WEBVTT

NOTE duration:"00:58:03"

NOTE recognizability:0.851

NOTE language:en-us

NOTE Confidence: 0.832643635

00:00:00.000 --> 00:00:02.192 People get started now.

NOTE Confidence: 0.832643635

00:00:02.192 --> 00:00:05.018 Thanks for joining us for Smile

NOTE Confidence: 0.832643635

00:00:05.018 --> 00:00:07.694 shares with primary care this month.

NOTE Confidence: 0.832643635

00:00:07.694 --> 00:00:10.054 We're focused on breast cancer

NOTE Confidence: 0.832643635

00:00:10.054 --> 00:00:12.430 because it's certainly breast cancer

NOTE Confidence: 0.832643635

00:00:12.430 --> 00:00:15.094 awareness month and the next slide.

NOTE Confidence: 0.832643635

00:00:15.100 --> 00:00:16.450 Oh, my name is Anne Chang.

NOTE Confidence: 0.832643635

00:00:16.450 --> 00:00:19.240 I'm the deputy CMO and Chief

NOTE Confidence: 0.832643635

00:00:19.240 --> 00:00:21.100 integration officer for SMILO.

NOTE Confidence: 0.832643635

00:00:21.100 --> 00:00:24.290 I'm a long medical oncologist

NOTE Confidence: 0.832643635

00:00:24.290 --> 00:00:27.480 and I developed this this,

NOTE Confidence: 0.832643635

00:00:27.480 --> 00:00:30.546 this series with Karen Brown and EMG

NOTE Confidence: 0.832643635

00:00:30.546 --> 00:00:33.460 and Smiler working together to really.

NOTE Confidence: 0.832643635

00:00:33.460 --> 00:00:36.484 Focus on the primary care perspective

NOTE Confidence: 0.832643635

00:00:36.484 --> 00:00:39.493 on cancer and hematology and the

NOTE Confidence: 0.832643635

00:00:39.493 --> 00:00:41.768 audience for primary care clinicians

NOTE Confidence: 0.832643635

00:00:41.768 --> 00:00:44.856 and we have our primary care

NOTE Confidence: 0.832643635

00:00:44.856 --> 00:00:47.040 panelist and smilo physicians.

NOTE Confidence: 0.832643635

00:00:47.040 --> 00:00:48.580 This is a monthly series.

NOTE Confidence: 0.832643635

00:00:48.580 --> 00:00:51.820 So if you like us then come back.

NOTE Confidence: 0.832643635

00:00:51.820 --> 00:00:54.120 It's always the first Tuesday

NOTE Confidence: 0.832643635

00:00:54.120 --> 00:00:56.316 5:00 to 6:00 PM virtually and

NOTE Confidence: 0.832643635

00:00:56.316 --> 00:00:58.579 at some point perhaps in person.

NOTE Confidence: 0.832643635

00:00:58.580 --> 00:01:01.292 We started last month and really

NOTE Confidence: 0.832643635

00:01:01.292 --> 00:01:03.430 this is an opportunity to.

NOTE Confidence: 0.832643635

00:01:03.430 --> 00:01:06.010 To focus on questions that primary

NOTE Confidence: 0.832643635

00:01:06.010 --> 00:01:08.352 care may have about cancer topics

NOTE Confidence: 0.832643635

00:01:08.352 --> 00:01:10.529 and we really felt that it wasn't

NOTE Confidence: 0.832643635

00:01:10.529 --> 00:01:12.140 something that where we wanted the

NOTE Confidence: 0.832643635

00:01:12.140 --> 00:01:13.886 specialist to tell primary care what

NOTE Confidence: 0.832643635

00:01:13.886 --> 00:01:16.067 they wanted to know but really ask

NOTE Confidence: 0.832643635

00:01:16.067 --> 00:01:18.118 primary care what what the topics are

NOTE Confidence: 0.832643635

00:01:18.118 --> 00:01:20.428 that that you you have questions about.

NOTE Confidence: 0.832643635

00:01:20.430 --> 00:01:22.985 So we're going to go into introductions

NOTE Confidence: 0.832643635

00:01:22.985 --> 00:01:25.631 and then we'll go into a case

NOTE Confidence: 0.832643635

00:01:25.631 --> 00:01:27.486 presentation with our experts and

NOTE Confidence: 0.832643635

00:01:27.486 --> 00:01:29.788 really we'll let would like to

NOTE Confidence: 0.832643635

00:01:29.788 --> 00:01:31.643 have about 10 minutes available

NOTE Confidence: 0.832643635

00:01:31.650 --> 00:01:33.430 for questions answers that you.

NOTE Confidence: 0.832643635

00:01:33.430 --> 00:01:36.246 We put in the chat as we're going

NOTE Confidence: 0.832643635

00:01:36.246 --> 00:01:40.200 along or or ask at that time.

NOTE Confidence: 0.832643635

00:01:40.200 --> 00:01:43.839 So I'm going to introduce Karen Brown first.

NOTE Confidence: 0.832643635

00:01:43.839 --> 00:01:44.198 Karen,

NOTE Confidence: 0.832643635

00:01:44.198 --> 00:01:47.070 if you can say a few words and

NOTE Confidence: 0.832643635

00:01:47.159 --> 00:01:48.627 then and and then.

NOTE Confidence: 0.832643635

00:01:48.630 --> 00:01:50.625 Start with the interests of our faculty.

NOTE Confidence: 0.791756917692308

00:01:51.340 --> 00:01:52.887 Sure. No, I I just want to

NOTE Confidence: 0.791756917692308

00:01:52.887 --> 00:01:54.380 thank you and and of course,

NOTE Confidence: 0.791756917692308

00:01:54.380 --> 00:01:59.204 all of our smilo folks for sharing with us.

NOTE Confidence: 0.791756917692308

00:01:59.204 --> 00:02:02.108 You know, we are always stronger

NOTE Confidence: 0.791756917692308

00:02:02.108 --> 00:02:04.443 together and new cancer is.

NOTE Confidence: 0.791756917692308

00:02:04.450 --> 00:02:06.970 Can be a really tough time for our patients

NOTE Confidence: 0.791756917692308

00:02:06.970 --> 00:02:09.160 and for us to support our patients.

NOTE Confidence: 0.791756917692308

00:02:09.160 --> 00:02:10.960 So I think the more that we can

NOTE Confidence: 0.791756917692308

00:02:10.960 --> 00:02:12.926 do to coordinate both officially

NOTE Confidence: 0.791756917692308

00:02:12.926 --> 00:02:15.336 and unofficially and formally and

NOTE Confidence: 0.791756917692308

00:02:15.336 --> 00:02:17.703 informally between us that the better

NOTE Confidence: 0.791756917692308

00:02:17.703 --> 00:02:19.713 care that our patients will receive.

NOTE Confidence: 0.791756917692308

00:02:19.720 --> 00:02:21.750 And I would also like to point

NOTE Confidence: 0.791756917692308

00:02:21.750 --> 00:02:23.756 out that this evenings panel is

NOTE Confidence: 0.791756917692308

00:02:23.756 --> 00:02:26.248 largely on the the New Haven region.

NOTE Confidence: 0.791756917692308

00:02:26.250 --> 00:02:28.704 So we're hoping to kind of

NOTE Confidence: 0.791756917692308

00:02:28.704 --> 00:02:30.866 highlight on different regions and

NOTE Confidence: 0.791756917692308

00:02:30.866 --> 00:02:32.646 I'll introduce Joe Bennett,

NOTE Confidence: 0.791756917692308

00:02:32.650 --> 00:02:34.876 Toski who is one of our star.

NOTE Confidence: 0.791756917692308

00:02:34.880 --> 00:02:37.125 EMG primary care clinicians Jill

NOTE Confidence: 0.791756917692308

00:02:37.125 --> 00:02:39.370 attended medical school at the

NOTE Confidence: 0.791756917692308

00:02:39.449 --> 00:02:42.054 University of Connecticut and completed

NOTE Confidence: 0.791756917692308

00:02:42.054 --> 00:02:44.659 residency in primary care general

NOTE Confidence: 0.791756917692308

00:02:44.733 --> 00:02:47.158 internal medicine at Mass General.

NOTE Confidence: 0.791756917692308

00:02:47.160 --> 00:02:49.435 She returned to Connecticut to

NOTE Confidence: 0.791756917692308

00:02:49.435 --> 00:02:51.255 practice general internal medicine,

NOTE Confidence: 0.791756917692308

00:02:51.260 --> 00:02:52.620 where I met her.

NOTE Confidence: 0.791756917692308

00:02:52.620 --> 00:02:54.320 She was an assistant clinical

NOTE Confidence: 0.791756917692308

00:02:54.320 --> 00:02:56.005 professor and working closely to

NOTE Confidence: 0.791756917692308

00:02:56.005 --> 00:02:57.931 educate a lot of the residents

NOTE Confidence: 0.791756917692308

00:02:57.940 --> 00:03:01.475 who were training with us at Yale.

NOTE Confidence: 0.791756917692308

00:03:01.480 --> 00:03:03.010 The ambulatory setting.

NOTE Confidence: 0.791756917692308

00:03:03.010 --> 00:03:06.580 She and her practice joined a NE

NOTE Confidence: 0.791756917692308

00:03:06.672 --> 00:03:10.678 Medical Group in 2018 and are clearly

NOTE Confidence: 0.791756917692308

00:03:10.678 --> 00:03:13.226 provide excellent patient care.

