in primary care

NOTE Confidence: 0.93220288

00:53:35.877 --> 00:53:38.610 don't have a tremendous number of

 $00:53:38.610 \longrightarrow 00:53:40.727$ patients that have actually received

NOTE Confidence: 0.93220288

 $00:53:40.727 \longrightarrow 00:53:43.709$ immunotherapy like the ones we discussed.

NOTE Confidence: 0.93220288

00:53:43.710 --> 00:53:45.850 What's the time horizon for

NOTE Confidence: 0.93220288

 $00:53:45.850 \longrightarrow 00:53:50.163$ us to be alert for potential?

NOTE Confidence: 0.93220288

00:53:50.163 --> 00:53:52.047 Adverse effects from those

NOTE Confidence: 0.93220288

 $00:53:52.047 \longrightarrow 00:53:53.460$ from those treatments,

NOTE Confidence: 0.93220288

00:53:53.460 --> 00:53:55.362 is it mostly during the treatment

NOTE Confidence: 0.93220288

00:53:55.362 --> 00:53:58.058 window or is it something that concur

NOTE Confidence: 0.93220288

 $00{:}53{:}58.060 \dashrightarrow 00{:}54{:}00.300$ kind of longer subacute or even kind

NOTE Confidence: 0.876140632

 $00:54:00.860 \longrightarrow 00:54:03.220$ of great question, Dr. Williams.

NOTE Confidence: 0.876140632

 $00{:}54{:}03.220 \dashrightarrow 00{:}54{:}06.335$ So so the majority of these would

NOTE Confidence: 0.876140632

 $00:54:06.335 \longrightarrow 00:54:09.375$ be first picked up on if that is

NOTE Confidence: 0.876140632

 $00{:}54{:}09.375 \dashrightarrow 00{:}54{:}11.685$ more of an acute reaction while

NOTE Confidence: 0.876140632

 $00{:}54{:}11.685 \dashrightarrow 00{:}54{:}14.258$ patients are receiving immunotherapy.

NOTE Confidence: 0.876140632

 $00:54:14.260 \longrightarrow 00:54:16.600$ Thyroid dysfunction issues for example

NOTE Confidence: 0.876140632

00:54:16.600 --> 00:54:19.660 are extremely common and we actually,

00:54:19.660 --> 00:54:22.152 if you wonder why is that oncologists

NOTE Confidence: 0.876140632

00:54:22.152 --> 00:54:23.220 checking thyroid function,

NOTE Confidence: 0.876140632

 $00:54:23.220 \longrightarrow 00:54:24.776$ that's what I do.

NOTE Confidence: 0.876140632

00:54:24.776 --> 00:54:27.656 It's actually part of our chemo plans

NOTE Confidence: 0.876140632

00:54:27.656 --> 00:54:29.934 to actually be checking thyroid

NOTE Confidence: 0.876140632

 $00:54:29.934 \longrightarrow 00:54:31.670$ function and adrenal function

NOTE Confidence: 0.876140632

 $00:54:31.670 \longrightarrow 00:54:34.100$ because these toxicities can be so,

NOTE Confidence: 0.876140632

 $00.54:34.100 \longrightarrow 00.54:36.710$ so, so common.

NOTE Confidence: 0.876140632

00:54:36.710 --> 00:54:38.630 Pneumonitis and cardiac issues

NOTE Confidence: 0.876140632

 $00:54:38.630 \longrightarrow 00:54:41.030$ are a little less common,

NOTE Confidence: 0.876140632

 $00:54:41.030 \longrightarrow 00:54:43.179$ but it's something that we if the

NOTE Confidence: 0.876140632

 $00:54:43.179 \longrightarrow 00:54:44.826$ patient is presenting with with

NOTE Confidence: 0.876140632

 $00:54:44.826 \longrightarrow 00:54:46.501$ shortness of breath during treatment

NOTE Confidence: 0.876140632

 $00{:}54{:}46.501 \dashrightarrow 00{:}54{:}48.790$ or really any type of cardiac issue,

NOTE Confidence: 0.876140632

 $00:54:48.790 \longrightarrow 00:54:50.498$ the cardiac immune related

00:54:50.498 --> 00:54:52.633 toxicity can actually be deadly.