NOTE Confidence: 0.791756917692308

00:03:13.230 --> 00:03:16.790 We get constant demands to see how many

NOTE Confidence: 0.791756917692308

00:03:16.790 --> 00:03:19.321 more patients they can follow because

NOTE Confidence: 0.791756917692308

00:03:19.321 --> 00:03:21.649 people love them and they do such a

NOTE Confidence: 0.791756917692308

00:03:21.649 --> 00:03:23.708 good job taking care of patients.

NOTE Confidence: 0.791756917692308

00:03:23.710 --> 00:03:25.740 She's additionally now the medical

NOTE Confidence: 0.791756917692308

00:03:25.740 --> 00:03:28.210 director for University of New Haven,

NOTE Confidence: 0.791756917692308

00:03:28.210 --> 00:03:32.458 so engaging in some student health as well.

NOTE Confidence: 0.791756917692308

00:03:32.460 --> 00:03:34.315 I'll pass it back to you to

NOTE Confidence: 0.791756917692308

00:03:34.315 --> 00:03:35.110 introduce our specialist.

NOTE Confidence: 0.696368982857143

00:03:35.220 --> 00:03:39.994 So Rachel Greenup is an associate professor.

NOTE Confidence: 0.696368982857143

00:03:40.000 --> 00:03:42.190 Surgery. She's a breast surgeon.

NOTE Confidence: 0.696368982857143

00:03:42.190 --> 00:03:43.948 She's our chief of breast surgery.

NOTE Confidence: 0.696368982857143

00:03:43.950 --> 00:03:48.297 And she came from, came from Wisconsin,

NOTE Confidence: 0.696368982857143

00:03:48.300 --> 00:03:50.470 where she did her residency and then

NOTE Confidence: 0.696368982857143

00:03:50.470 --> 00:03:53.387 went on to do her fellowship at the MGH,

NOTE Confidence: 0.696368982857143

00:03:53.390 --> 00:03:56.684 Dana Farber and Brigham and actually

NOTE Confidence: 0.696368982857143

00:03:56.684 --> 00:03:59.879 came before joining Yale from Duke,

NOTE Confidence: 0.696368982857143

00:03:59.880 --> 00:04:02.646 where she founded that Duke Breast

NOTE Confidence: 0.696368982857143

00:04:02.646 --> 00:04:04.850 Cancer Outcomes Research Group and.

NOTE Confidence: 0.696368982857143

00:04:04.850 --> 00:04:09.155 And she has been here how long?

NOTE Confidence: 0.696368982857143

00:04:09.160 --> 00:04:13.260 Now I think it's Rachel.

NOTE Confidence: 0.696368982857143

00:04:13.260 --> 00:04:15.380 Yes, and it has a real focus on

NOTE Confidence: 0.696368982857143

00:04:15.380 --> 00:04:17.539 care of women with young women

NOTE Confidence: 0.696368982857143

00:04:17.539 --> 00:04:19.867 with breast cancer and early onset

NOTE Confidence: 0.696368982857143

00:04:19.942 --> 00:04:22.257 breast cancer and health equities.

NOTE Confidence: 0.696368982857143

00:04:22.260 --> 00:04:26.397 Sarah Shellhorn is a colleague of mine,

NOTE Confidence: 0.696368982857143

00:04:26.400 --> 00:04:28.684 associate professor of medicine,

NOTE Confidence: 0.696368982857143

00:04:28.684 --> 00:04:32.012 chief ambulatory officer for for Smilo,

NOTE Confidence: 0.696368982857143

00:04:32.012 --> 00:04:34.096 and she came from.

NOTE Confidence: 0.696368982857143

00:04:34.100 --> 00:04:36.417 She did her residency at Beth Israel

NOTE Confidence: 0.696368982857143

00:04:36.417 --> 00:04:38.403 Deaconess in Boston and and came

NOTE Confidence: 0.696368982857143

00:04:38.403 --> 00:04:40.257 did her fellowship at MD Anderson.

NOTE Confidence: 0.696368982857143

00:04:40.260 --> 00:04:41.775 And she is really interested

NOTE Confidence: 0.696368982857143

00:04:41.775 --> 00:04:43.290 in in lots of things.

NOTE Confidence: 0.696368982857143

00:04:43.290 --> 00:04:45.114 Around patient care,

NOTE Confidence: 0.696368982857143

00:04:45.114 --> 00:04:48.664 using technology to help patients optimize

NOTE Confidence: 0.696368982857143

00:04:48.664 --> 00:04:52.572 adherence to oral therapies and, you know,

NOTE Confidence: 0.696368982857143

00:04:52.572 --> 00:04:54.816 studying patient reported outcomes.

NOTE Confidence: 0.696368982857143

00:04:54.820 --> 00:04:58.131 And she's the physician leader of our

NOTE Confidence: 0.696368982857143

00:04:58.131 --> 00:05:00.984 faculty academic practice and also very

NOTE Confidence: 0.696368982857143

00:05:00.984 --> 00:05:03.690 interested in early onset breast cancer.

NOTE Confidence: 0.696368982857143

00:05:03.690 --> 00:05:04.580 Why do you stay here?

NOTE Confidence: 0.696368982857143

00:05:04.580 --> 00:05:05.996 And another colleague,

NOTE Confidence: 0.696368982857143

00:05:05.996 --> 00:05:06.940 associate Professor,

NOTE Confidence: 0.696368982857143

00:05:06.940 --> 00:05:08.074 Professor of medicine,

NOTE Confidence: 0.696368982857143

00:05:08.074 --> 00:05:10.720 he is the medical director for our

NOTE Confidence: 0.696368982857143

00:05:10.791 --> 00:05:13.377 Smilow Cancer Care Center in Guildford.

NOTE Confidence: 0.696368982857143

00:05:13.380 --> 00:05:15.544 And he trained it.

NOTE Confidence: 0.696368982857143

00:05:15.544 --> 00:05:18.249 Yellow affiliated hospital for residency.

NOTE Confidence: 0.696368982857143

00:05:18.250 --> 00:05:20.756 He was chief resident and then did

NOTE Confidence: 0.696368982857143

00:05:20.756 --> 00:05:23.209 his fellowship at Cornell University,

NOTE Confidence: 0.696368982857143

00:05:23.210 --> 00:05:24.486 met while Medical College,

NOTE Confidence: 0.696368982857143

00:05:24.486 --> 00:05:26.878 and is a Fellow of the American

NOTE Confidence: 0.696368982857143

00:05:26.878 --> 00:05:28.928 College of Physicians and also

NOTE Confidence: 0.696368982857143

00:05:28.928 --> 00:05:31.400 very interested in long term care

NOTE Confidence: 0.696368982857143

00:05:31.400 --> 00:05:33.305 of patients with breast cancer.

NOTE Confidence: 0.696368982857143

00:05:33.310 --> 00:05:35.130 So without further ado,

NOTE Confidence: 0.696368982857143

00:05:35.130 --> 00:05:37.054 but with our Distinguished faculty panel,

NOTE Confidence: 0.696368982857143

00:05:37.054 --> 00:05:39.166 I'll hand it over to Jill.

NOTE Confidence: 0.92744742

00:05:40.310 --> 00:05:41.888 Good evening, everyone and thank you.

NOTE Confidence: 0.92744742

00:05:41.890 --> 00:05:42.970 Thank you for the introduction.

NOTE Confidence: 0.92744742

00:05:42.970 --> 00:05:47.578 Dan and Karen, we and NMG who are seeing

NOTE Confidence: 0.92744742

00:05:47.578 --> 00:05:49.686 patients see and have conversations

NOTE Confidence: 0.92744742

00:05:49.686 --> 00:05:51.681 with over 100,000 women regarding

NOTE Confidence: 0.92744742

00:05:51.681 --> 00:05:53.382 breast cancer screening annually

NOTE Confidence: 0.92744742

00:05:53.382 --> 00:05:55.848 and we order hundreds of mammograms.

NOTE Confidence: 0.92744742

00:05:55.850 --> 00:05:58.730 So this topic is very important to us.

NOTE Confidence: 0.92744742

00:05:58.730 --> 00:06:00.296 We utilize the health maintenance tab

NOTE Confidence: 0.92744742

00:06:00.296 --> 00:06:02.353 in EPIC as an opportunity to remind

NOTE Confidence: 0.92744742

00:06:02.353 --> 00:06:04.261 ourselves and our patients of when

NOTE Confidence: 0.92744742

00:06:04.261 --> 00:06:06.198 their mammograms are due and to make

NOTE Confidence: 0.92744742

00:06:06.198 --> 00:06:08.159 sure they're done in a timely fashion.

NOTE Confidence: 0.92744742

00:06:08.159 --> 00:06:10.280 And one of the focuses we wanted

NOTE Confidence: 0.92744742

00:06:10.342 --> 00:06:11.128 to make sure.

NOTE Confidence: 0.92744742

00:06:11.130 --> 00:06:12.882 We took on tonight was recognizing

NOTE Confidence: 0.92744742

00:06:12.882 --> 00:06:15.091 those who are at increased risk of

NOTE Confidence: 0.92744742

00:06:15.091 --> 00:06:17.047 breast cancer and might need earlier

NOTE Confidence: 0.92744742

00:06:17.047 --> 00:06:19.159 or more advanced level screening.

NOTE Confidence: 0.92744742

00:06:19.160 --> 00:06:19.976 So with that,

NOTE Confidence: 0.92744742

00:06:19.976 --> 00:06:22.702 I'll start our case with a 35 year old

NOTE Confidence: 0.92744742

00:06:22.702 --> 00:06:25.355 nulliparous female with a history of obesity,

NOTE Confidence: 0.92744742

00:06:25.360 --> 00:06:27.425 PCOS and Raynauds who presents

NOTE Confidence: 0.92744742

00:06:27.425 --> 00:06:29.490 for advice regarding breast cancer

NOTE Confidence: 0.92744742

00:06:29.559 --> 00:06:32.037 screening and prevention as her mother,

NOTE Confidence: 0.92744742

00:06:32.040 --> 00:06:34.260 maternal aunt and premenopausal older

NOTE Confidence: 0.92744742

00:06:34.260 --> 00:06:37.760 sister all have a history of breast cancer.

NOTE Confidence: 0.92744742

00:06:37.760 --> 00:06:40.058 So questions regarding this case are

NOTE Confidence: 0.92744742

00:06:40.058 --> 00:06:41.994 what screening imaging is recommended

NOTE Confidence: 0.92744742

00:06:41.994 --> 00:06:44.666 in light of her family history and at

NOTE Confidence: 0.92744742

00:06:44.666 --> 00:06:47.480 what intervals is genetic testing indicated?

NOTE Confidence: 0.92744742

00:06:47.480 --> 00:06:49.510 What tests and how is it best

NOTE Confidence: 0.92744742

00:06:49.510 --> 00:06:50.380 to arrange that?

NOTE Confidence: 0.92744742

00:06:50.380 --> 00:06:52.148 And what, if any,

NOTE Confidence: 0.92744742

00:06:52.148 --> 00:06:53.916 preventative strategies are recommended

NOTE Confidence: 0.92744742

00:06:53.916 --> 00:06:55.480 regarding prophylaxis or surgery?

NOTE Confidence: 0.92744742

00:06:55.480 --> 00:06:57.172 And so Doctor Greenup is going

NOTE Confidence: 0.92744742

00:06:57.172 --> 00:06:58.300 to take this on.

NOTE Confidence: 0.92744742

00:06:58.300 --> 00:06:58.880 Thank you,

NOTE Confidence: 0.92744742

00:06:58.880 --> 00:06:59.170 Rachel.

NOTE Confidence: 0.911390198

00:07:00.150 --> 00:07:01.840 Thank you for having me.

NOTE Confidence: 0.911390198

00:07:01.840 --> 00:07:04.521 So breast cancer screening has been a

NOTE Confidence: 0.911390198

00:07:04.521 --> 00:07:07.737 topic of great controversy for many years.

NOTE Confidence: 0.911390198

00:07:07.740 --> 00:07:09.735 And it flares up in the lay

NOTE Confidence: 0.911390198

00:07:09.735 --> 00:07:11.538 press every three to five years.

NOTE Confidence: 0.911390198

00:07:11.540 --> 00:07:13.445 Every different society

NOTE Confidence: 0.911390198

00:07:13.445 --> 00:07:15.350 has specific guidelines,

NOTE Confidence: 0.911390198

00:07:15.350 --> 00:07:17.562 but the next slide will show you

NOTE Confidence: 0.911390198

00:07:17.562 --> 00:07:20.251 that the US Preventive Task Force

NOTE Confidence: 0.911390198

00:07:20.251 --> 00:07:21.905 guideline demonstrates that women

NOTE Confidence: 0.911390198

00:07:21.905 --> 00:07:24.095 under 50 screening should be made

NOTE Confidence: 0.911390198

00:07:24.095 --> 00:07:26.486 on an individual basis and take

NOTE Confidence: 0.911390198

00:07:26.486 --> 00:07:28.054 patient context into account.

NOTE Confidence: 0.911390198

00:07:28.060 --> 00:07:30.106 So certainly a strong family history.

NOTE Confidence: 0.911390198

00:07:30.110 --> 00:07:32.790 We recommend women begin screening

NOTE Confidence: 0.911390198

00:07:32.790 --> 00:07:35.470 with annual mammogram and or

NOTE Confidence: 0.911390198

00:07:35.560 --> 00:07:38.370 ultrasound based on the youngest.

NOTE Confidence: 0.911390198

00:07:38.370 --> 00:07:39.940 Age of the individual and

NOTE Confidence: 0.911390198

00:07:39.940 --> 00:07:41.196 their family at diagnosis.

NOTE Confidence: 0.911390198

00:07:41.200 --> 00:07:42.019 So for example,

NOTE Confidence: 0.911390198

00:07:42.019 --> 00:07:43.930 in this 35 year old woman who

NOTE Confidence: 0.911390198

00:07:43.998 --> 00:07:45.576 had a history of a mother,

NOTE Confidence: 0.911390198

00:07:45.580 --> 00:07:46.620 maternal aunt,

NOTE Confidence: 0.911390198

00:07:46.620 --> 00:07:48.700 and premenopausal older sister,

NOTE Confidence: 0.911390198

00:07:48.700 --> 00:07:51.507 we would think about the ages of

NOTE Confidence: 0.911390198

00:07:51.507 --> 00:07:53.251 their diagnosis and recommend

NOTE Confidence: 0.911390198

00:07:53.251 --> 00:07:56.023 screening for her about 10 years

NOTE Confidence: 0.911390198

00:07:56.023 --> 00:07:58.960 younger than that earliest diagnosis.

NOTE Confidence: 0.911390198

00:07:58.960 --> 00:08:01.150 the US Preventive Task Force

NOTE Confidence: 0.911390198

00:08:01.150 --> 00:08:02.902 guidelines were most controversial

NOTE Confidence: 0.911390198

00:08:02.902 --> 00:08:04.942 because they did recommend that

NOTE Confidence: 0.911390198

00:08:04.942 --> 00:08:06.857 screening could be considered in

NOTE Confidence: 0.911390198

00:08:06.857 --> 00:08:08.905 every other year in women 50 to.

NOTE Confidence: 0.911390198

00:08:08.910 --> 00:08:11.208 74 and they actually said that

NOTE Confidence: 0.911390198

00:08:11.208 --> 00:08:13.289 there was potentially no benefit

NOTE Confidence: 0.911390198

00:08:13.289 --> 00:08:15.669 to clinical breast exam patients.

NOTE Confidence: 0.911390198

00:08:15.670 --> 00:08:17.608 Asked us about this a lot.

NOTE Confidence: 0.911390198

00:08:17.610 --> 00:08:19.644 I still encourage women who are

NOTE Confidence: 0.911390198

00:08:19.644 --> 00:08:21.000 comfortable doing a monthly

NOTE Confidence: 0.911390198

00:08:21.062 --> 00:08:22.267 breast exam to do so.

NOTE Confidence: 0.911390198

00:08:22.270 --> 00:08:23.986 Regardless of what the data shows,

NOTE Confidence: 0.911390198

00:08:23.990 --> 00:08:26.252 we still meet many women who

NOTE Confidence: 0.911390198

00:08:26.252 --> 00:08:28.370 find their own breast cancer.

NOTE Confidence: 0.911390198

00:08:28.370 --> 00:08:30.806 The next slide shows the American

NOTE Confidence: 0.911390198

00:08:30.806 --> 00:08:32.024 Cancer Society guidelines,

NOTE Confidence: 0.911390198

00:08:32.030 --> 00:08:34.466 and again, this is what most of

NOTE Confidence: 0.911390198

00:08:34.466 --> 00:08:37.028 us in academic programs adhere to,

NOTE Confidence: 0.911390198

00:08:37.030 --> 00:08:37.992 which includes.

NOTE Confidence: 0.911390198

00:08:37.992 --> 00:08:41.359 Annual screening for women 40 to 44,

NOTE Confidence: 0.911390198

00:08:41.360 --> 00:08:43.910 again lifetime risk should be

NOTE Confidence: 0.911390198

00:08:43.910 --> 00:08:45.665 considered and then switching

NOTE Confidence: 0.911390198

00:08:45.665 --> 00:08:47.740 to mammograms every two years

NOTE Confidence: 0.911390198

00:08:47.740 --> 00:08:49.878 as women are 55 and older,

NOTE Confidence: 0.911390198

00:08:49.880 --> 00:08:51.504 again depending on risk.

NOTE Confidence: 0.911390198

00:08:51.504 --> 00:08:53.940 The next slide shows the American

NOTE Confidence: 0.911390198

00:08:54.019 --> 00:08:56.544 Society of Breast surgeons position

NOTE Confidence: 0.911390198

00:08:56.544 --> 00:08:59.069 statement on screening mammogram and

NOTE Confidence: 0.911390198

00:08:59.141 --> 00:09:02.221 this came out in 2019 in response to

NOTE Confidence: 0.911390198

00:09:02.221 --> 00:09:03.870 differing opinions around frequency

NOTE Confidence: 0.911390198

00:09:03.870 --> 00:09:06.480 and type of imaging for average

NOTE Confidence: 0.911390198

00:09:06.480 --> 00:09:08.978 risk women and these guidelines.

NOTE Confidence: 0.911390198

00:09:08.980 --> 00:09:10.504 Really thoughtful in considering

NOTE Confidence: 0.911390198

00:09:10.504 --> 00:09:12.790 not only family history but also

NOTE Confidence: 0.911390198

00:09:12.851 --> 00:09:14.791 breast density and the value

NOTE Confidence: 0.911390198

00:09:14.791 --> 00:09:15.955 of supplemental imaging.

NOTE Confidence: 0.911390198

00:09:15.960 --> 00:09:17.425 And I recommend if anyone's

NOTE Confidence: 0.911390198

00:09:17.425 --> 00:09:19.499 interested you can go on the SBS

NOTE Confidence: 0.911390198

00:09:19.499 --> 00:09:21.424 website and look at these in detail.

NOTE Confidence: 0.911390198

00:09:21.430 --> 00:09:24.616 But the next slide will outline.