NOTE Confidence: 0.876140632

 $00{:}54{:}52.640 \dashrightarrow 00{:}54{:}55.224$ That's not picked up early so so

NOTE Confidence: 0.876140632

 $00:54:55.224 \longrightarrow 00:54:56.920$ you're going to see if you see your

NOTE Confidence: 0.876140632

00:54:56.976 --> 00:54:58.526 oncologist doing certain types of

NOTE Confidence: 0.876140632

00:54:58.526 --> 00:55:00.375 work up that you're you're kind

NOTE Confidence: 0.876140632

 $00:55:00.375 \longrightarrow 00:55:02.041$ of like well cardiac work up it

NOTE Confidence: 0.876140632

00:55:02.041 --> 00:55:03.960 should be something I would be

NOTE Confidence: 0.876140632

 $00:55:03.960 \longrightarrow 00:55:05.865$ doing it's it's related to

NOTE Confidence: 0.876140632

 $00:55:05.865 \longrightarrow 00:55:08.395$ kind of kind of that that

NOTE Confidence: 0.876140632

 $00:55:08.395 \longrightarrow 00:55:11.137$ high index of suspicion for these

NOTE Confidence: 0.876140632

 $00:55:11.137 \longrightarrow 00:55:12.968$ immunotherapy toxicities rashes are

NOTE Confidence: 0.876140632

 $00:55:12.968 \longrightarrow 00:55:14.660$ really common with immunotherapy

NOTE Confidence: 0.876140632

 $00:55:14.660 \longrightarrow 00:55:16.759$ as well as targeted the rapies.

NOTE Confidence: 0.876140632

 $00:55:16.759 \longrightarrow 00:55:19.951$ So so so so so that's that's something

NOTE Confidence: 0.876140632

00:55:19.951 --> 00:55:22.636 that's very commonly seen and then we.

NOTE Confidence: 0.876140632

00:55:22.640 --> 00:55:25.678 I also worry a lot about colitis,

 $00{:}55{:}25.680 \rightarrow 00{:}55{:}29.250$ immune related diarrhea where we

NOTE Confidence: 0.876140632

 $00{:}55{:}29.250 \dashrightarrow 00{:}55{:}31.680$ typically if we're worried about it,

NOTE Confidence: 0.876140632

 $00:55:31.680 \longrightarrow 00:55:35.103$ we would have to hold the immunotherapy

NOTE Confidence: 0.876140632

 $00:55:35.103 \longrightarrow 00:55:38.224$ typically start high dose steroids and

NOTE Confidence: 0.876140632

 $00:55:38.224 \longrightarrow 00:55:41.248$ you can imagine if somebody already

NOTE Confidence: 0.876140632

 $00:55:41.248 \longrightarrow 00:55:43.820$ has metabolic syndrome or diabetes.

NOTE Confidence: 0.876140632

00:55:43.820 --> 00:55:46.133 All the things that you guys are expert at,

NOTE Confidence: 0.876140632

 $00{:}55{:}46.140 \dashrightarrow 00{:}55{:}48.020$ we can kind of get into the cycle

NOTE Confidence: 0.876140632

 $00{:}55{:}48.020 \dashrightarrow 00{:}55{:}49.575$ of trouble where we're struggling

NOTE Confidence: 0.876140632

 $00{:}55{:}49.575 \longrightarrow 00{:}55{:}51.627$ these hyper steroids and then their

NOTE Confidence: 0.876140632

 $00{:}55{:}51.627 \dashrightarrow 00{:}55{:}53.257$ blood sugars are spiking etc.

NOTE Confidence: 0.876140632

 $00:55:53.260 \longrightarrow 00:55:55.564$ So that's another point where good

NOTE Confidence: 0.876140632

 $00{:}55{:}55.564 {\:\raisebox{--}{\text{--}}}{\:\raisebox{--}{\text{--}}}{\:\raisebox{--}{\text{--}}} 00{:}55{:}57.780$ close communication is super important.

NOTE Confidence: 0.876140632

 $00:55:57.780 \longrightarrow 00:55:58.980$ But to answer your question,

NOTE Confidence: 0.876140632

 $00:55:58.980 \longrightarrow 00:56:02.340$ most of the time these toxicities

 $00:56:02.340 \longrightarrow 00:56:04.580$ do happen during treatment,

NOTE Confidence: 0.876140632

 $00:56:04.580 \longrightarrow 00:56:06.565$ but then the endocanopathies that

NOTE Confidence: 0.876140632

 $00{:}56{:}06.565 \dashrightarrow 00{:}56{:}08.153$ happen during immunotherapy do

NOTE Confidence: 0.876140632

00:56:08.153 --> 00:56:10.137 not necessarily go away after

NOTE Confidence: 0.876140632

 $00:56:10.137 \longrightarrow 00:56:11.657$ the immunotherapy is over.

NOTE Confidence: 0.876140632 00:56:11.660 --> 00:56:12.054 So, NOTE Confidence: 0.876140632

 $00.56:12.054 \longrightarrow 00.56:13.630$ so we're sort of.

NOTE Confidence: 0.876140632

00:56:13.630 --> 00:56:16.174 The patients are left to continue

NOTE Confidence: 0.876140632

 $00{:}56{:}16.174 \dashrightarrow 00{:}56{:}17.870$ to manage those complications.

NOTE Confidence: 0.96440576

 $00:56:18.270 \longrightarrow 00:56:19.630$ That's helpful. That's really helpful.

NOTE Confidence: 0.96440576

 $00{:}56{:}19.630 \dashrightarrow 00{:}56{:}21.466$ So is it safe to say that you know,

NOTE Confidence: 0.96440576

00:56:21.470 --> 00:56:24.386 should a patient who's actively undergoing

NOTE Confidence: 0.96440576

 $00:56:24.386 \longrightarrow 00:56:26.290$ immunotherapy present with symptoms

NOTE Confidence: 0.96440576

 $00:56:26.290 \longrightarrow 00:56:28.670$ that could possibly really related,

NOTE Confidence: 0.96440576

 $00:56:28.670 \longrightarrow 00:56:31.000$ it would be important for us to get a hold

NOTE Confidence: 0.96440576

 $00:56:31.061 \longrightarrow 00:56:33.226$ of the treating oncologist immediately?

 $00:56:33.430 \longrightarrow 00:56:37.212$ Yes, yes. And I think I think

NOTE Confidence: 0.9301902

 $00{:}56{:}37.212 \longrightarrow 00{:}56{:}39.798$ pretty much from head to toe.

NOTE Confidence: 0.9301902

 $00:56:39.800 \longrightarrow 00:56:43.051$ Any organ can be involved in,

NOTE Confidence: 0.9301902

 $00:56:43.051 \longrightarrow 00:56:45.277$ in terms of immune related toxicity.

NOTE Confidence: 0.9301902

 $00:56:45.280 \longrightarrow 00:56:49.145$ So absolutely this is exactly we

NOTE Confidence: 0.9301902

00:56:49.145 --> 00:56:52.382 would want to hear from you and we

NOTE Confidence: 0.9301902

 $00:56:52.382 \longrightarrow 00:56:54.559$ are not expecting you to be the

NOTE Confidence: 0.9301902

 $00:56:54.559 \longrightarrow 00:56:56.760$ sole clinician managing these,

NOTE Confidence: 0.9301902

 $00:56:56.760 \longrightarrow 00:56:58.780$ but even alerting us that

NOTE Confidence: 0.9301902

00:56:58.780 --> 00:57:00.396 occasion is having trouble.

NOTE Confidence: 0.9301902

 $00{:}57{:}00.400 \dashrightarrow 00{:}57{:}01.750$ They may have called you before

NOTE Confidence: 0.9301902

 $00:57:01.750 \longrightarrow 00:57:03.216$ they called us and I think

NOTE Confidence: 0.9301902

 $00:57:03.216 \longrightarrow 00:57:04.240$ that's why it's important.