NOTE Confidence: 0.911390198

00:09:24.620 --> 00:09:27.574 When women, certainly who have breast cancer,

NOTE Confidence: 0.911390198

00:09:27.580 --> 00:09:27.993 was,

NOTE Confidence: 0.911390198

00:09:27.993 --> 00:09:30.884 we see a finding on mammogram followed

NOTE Confidence: 0.911390198

00:09:30.884 --> 00:09:33.090 by ultrasound plus minus biopsy.

NOTE Confidence: 0.911390198

00:09:33.090 --> 00:09:34.088 Next slide.

NOTE Confidence: 0.911390198

00:09:34.088 --> 00:09:37.082 If there's any concern about density

NOTE Confidence: 0.911390198

00:09:37.082 --> 00:09:39.987 or family history being exacerbated,

NOTE Confidence: 0.911390198

00:09:39.987 --> 00:09:44.169 inclusion of MRI, 3D mammography screening,

NOTE Confidence: 0.911390198

00:09:44.170 --> 00:09:46.202 ultrasound or supplemental imaging

NOTE Confidence: 0.911390198

00:09:46.202 --> 00:09:48.742 such as contrast enhanced mammography,

NOTE Confidence: 0.911390198

00:09:48.750 --> 00:09:51.186 which is a less common currently

NOTE Confidence: 0.911390198

00:09:51.186 --> 00:09:52.404 across the country,

NOTE Confidence: 0.911390198

00:09:52.410 --> 00:09:55.028 but we're hoping to launch that in

NOTE Confidence: 0.911390198

00:09:55.028 --> 00:09:57.567 our smilow network in the near future.

NOTE Confidence: 0.911390198

00:09:57.570 --> 00:10:01.266 There's opportunities to do so without

NOTE Confidence: 0.911390198

00:10:01.266 --> 00:10:03.730 pushback from insurance coverage.

NOTE Confidence: 0.911390198

00:10:03.730 --> 00:10:06.598 In terms of screening or testing

NOTE Confidence: 0.911390198

00:10:06.598 --> 00:10:09.370 for a hereditary Cancer syndrome,

NOTE Confidence: 0.911390198

00:10:09.370 --> 00:10:10.338 next slide,

NOTE Confidence: 0.911390198

00:10:10.338 --> 00:10:13.242 we typically depended on the NCCN

NOTE Confidence: 0.911390198

00:10:13.242 --> 00:10:16.386 guidelines and these as many of you know,

NOTE Confidence: 0.911390198

00:10:16.390 --> 00:10:19.064 we're really based on both a personal

NOTE Confidence: 0.911390198

00:10:19.064 --> 00:10:21.455 history of breast cancer and a

NOTE Confidence: 0.911390198

00:10:21.455 --> 00:10:23.410 family history of breast cancer.

NOTE Confidence: 0.911390198

00:10:23.410 --> 00:10:25.375 It looked at potential for

NOTE Confidence: 0.911390198

00:10:25.375 --> 00:10:27.876 genetic testing for BRCA one and

NOTE Confidence: 0.911390198

00:10:27.876 --> 00:10:29.268 two mutation carriers,

NOTE Confidence: 0.890873813636364

00:10:29.270 --> 00:10:31.860 any woman 45 or younger women younger

NOTE Confidence: 0.890873813636364

00:10:31.860 --> 00:10:34.891 than 50 with first, second or third.

NOTE Confidence: 0.890873813636364

00:10:34.891 --> 00:10:37.693 3 relatives women with family history

NOTE Confidence: 0.890873813636364

00:10:37.693 --> 00:10:40.540 of both breast and GYN cancers,

NOTE Confidence: 0.890873813636364

00:10:40.540 --> 00:10:42.468 including ovarian or fallopian

NOTE Confidence: 0.890873813636364

00:10:42.468 --> 00:10:44.396 tube or primary peritoneal,

NOTE Confidence: 0.890873813636364

00:10:44.400 --> 00:10:47.068 it did account for.

NOTE Confidence: 0.890873813636364

00:10:47.068 --> 00:10:49.069 Bilateral breast cancer,

NOTE Confidence: 0.890873813636364

00:10:49.070 --> 00:10:51.465 triple negative phenotype under age

NOTE Confidence: 0.890873813636364

00:10:51.465 --> 00:10:54.423 60 and individuals with strong family

NOTE Confidence: 0.890873813636364

00:10:54.423 --> 00:10:57.345 history of Melanoma and pancreas cancer.

NOTE Confidence: 0.890873813636364

00:10:57.350 --> 00:10:59.260 Next slide.

NOTE Confidence: 0.890873813636364

00:10:59.260 --> 00:11:01.705 Again, the American Society of

NOTE Confidence: 0.890873813636364

00:11:01.705 --> 00:11:04.150 Breast Surgeons did update our

NOTE Confidence: 0.890873813636364

00:11:04.238 --> 00:11:06.488 genetic testing for hereditary breast

NOTE Confidence: 0.890873813636364

00:11:06.488 --> 00:11:09.020 cancer guidelines to say that any

NOTE Confidence: 0.890873813636364

00:11:09.090 --> 00:11:11.262 woman with a known breast cancer

NOTE Confidence: 0.890873813636364

00:11:11.262 --> 00:11:13.737 should have access to a genetic

NOTE Confidence: 0.890873813636364

00:11:13.737 --> 00:11:15.657 counseling and potential testing,

NOTE Confidence: 0.890873813636364

00:11:15.660 --> 00:11:18.414 knowing that a broad genetic testing

NOTE Confidence: 0.890873813636364

00:11:18.414 --> 00:11:20.785 panels can include variants of

NOTE Confidence: 0.890873813636364

00:11:20.785 --> 00:11:23.060 unknown significance that can cause

NOTE Confidence: 0.890873813636364

00:11:23.060 --> 00:11:25.845 difficulty in discussions and are

NOTE Confidence: 0.890873813636364

00:11:25.845 --> 00:11:28.073 often not clinically actionable.

NOTE Confidence: 0.890873813636364

00:11:28.080 --> 00:11:30.026 And I think that brings us to

NOTE Confidence: 0.890873813636364

00:11:30.026 --> 00:11:31.340 our screening key points.

NOTE Confidence: 0.853569865833333

00:11:34.120 --> 00:11:36.742 And the final is that average

NOTE Confidence: 0.853569865833333

00:11:36.742 --> 00:11:39.829 risk women who need screening can.

NOTE Confidence: 0.853569865833333

00:11:39.830 --> 00:11:41.550 Be considered for every other

NOTE Confidence: 0.853569865833333

00:11:41.550 --> 00:11:43.270 year starting at age 50,

NOTE Confidence: 0.853569865833333

00:11:43.270 --> 00:11:45.694 but all current guidelines recommend we

NOTE Confidence: 0.853569865833333

00:11:45.694 --> 00:11:48.350 account for patient family history and

NOTE Confidence: 0.853569865833333

00:11:48.350 --> 00:11:50.306 personal history including biopsies.

NOTE Confidence: 0.853569865833333

00:11:50.310 --> 00:11:52.374 We should consider screening

NOTE Confidence: 0.853569865833333

00:11:52.374 --> 00:11:56.050 every year in women 40 or over.

NOTE Confidence: 0.853569865833333

00:11:56.050 --> 00:11:58.297 It's important to screen women 25 and

NOTE Confidence: 0.853569865833333

00:11:58.297 --> 00:12:00.680 over for higher risk of breast cancer

NOTE Confidence: 0.853569865833333

00:12:00.680 --> 00:12:02.714 and include that on their imaging.

NOTE Confidence: 0.853569865833333

00:12:02.720 --> 00:12:05.702 That will help our radiology colleagues

NOTE Confidence: 0.853569865833333

00:12:05.702 --> 00:12:07.690 think about supplemental ultrasound

NOTE Confidence: 0.853569865833333

00:12:07.764 --> 00:12:10.214 and or MRI related to breast density.

NOTE Confidence: 0.853569865833333

00:12:10.220 --> 00:12:12.988 And again, we do have a robust program

NOTE Confidence: 0.853569865833333

00:12:12.988 --> 00:12:15.920 at the breast center that includes

NOTE Confidence: 0.853569865833333

00:12:15.920 --> 00:12:19.085 breast surgery EP's who can help absorb

NOTE Confidence: 0.853569865833333

00:12:19.085 --> 00:12:21.678 these patients if they need a medical

NOTE Confidence: 0.853569865833333

00:12:21.678 --> 00:12:23.706 home for their Breast Cancer Care.

NOTE Confidence: 0.890291975294118

00:12:27.900 --> 00:12:30.096 Thank you. So now we're we're

NOTE Confidence: 0.890291975294118

00:12:30.096 --> 00:12:32.402 taking this same patient and moving

NOTE Confidence: 0.890291975294118

00:12:32.402 --> 00:12:34.337 her through the process here.

NOTE Confidence: 0.890291975294118

00:12:34.340 --> 00:12:36.764 Now she's presenting at age 49

NOTE Confidence: 0.890291975294118

00:12:36.764 --> 00:12:38.840 with a palpable breast mass.

NOTE Confidence: 0.890291975294118

00:12:38.840 --> 00:12:41.104 And so when we come to this case

NOTE Confidence: 0.890291975294118

00:12:41.104 --> 00:12:43.111 the questions that come up are

NOTE Confidence: 0.890291975294118

00:12:43.111 --> 00:12:44.831 what are the appropriate imaging

NOTE Confidence: 0.890291975294118

00:12:44.831 --> 00:12:47.090 orders and what is the appropriate

NOTE Confidence: 0.890291975294118

00:12:47.090 --> 00:12:48.935 method for referring for biopsy.