NOTE Confidence: 0.9339639075

 $00:57:06.840 \longrightarrow 00:57:09.640$ Well, I think we've run out of time.

NOTE Confidence: 0.9339639075

 $00:57:09.640 \longrightarrow 00:57:11.530$ I just wanted to say that last patient

00:57:11.530 --> 00:57:13.519 was my patient and she's doing well,

NOTE Confidence: 0.9339639075

 $00:57:13.520 \longrightarrow 00:57:15.520$ she just had COVID.

NOTE Confidence: 0.9339639075

 $00:57:15.520 \longrightarrow 00:57:18.300$ So that was good news.

NOTE Confidence: 0.9339639075

00:57:18.300 --> 00:57:20.733 But just wanted to to again thank

NOTE Confidence: 0.9339639075

 $00:57:20.733 \longrightarrow 00:57:22.803$ you all for for participating

NOTE Confidence: 0.9339639075

 $00:57:22.803 \longrightarrow 00:57:25.160$ this time and throughout the year.

NOTE Confidence: 0.9339639075

 $00:57:25.160 \longrightarrow 00:57:26.793$ Please write something in the survey

NOTE Confidence: 0.9339639075

 $00:57:26.793 \longrightarrow 00:57:28.550$ about it just because we can get

NOTE Confidence: 0.9339639075

 $00{:}57{:}28.608 {\:\dashrightarrow\:} 00{:}57{:}30.480$ your feedback as we just as we

NOTE Confidence: 0.9339639075

 $00:57:30.480 \longrightarrow 00:57:32.720$ try to figure out what to do next

NOTE Confidence: 0.9339639075

 $00{:}57{:}32.793 \mathrel{--}{>} 00{:}57{:}35.132$ year and and then I'll just hand

NOTE Confidence: 0.9339639075

 $00:57:35.132 \longrightarrow 00:57:38.160$ it over to to Karen to to close.

NOTE Confidence: 0.9515750425

 $00{:}57{:}39.560 \dashrightarrow 00{:}57{:}41.410$ Just want to thank every body

NOTE Confidence: 0.9515750425

 $00:57:41.410 \longrightarrow 00:57:42.520$ for their attendance.

NOTE Confidence: 0.9515750425

 $00:57:42.520 \longrightarrow 00:57:45.285$ Thank the panelists for their

NOTE Confidence: 0.9515750425

 $00{:}57{:}45.285 \dashrightarrow 00{:}57{:}47.026$ preparation and thoughtful

 $00:57:47.026 \longrightarrow 00:57:49.398$ approach to these issues.

NOTE Confidence: 0.9515750425

00:57:49.400 --> 00:57:51.374 And actually and I want to

NOTE Confidence: 0.9515750425

00:57:51.374 --> 00:57:53.352 thank you because it's the end

NOTE Confidence: 0.9515750425

 $00:57:53.352 \longrightarrow 00:57:55.080$ of our first year doing this.

NOTE Confidence: 0.9515750425

 $00:57:55.080 \longrightarrow 00:57:56.864$ So we will have a little

NOTE Confidence: 0.9515750425

 $00:57:56.864 \longrightarrow 00:57:57.516$ celebration together,

NOTE Confidence: 0.9515750425

 $00:57:57.520 \longrightarrow 00:57:58.712$ which does not mean we

NOTE Confidence: 0.9515750425

 $00:57:58.712 \longrightarrow 00:57:59.760$ won't have recurrence.

NOTE Confidence: 0.938576485

00:58:02.800 --> 00:58:05.528 All right, good. Thank you all, everybody.

NOTE Confidence: 0.938576485

00:58:05.528 --> 00:58:07.640 Thanks, Brian. Thanks, Miriam.

NOTE Confidence: 0.22324075

 $00:58:09.510 \longrightarrow 00:58:09.590$ Yeah.