NOTE Confidence: 0.890291975294118

00:12:48.940 --> 00:12:51.040 Should the patient go straight to

NOTE Confidence: 0.890291975294118

00:12:51.040 --> 00:12:53.258 surgery should be a radiological biopsy

NOTE Confidence: 0.890291975294118

00:12:53.258 --> 00:12:56.266 and if the if the biopsy is positive?

NOTE Confidence: 0.890291975294118

00:12:56.270 --> 00:12:58.280 What's the order of referral and

NOTE Confidence: 0.890291975294118

00:12:58.280 --> 00:13:00.630 when should she see oncology in

NOTE Confidence: 0.890291975294118

00:13:00.630 --> 00:13:02.980 relationship to her definitive surgery?

NOTE Confidence: 0.890291975294118

00:13:02.980 --> 00:13:05.077 I believe Rachel is taking this one as well.

NOTE Confidence: 0.837231176

00:13:06.460 --> 00:13:09.628 Yeah. So it's certainly a 49 year old woman

NOTE Confidence: 0.837231176

00:13:09.628 --> 00:13:11.800 with a palpable breast mass initially

NOTE Confidence: 0.837231176

00:13:11.869 --> 00:13:14.237 should undergo diagnostic mammogram,

NOTE Confidence: 0.837231176

00:13:14.240 --> 00:13:16.670 a diagnostic ultrasound and certainly

NOTE Confidence: 0.837231176

00:13:16.670 --> 00:13:19.100 consideration of MRI based on

NOTE Confidence: 0.837231176

00:13:19.173 --> 00:13:21.638 breast density is very reasonable.

NOTE Confidence: 0.837231176

00:13:21.640 --> 00:13:23.590 I typically have this discussion

NOTE Confidence: 0.837231176

00:13:23.590 --> 00:13:24.760 with our radiologist.

NOTE Confidence: 0.837231176

00:13:24.760 --> 00:13:26.755 Sometimes the reports will say

NOTE Confidence: 0.837231176

00:13:26.755 --> 00:13:28.750 things such as extremely dense

NOTE Confidence: 0.837231176

00:13:28.818 --> 00:13:30.518 breast MRI is recommended.

NOTE Confidence: 0.837231176

00:13:30.520 --> 00:13:32.332 Other times it's valuable to think

NOTE Confidence: 0.837231176

00:13:32.332 --> 00:13:34.822 about the pros and cons of the MRI

NOTE Confidence: 0.837231176

00:13:34.822 --> 00:13:36.342 in partnership with the patient.

NOTE Confidence: 0.837231176

00:13:36.350 --> 00:13:40.144 Ourselves at Yale are we do refer

NOTE Confidence: 0.837231176

00:13:40.144 --> 00:13:42.881 these women for biopsy and or second

NOTE Confidence: 0.837231176

00:13:42.881 --> 00:13:45.317 opinion if the imaging is done

NOTE Confidence: 0.837231176

00:13:45.317 --> 00:13:47.726 outside so that women can get both

NOTE Confidence: 0.837231176

00:13:47.726 --> 00:13:50.453 a face to face consultation with a

NOTE Confidence: 0.837231176

00:13:50.453 --> 00:13:53.339 provider in our breast center and

NOTE Confidence: 0.837231176

00:13:53.339 --> 00:13:56.691 also have a formal review of their

NOTE Confidence: 0.837231176

00:13:56.691 --> 00:13:59.219 screening imaging that led to the.

NOTE Confidence: 0.837231176

00:13:59.220 --> 00:14:02.568 The work up or the the area of concern

NOTE Confidence: 0.837231176

00:14:02.568 --> 00:14:05.072 screening imaging being their annual

NOTE Confidence: 0.837231176

00:14:05.072 --> 00:14:07.632 imaging that caught the abnormality

NOTE Confidence: 0.837231176

00:14:07.632 --> 00:14:10.329 and diagnostic being the additional

NOTE Confidence: 0.837231176

00:14:10.329 --> 00:14:12.959 workup that led to diagnosis.

NOTE Confidence: 0.837231176

00:14:12.960 --> 00:14:15.162 When we think about breast surgery

NOTE Confidence: 0.837231176

00:14:15.162 --> 00:14:17.119 and typically our breast surgeons

NOTE Confidence: 0.837231176

00:14:17.119 --> 00:14:19.204 are the first frontline providers

NOTE Confidence: 0.837231176

00:14:19.204 --> 00:14:20.872 that see these patients,

NOTE Confidence: 0.837231176

00:14:20.880 --> 00:14:22.296 there are many options.

NOTE Confidence: 0.837231176

00:14:22.296 --> 00:14:24.913 So women who are eligible with small

NOTE Confidence: 0.837231176

00:14:24.913 --> 00:14:27.043 breast cancers can undergo lumpectomy

NOTE Confidence: 0.837231176

00:14:27.043 --> 00:14:29.928 or mastectomy if they are found to

NOTE Confidence: 0.837231176

00:14:29.928 --> 00:14:32.154 not have a hereditary cancer syndrome.

NOTE Confidence: 0.837231176

00:14:32.160 --> 00:14:34.911 And we know their risk of local

NOTE Confidence: 0.837231176

00:14:34.911 --> 00:14:36.380 recurrence remains very low

NOTE Confidence: 0.837231176

00:14:36.380 --> 00:14:38.036 lumpectomies are shorter surgeries.

NOTE Confidence: 0.837231176

00:14:38.036 --> 00:14:40.520 We can do that in conjunction

NOTE Confidence: 0.837231176

00:14:40.589 --> 00:14:42.374 with Aqua plastic surgery either

NOTE Confidence: 0.837231176

00:14:42.374 --> 00:14:44.159 reduction or a lift we.

NOTE Confidence: 0.837231176

00:14:44.160 --> 00:14:46.080 Typically recommend that women

NOTE Confidence: 0.837231176

00:14:46.080 --> 00:14:49.466 less than 70 years old with a

NOTE Confidence: 0.837231176

00:14:49.466 --> 00:14:52.426 triple negative or her two positive

NOTE Confidence: 0.837231176

00:14:52.426 --> 00:14:54.378 breast cancers have lumpectomy,

NOTE Confidence: 0.837231176

00:14:54.378 --> 00:14:55.590 followed by radiation.

NOTE Confidence: 0.837231176

00:14:55.590 --> 00:14:57.702 There are some exceptions and older

NOTE Confidence: 0.837231176

00:14:57.702 --> 00:14:59.555 women with favorable hormone receptor

NOTE Confidence: 0.837231176

00:14:59.555 --> 00:15:01.115 positive breast cancers where

NOTE Confidence: 0.837231176

00:15:01.115 --> 00:15:03.065 radiation can be safely omitted.

NOTE Confidence: 0.837231176

00:15:03.070 --> 00:15:04.710 The recovery time is shorter.

NOTE Confidence: 0.837231176

00:15:04.710 --> 00:15:06.492 I always tell patients they get

NOTE Confidence: 0.837231176

00:15:06.492 --> 00:15:08.670 back to their lives a little sooner

NOTE Confidence: 0.837231176

00:15:08.670 --> 00:15:10.524 and the complication rate is low

NOTE Confidence: 0.837231176

00:15:10.524 --> 00:15:12.409 when we think about mastectomy.

NOTE Confidence: 0.837231176

00:15:12.410 --> 00:15:14.370 It's a bigger surgery when we add.

NOTE Confidence: 0.837231176

00:15:14.370 --> 00:15:14.802 Reconstruction.

NOTE Confidence: 0.837231176

00:15:14.802 --> 00:15:17.394 That's a second really important layer

NOTE Confidence: 0.837231176

00:15:17.394 --> 00:15:19.460 from a psychosocial perspective,

NOTE Confidence: 0.837231176

00:15:19.460 --> 00:15:21.720 but does not contribute to

NOTE Confidence: 0.837231176

00:15:21.720 --> 00:15:23.076 improve cancer outcomes.

NOTE Confidence: 0.837231176

00:15:23.080 --> 00:15:26.500 Many women with small tumors after

NOTE Confidence: 0.837231176

00:15:26.500 --> 00:15:28.780 mastectomy won't need radiation.

NOTE Confidence: 0.837231176

00:15:28.780 --> 00:15:30.940 They can be exposed to several

NOTE Confidence: 0.837231176

00:15:30.940 --> 00:15:33.281 surgeries and or revisions and there's

NOTE Confidence: 0.837231176

00:15:33.281 --> 00:15:35.366 a higher rates of complications

NOTE Confidence: 0.837231176

00:15:35.366 --> 00:15:37.566 especially if patients are smokers

NOTE Confidence: 0.837231176

00:15:37.566 --> 00:15:39.776 have diabetes or other comorbidities.

NOTE Confidence: 0.837231176

00:15:39.780 --> 00:15:42.500 Next slide and these are just some pictures

NOTE Confidence: 0.837231176

00:15:42.500 --> 00:15:44.680 that everyone on the call is aware of.

NOTE Confidence: 0.837231176

00:15:44.680 --> 00:15:46.296 Lumpectomy means we're removing

NOTE Confidence: 0.837231176

00:15:46.296 --> 00:15:48.316 the tumor with negative margins

NOTE Confidence: 0.837231176

00:15:48.316 --> 00:15:50.059 typically following by radiation.

NOTE Confidence: 0.837231176

00:15:50.060 --> 00:15:53.116 Next slide we used to be very reliant

NOTE Confidence: 0.837231176

00:15:53.116 --> 00:15:55.654 on radiology putting a wire in next

NOTE Confidence: 0.837231176

00:15:55.654 --> 00:15:58.575 slide and now we have the improved.

NOTE Confidence: 0.837231176

00:15:58.575 --> 00:16:00.240 Sophisticated technology like

NOTE Confidence: 0.837231176

00:16:00.240 --> 00:16:03.015 radioactive seeds or tag localizers

NOTE Confidence: 0.837231176

00:16:03.015 --> 00:16:05.553 that women can have placed up to

NOTE Confidence: 0.837231176

00:16:05.553 --> 00:16:08.010 five days prior to their lumpectomy

NOTE Confidence: 0.837231176

00:16:08.010 --> 00:16:12.168 without needing to have the wire.

NOTE Confidence: 0.837231176

00:16:12.170 --> 00:16:13.864 Out of their breasted day of surgery,

NOTE Confidence: 0.837231176

00:16:13.870 --> 00:16:14.990 we also have good data.

NOTE Confidence: 0.837231176

00:16:14.990 --> 00:16:16.355 It's more comfortable,

NOTE Confidence: 0.837231176

00:16:16.355 --> 00:16:18.175 patients have better satisfaction

NOTE Confidence: 0.837231176

00:16:18.175 --> 00:16:20.995 and their margin rates are improved

NOTE Confidence: 0.837231176

00:16:20.995 --> 00:16:22.847 with smaller resection specimens.

NOTE Confidence: 0.837231176

00:16:22.850 --> 00:16:25.650 Next slide when we think about mastectomy

NOTE Confidence: 0.837231176

00:16:25.650 --> 00:16:27.769 obviously that's removing all of the

NOTE Confidence: 0.837231176

00:16:27.769 --> 00:16:29.771 breast tissue that can happen with or

NOTE Confidence: 0.866936743181818

00:16:29.837 --> 00:16:31.209 without reconstruction.

NOTE Confidence: 0.866936743181818

00:16:31.210 --> 00:16:34.388 We have a great group of reconstructive

NOTE Confidence: 0.866936743181818

00:16:34.388 --> 00:16:36.694 surgeons across the region that

NOTE Confidence: 0.866936743181818

00:16:36.694 --> 00:16:39.118 do both implant based and micro

NOTE Confidence: 0.866936743181818

00:16:39.118 --> 00:16:40.775 vascular reconstruction and we're

NOTE Confidence: 0.866936743181818

00:16:40.775 --> 00:16:42.670 doing an increasing number of.

NOTE Confidence: 0.866936743181818

00:16:42.670 --> 00:16:44.059 Media implant reconstruction,

NOTE Confidence: 0.866936743181818

00:16:44.059 --> 00:16:45.911 which does consolidate the

NOTE Confidence: 0.866936743181818

00:16:45.911 --> 00:16:48.180 recovery time for our patients.

NOTE Confidence: 0.866936743181818

00:16:48.180 --> 00:16:50.700 Next, I think one of the things that

NOTE Confidence: 0.866936743181818

00:16:50.700 --> 00:16:53.080 comes up a lot when I meet women,

NOTE Confidence: 0.866936743181818

00:16:53.080 --> 00:16:54.466 especially our younger

NOTE Confidence: 0.866936743181818

00:16:54.466 --> 00:16:56.314 patients like this one.

NOTE Confidence: 0.866936743181818

00:16:56.320 --> 00:16:58.306 As the discussion about whether there's

NOTE Confidence: 0.866936743181818

00:16:58.306 --> 00:17:00.100 benefit of removing their healthy

NOTE Confidence: 0.866936743181818

00:17:00.100 --> 00:17:01.752 opposite breast through prophylactic

NOTE Confidence: 0.866936743181818

00:17:01.752 --> 00:17:03.817 mastectomy on the contralateral side

NOTE Confidence: 0.866936743181818

00:17:03.870 --> 00:17:05.620 and the rates of this has actually

NOTE Confidence: 0.866936743181818

00:17:05.620 --> 00:17:08.227 tripled in the last few decades,

NOTE Confidence: 0.866936743181818

00:17:08.227 --> 00:17:11.322 probably related to cultural and

NOTE Confidence: 0.866936743181818

00:17:11.322 --> 00:17:15.448 kind of pop culture conversations.

NOTE Confidence: 0.866936743181818

00:17:15.450 --> 00:17:17.487 We know that after one breast cancer,

NOTE Confidence: 0.866936743181818

00:17:17.490 --> 00:17:19.314 a woman's risk of a contralateral

NOTE Confidence: 0.866936743181818

00:17:19.314 --> 00:17:20.226 cancer is low.

NOTE Confidence: 0.866936743181818

00:17:20.230 --> 00:17:23.520 It's between .1 and .5% per year,

NOTE Confidence: 0.866936743181818

00:17:23.520 --> 00:17:25.530 and that removing a healthy breast

NOTE Confidence: 0.866936743181818

00:17:25.530 --> 00:17:27.514 outside of a hereditary cancer

NOTE Confidence: 0.866936743181818

00:17:27.514 --> 00:17:29.604 syndrome does not improve survival.

NOTE Confidence: 0.866936743181818

00:17:29.610 --> 00:17:31.990 And there is also an associated higher

NOTE Confidence: 0.866936743181818

00:17:31.990 --> 00:17:34.829 risk when we do more surgery inherent

NOTE Confidence: 0.866936743181818

00:17:34.829 --> 00:17:37.014 to things like bleeding infection.

NOTE Confidence: 0.866936743181818

00:17:37.020 --> 00:17:39.525 But ultimately our patients do

NOTE Confidence: 0.866936743181818

00:17:39.525 --> 00:17:41.529 report that sometimes cosmetic

NOTE Confidence: 0.866936743181818

00:17:41.529 --> 00:17:44.163 outcomes and a Peace of Mind are

NOTE Confidence: 0.866936743181818

00:17:44.163 --> 00:17:45.830 reasons that prompt them to.

NOTE Confidence: 0.866936743181818

00:17:45.830 --> 00:17:48.590 Pursue a double mastectomy.

NOTE Confidence: 0.866936743181818

00:17:48.590 --> 00:17:49.970 Next slide.

NOTE Confidence: 0.866936743181818

00:17:49.970 --> 00:17:51.854 When women need radiation,

NOTE Confidence: 0.866936743181818

00:17:51.854 --> 00:17:54.209 this is external beam radiation.

NOTE Confidence: 0.866936743181818

00:17:54.210 --> 00:17:54.890 It's painless.

NOTE Confidence: 0.866936743181818

00:17:54.890 --> 00:17:56.590 They usually get five days

NOTE Confidence: 0.866936743181818

00:17:56.590 --> 00:17:58.730 a week for one to 10 weeks.

NOTE Confidence: 0.866936743181818

00:17:58.730 --> 00:18:00.800 It's cumulative, so side effects tend

NOTE Confidence: 0.866936743181818

00:18:00.800 --> 00:18:03.270 to come later or towards the end.

NOTE Confidence: 0.866936743181818

00:18:03.270 --> 00:18:05.370 This is things like sunburning,

NOTE Confidence: 0.866936743181818

00:18:05.370 --> 00:18:08.550 fatigue, low risk of secondary cancers.

NOTE Confidence: 0.866936743181818

00:18:08.550 --> 00:18:10.540 Next slide.

NOTE Confidence: 0.866936743181818

00:18:10.540 --> 00:18:11.920 And there can be swelling,

NOTE Confidence: 0.866936743181818

00:18:11.920 --> 00:18:12.744 redness, cough,

NOTE Confidence: 0.866936743181818

00:18:12.744 --> 00:18:13.980 shortness of breath.

NOTE Confidence: 0.866936743181818

00:18:13.980 --> 00:18:16.052 Some of this related to the site

NOTE Confidence: 0.866936743181818

00:18:16.052 --> 00:18:17.600 that receives the radiation.

NOTE Confidence: 0.866936743181818

00:18:17.600 --> 00:18:19.845 But our radiation colleagues have

NOTE Confidence: 0.866936743181818

00:18:19.845 --> 00:18:21.641 improved techniques to avoid

NOTE Confidence: 0.866936743181818

00:18:21.641 --> 00:18:23.380 Android to heart and lungs,

NOTE Confidence: 0.866936743181818

00:18:23.380 --> 00:18:25.914 and they continue to work towards shorter,

NOTE Confidence: 0.866936743181818

00:18:25.920 --> 00:18:27.750 abbreviated courses.

NOTE Confidence: 0.864225321851852

00:18:33.600 --> 00:18:35.168 Rachel, if we could just go back

NOTE Confidence: 0.864225321851852

00:18:35.168 --> 00:18:36.457 to the beginning of the case

NOTE Confidence: 0.864225321851852

00:18:36.457 --> 00:18:37.773 with the you don't have to go

NOTE Confidence: 0.864225321851852

00:18:37.819 --> 00:18:39.240 all the way back in the slides,

NOTE Confidence: 0.864225321851852

00:18:39.240 --> 00:18:42.236 but just about how you would advise

NOTE Confidence: 0.864225321851852

00:18:42.236 --> 00:18:44.999 this woman with regard to options

NOTE Confidence: 0.864225321851852

00:18:44.999 --> 00:18:47.771 prior to her developing her cancer

NOTE Confidence: 0.864225321851852

00:18:47.771 --> 00:18:50.970 in terms of surgical prophylactic

NOTE Confidence: 0.864225321851852

00:18:50.970 --> 00:18:53.618 surgery or medical therapeutics,

NOTE Confidence: 0.864225321851852

00:18:53.620 --> 00:18:55.870 prophylactic medicine medications.

NOTE Confidence: 0.864225321851852

00:18:55.870 --> 00:18:58.771 What is the, how do you,

NOTE Confidence: 0.864225321851852

00:18:58.771 --> 00:19:00.073 how do you phrase that conversation?

NOTE Confidence: 0.864225321851852

00:19:00.080 --> 00:19:01.879 With her given her risk and whether

NOTE Confidence: 0.864225321851852

00:19:01.879 --> 00:19:03.925 or not if she hasn't known mutation

NOTE Confidence: 0.864225321851852

00:19:03.925 --> 00:19:05.743 or does not have a mutation

NOTE Confidence: 0.864225321851852

00:19:05.803 --> 00:19:07.518 but a profound family history.

NOTE Confidence: 0.921060155

00:19:08.330 --> 00:19:10.868 Yeah, so it's a complicated discussion.

NOTE Confidence: 0.921060155

00:19:10.870 --> 00:19:13.131 I think ideally women will come in

NOTE Confidence: 0.921060155

00:19:13.131 --> 00:19:15.230 early in the process before they're

NOTE Confidence: 0.921060155

00:19:15.230 --> 00:19:18.310 kind of ready to sign up for surgery.

NOTE Confidence: 0.921060155

00:19:18.310 --> 00:19:20.886 I first start by taking a good family

NOTE Confidence: 0.921060155

00:19:20.886 --> 00:19:23.047 history and getting a sense of the

NOTE Confidence: 0.921060155

00:19:23.050 --> 00:19:25.950 level of family member involvement,

NOTE Confidence: 0.921060155

00:19:25.950 --> 00:19:29.268 at what age family members are diagnosed

NOTE Confidence: 0.921060155

00:19:29.268 --> 00:19:32.860 and how those family members have survived

NOTE Confidence: 0.921060155

00:19:32.860 --> 00:19:35.730 or or not survived their breast cancer.

NOTE Confidence: 0.921060155

00:19:35.730 --> 00:19:37.767 We do see families where there's many,

NOTE Confidence: 0.921060155

00:19:37.770 --> 00:19:39.270 many women. With breast cancer,

NOTE Confidence: 0.921060155

00:19:39.270 --> 00:19:41.934 but they're all diagnosed in the

NOTE Confidence: 0.921060155

00:19:41.934 --> 00:19:43.710 postmenopausal setting with screen

NOTE Confidence: 0.921060155

00:19:43.783 --> 00:19:45.618 detected very favorable cancers.

NOTE Confidence: 0.921060155

00:19:45.618 --> 00:19:48.082 And then we see women who have a

NOTE Confidence: 0.921060155

00:19:48.082 --> 00:19:50.319 myriad of young women and their

NOTE Confidence: 0.921060155

00:19:50.319 --> 00:19:52.179 family diagnosed with very highly

NOTE Confidence: 0.921060155

00:19:52.251 --> 00:19:54.496 aggressive breast cancers where the

NOTE Confidence: 0.921060155

00:19:54.496 --> 00:19:56.741 it's probably more time sensitive.

NOTE Confidence: 0.921060155

00:19:56.750 --> 00:19:58.822 As certainly a woman with this strong

NOTE Confidence: 0.921060155

00:19:58.822 --> 00:20:00.250 family history having a mother,

NOTE Confidence: 0.921060155

00:20:00.250 --> 00:20:02.020 maternal aunt and older sister,

NOTE Confidence: 0.921060155

00:20:02.020 --> 00:20:04.890 I would refer her for genetic testing.

NOTE Confidence: 0.921060155

00:20:04.890 --> 00:20:05.358 Ideally,

NOTE Confidence: 0.921060155

00:20:05.358 --> 00:20:08.634 we refer an effective family member first.

NOTE Confidence: 0.921060155

00:20:08.640 --> 00:20:10.910 Because if that person's negative,

NOTE Confidence: 0.921060155

00:20:10.910 --> 00:20:13.418 less likely that the individual in

NOTE Confidence: 0.921060155

00:20:13.418 --> 00:20:16.950 front of us would be a mutation carrier.

NOTE Confidence: 0.921060155

00:20:16.950 --> 00:20:17.335 Again,

NOTE Confidence: 0.921060155

00:20:17.335 --> 00:20:19.260 screening should start about 10

NOTE Confidence: 0.921060155

00:20:19.260 --> 00:20:21.338 years younger than the earliest

NOTE Confidence: 0.921060155

00:20:21.338 --> 00:20:23.210 family member was diagnosed.

NOTE Confidence: 0.921060155

00:20:23.210 --> 00:20:26.171 And my practice for these high risk

NOTE Confidence: 0.921060155

00:20:26.171 --> 00:20:28.585 patients although it it is candidly

NOTE Confidence: 0.921060155

00:20:28.585 --> 00:20:31.070 controversial as to to both a 3D

NOTE Confidence: 0.921060155

00:20:31.149 --> 00:20:33.060 mammogram screening ultrasound

NOTE Confidence: 0.921060155

00:20:33.060 --> 00:20:35.608 alternating with annual MRI.

NOTE Confidence: 0.921060155

00:20:35.610 --> 00:20:37.485 So we're staggering imaging that's

NOTE Confidence: 0.921060155

00:20:37.485 --> 00:20:39.860 being looked at every six months.

NOTE Confidence: 0.921060155

00:20:39.860 --> 00:20:42.036 We do see that some women get fatigued.

NOTE Confidence: 0.921060155

00:20:42.040 --> 00:20:43.360 So it's a shared decision.

NOTE Confidence: 0.921060155

00:20:43.360 --> 00:20:45.364 We work with them together about

NOTE Confidence: 0.921060155

00:20:45.364 --> 00:20:46.700 what what feels good.

NOTE Confidence: 0.921060155

00:20:46.700 --> 00:20:48.830 I have patients that feel very

NOTE Confidence: 0.921060155

00:20:48.830 --> 00:20:50.250 reassured when they're imaging

NOTE Confidence: 0.921060155

00:20:50.317 --> 00:20:52.802 is normal and I patients that are

NOTE Confidence: 0.921060155

00:20:52.802 --> 00:20:54.517 probably overestimate their risk of

NOTE Confidence: 0.921060155

00:20:54.517 --> 00:20:56.554 breast cancer the more imaging we do.

NOTE Confidence: 0.921060155

00:20:56.560 --> 00:20:58.522 So it's important to be thoughtful

NOTE Confidence: 0.921060155

00:20:58.522 --> 00:21:00.909 about how it affects their experience.

NOTE Confidence: 0.82225211

00:21:03.240 --> 00:21:05.520 If she was postmenopausal I,

NOTE Confidence: 0.82225211

00:21:05.520 --> 00:21:07.730 typically the breast tissue becomes

NOTE Confidence: 0.82225211

00:21:07.730 --> 00:21:10.437 fatty or replace we all know

NOTE Confidence: 0.82225211

00:21:10.437 --> 00:21:12.951 that 3D mammography and becomes a

NOTE Confidence: 0.82225211

00:21:12.951 --> 00:21:15.339 becomes easier to interpret and.

NOTE Confidence: 0.82225211

00:21:15.340 --> 00:21:16.885 I think especially if postmenopausal

NOTE Confidence: 0.82225211

00:21:16.885 --> 00:21:19.174 women are nearing end of life or

NOTE Confidence: 0.82225211

00:21:19.174 --> 00:21:20.558 they have multiple comorbidities,

NOTE Confidence: 0.82225211

00:21:20.560 --> 00:21:23.452 discussions around reducing the

NOTE Confidence: 0.82225211

00:21:23.452 --> 00:21:27.067 frequency of imaging is valuable.

NOTE Confidence: 0.82225211

00:21:27.070 --> 00:21:29.303 And we do talk to women about

NOTE Confidence: 0.82225211

00:21:29.303 --> 00:21:31.070 chemo prevention if their family

NOTE Confidence: 0.82225211

00:21:31.070 --> 00:21:32.546 history is very high,

NOTE Confidence: 0.82225211

00:21:32.550 --> 00:21:35.084 certainly if women have both a known

NOTE Confidence: 0.82225211

00:21:35.084 --> 00:21:37.520 BRC 1 mutation and strong family

NOTE Confidence: 0.82225211

00:21:37.520 --> 00:21:39.650 history or bracket 2 mutation.

NOTE Confidence: 0.82225211

00:21:39.650 --> 00:21:40.105 Similarly,

NOTE Confidence: 0.82225211

00:21:40.105 --> 00:21:42.835 we we have good discussions about

NOTE Confidence: 0.82225211

00:21:42.835 --> 00:21:45.019 risk reducing surgery both from

NOTE Confidence: 0.82225211

00:21:45.019 --> 00:21:46.507 a mastectomy perspective and

NOTE Confidence: 0.82225211

00:21:46.507 --> 00:21:48.900 also from a GYN perspective.

NOTE Confidence: 0.847589669411765

00:21:49.890 --> 00:21:51.987 Thank you. I I think Sarah had her hand

NOTE Confidence: 0.847589669411765

00:21:51.987 --> 00:21:53.997 raised and she wanted to comment as well.

NOTE Confidence: 0.847589669411765

00:21:54.000 --> 00:21:55.670 Just wanted, yes, thank you.

NOTE Confidence: 0.847589669411765

00:21:55.670 --> 00:21:57.438 Jill, I just wanted to add to that,

NOTE Confidence: 0.847589669411765

00:21:57.440 --> 00:22:00.037 that sometimes in women who are at

NOTE Confidence: 0.847589669411765

00:22:00.037 --> 00:22:01.857 particularly high risk but don't

NOTE Confidence: 0.847589669411765

00:22:01.857 --> 00:22:04.083 wish to go the the surgical route,

NOTE Confidence: 0.847589669411765

00:22:04.090 --> 00:22:06.676 chemo prevention is a possibility and

NOTE Confidence: 0.847589669411765

00:22:06.676 --> 00:22:08.990 chemo prevention sounds much scarier,

NOTE Confidence: 0.847589669411765

00:22:08.990 --> 00:22:10.950 scarier than it actually is.

NOTE Confidence: 0.847589669411765

00:22:10.950 --> 00:22:12.886 But Chemoprevention just basically

NOTE Confidence: 0.847589669411765

00:22:12.886 --> 00:22:15.306 means tamoxifen or sometimes aromatase

NOTE Confidence: 0.847589669411765

00:22:15.306 --> 00:22:17.638 inhibitors which reduce the risk of

NOTE Confidence: 0.847589669411765

00:22:17.638 --> 00:22:19.423 developing a breast cancer somewhere,

NOTE Confidence: 0.847589669411765

00:22:19.430 --> 00:22:23.660 a relative risk. 30 to 50%.

NOTE Confidence: 0.847589669411765

00:22:23.660 --> 00:22:25.160 Over whatever time period they're

NOTE Confidence: 0.847589669411765

00:22:25.160 --> 00:22:28.240 taking it in, even past that time frame,

NOTE Confidence: 0.847589669411765

00:22:28.240 --> 00:22:32.968 the the issue there.

NOTE Confidence: 0.847589669411765

00:22:32.970 --> 00:22:34.330 The issue there, excuse me,

NOTE Confidence: 0.847589669411765

00:22:34.330 --> 00:22:36.436 what is that that relative risk

NOTE Confidence: 0.847589669411765

00:22:36.436 --> 00:22:38.534 reduction may not translate into a

NOTE Confidence: 0.847589669411765

00:22:38.534 --> 00:22:40.109 large absolute risk reduction and

NOTE Confidence: 0.847589669411765

00:22:40.109 --> 00:22:42.609 that can get a little bit complicated,

NOTE Confidence: 0.847589669411765

00:22:42.610 --> 00:22:45.270 but it's certainly something that we we

NOTE Confidence: 0.847589669411765

00:22:45.270 --> 00:22:49.240 do on occasion for people who are interested.

NOTE Confidence: 0.847589669411765

00:22:49.240 --> 00:22:51.420 Thank you.

NOTE Confidence: 0.847589669411765

00:22:51.420 --> 00:22:53.940 So we'll take our patient who unfortunately

NOTE Confidence: 0.847589669411765

00:22:53.940 --> 00:22:56.728 has surgery and is found to have a

NOTE Confidence: 0.847589669411765

00:22:56.728 --> 00:22:58.373 stage 2A invasive ductal carcinoma.

NOTE Confidence: 0.847589669411765

00:22:58.380 --> 00:23:01.780 The tumor is 2.5 centimeters in grade 3,

NOTE Confidence: 0.847589669411765

00:23:01.780 --> 00:23:03.556 does not involve any lymph nodes,

NOTE Confidence: 0.847589669411765

00:23:03.560 --> 00:23:07.313 and is ER PR positive and her two negative.

NOTE Confidence: 0.847589669411765

00:23:07.320 --> 00:23:09.528 And so we are going to now engage

NOTE Confidence: 0.847589669411765

00:23:09.528 --> 00:23:11.080 in discussion about treatment.

NOTE Confidence: 0.847589669411765

00:23:11.080 --> 00:23:12.800 If she's pre menopausal,

NOTE Confidence: 0.847589669411765

00:23:12.800 --> 00:23:15.380 what is her appropriate adjuvant treatment

NOTE Confidence: 0.847589669411765

00:23:15.452 --> 00:23:17.507 and what factors are considered?

NOTE Confidence: 0.847589669411765

00:23:17.510 --> 00:23:19.946 How is this different if she's

NOTE Confidence: 0.847589669411765

00:23:19.946 --> 00:23:22.469 postmenopausal and how long should she

NOTE Confidence: 0.847589669411765

00:23:22.469 --> 00:23:24.941 be on adjuvant hormonal therapy and

NOTE Confidence: 0.847589669411765

00:23:24.941 --> 00:23:27.748 doctor shellhorn's going to take it away?

NOTE Confidence: 0.847589669411765

00:23:27.750 --> 00:23:28.152 Right.

NOTE Confidence: 0.847589669411765

00:23:28.152 --> 00:23:30.966 So breast cancer treatment in 10 minutes,

NOTE Confidence: 0.847589669411765

00:23:30.970 --> 00:23:31.934 no problem.

NOTE Confidence: 0.847589669411765

00:23:31.934 --> 00:23:32.898 The the,

NOTE Confidence: 0.847589669411765

00:23:32.898 --> 00:23:36.345 the initial approach and Rachel did a

NOTE Confidence: 0.847589669411765

00:23:36.345 --> 00:23:39.147 really lovely job going through the,

NOTE Confidence: 0.847589669411765

00:23:39.150 --> 00:23:41.058 the definitive local management

NOTE Confidence: 0.847589669411765

00:23:41.058 --> 00:23:42.489 of breast cancer.

NOTE Confidence: 0.847589669411765

00:23:42.490 --> 00:23:44.170 When we think about breast cancer,

NOTE Confidence: 0.847589669411765

00:23:44.170 --> 00:23:45.850 they're really three different modalities,

NOTE Confidence: 0.847589669411765

00:23:45.850 --> 00:23:48.349 each of which has a different concern.

NOTE Confidence: 0.847589669411765

00:23:48.350 --> 00:23:50.200 And so very broadly speaking,

NOTE Confidence: 0.847589669411765

00:23:50.200 --> 00:23:51.268 and I know I'm jumping into

NOTE Confidence: 0.847589669411765

00:23:51.268 --> 00:23:52.470 the next slide a little bit,

NOTE Confidence: 0.847589669411765

00:23:52.470 --> 00:23:54.350 but very broadly speaking, surgery,

NOTE Confidence: 0.847589669411765

00:23:54.350 --> 00:23:55.490 the purpose of surgery is,

NOTE Confidence: 0.847589669411765

00:23:55.490 --> 00:23:55.751 is,

NOTE Confidence: 0.847589669411765

00:23:55.751 --> 00:23:58.100 is to take out the cancer and the affected.

NOTE Confidence: 0.847589669411765

00:23:58.100 --> 00:23:58.764 Lymph nodes,

NOTE Confidence: 0.847589669411765

00:23:58.764 --> 00:24:01.088 the areas that we know contain cancer.

NOTE Confidence: 0.847589669411765

00:24:01.090 --> 00:24:04.042 The purpose of radiation is to mop up behind

NOTE Confidence: 0.847589669411765

00:24:04.042 --> 00:24:06.830 the surgeon to to get rid of any micro,

NOTE Confidence: 0.847589669411765

00:24:06.830 --> 00:24:08.258 micro microscopic disease that

NOTE Confidence: 0.847589669411765

00:24:08.258 --> 00:24:10.725 might reside in the breast or the

NOTE Confidence: 0.847589669411765

00:24:10.725 --> 00:24:12.545 OR the XL or other lymph nodes.

NOTE Confidence: 0.847589669411765

00:24:12.550 --> 00:24:14.944 And then the purpose of medical

NOTE Confidence: 0.847589669411765

00:24:14.944 --> 00:24:17.426 oncology or systemic therapy is really

NOTE Confidence: 0.847589669411765

00:24:17.426 --> 00:24:19.862 to reduce the risk of developing

NOTE Confidence: 0.847589669411765

00:24:19.862 --> 00:24:21.808 metastatic disease in the long run.

NOTE Confidence: 0.847589669411765

00:24:21.810 --> 00:24:24.330 So we all have very different concerns.

NOTE Confidence: 0.847589669411765

00:24:24.330 --> 00:24:26.475 The sequencing of treatments can

NOTE Confidence: 0.847589669411765

00:24:26.475 --> 00:24:28.620 be different depending on the

NOTE Confidence: 0.847589669411765

00:24:28.696 --> 00:24:30.220 clinical circumstance.

NOTE Confidence: 0.847589669411765

00:24:30.220 --> 00:24:32.780 Sometimes surgery is done 1st,

NOTE Confidence: 0.847589669411765

00:24:32.780 --> 00:24:34.105 and this is particularly helpful

NOTE Confidence: 0.847589669411765

00:24:34.105 --> 00:24:36.053 to figure out what it is exactly

NOTE Confidence: 0.847589669411765

00:24:36.053 --> 00:24:37.197 that we're dealing with.

NOTE Confidence: 0.847589669411765

00:24:37.200 --> 00:24:38.376 What's the size of the cancer,

NOTE Confidence: 0.847589669411765

00:24:38.380 --> 00:24:40.576 how many lymph nodes are involved.

NOTE Confidence: 0.847589669411765

00:24:40.580 --> 00:24:42.440 You really get a full pathologic

NOTE Confidence: 0.847589669411765

00:24:42.440 --> 00:24:43.680 picture of the cancer,

NOTE Confidence: 0.847589669411765

00:24:43.680 --> 00:24:45.624 and if that is going to be used to

NOTE Confidence: 0.847589669411765

00:24:45.624 --> 00:24:47.273 determine systemic therapy or the need

NOTE Confidence: 0.847589669411765

00:24:47.273 --> 00:24:49.150 for radiation later on down the road,

NOTE Confidence: 0.847589669411765

00:24:49.150 --> 00:24:50.642 that can be helpful.

NOTE Confidence: 0.847589669411765

00:24:50.642 --> 00:24:52.880 Sometimes we use a neoadjuvant approach,

NOTE Confidence: 0.847589669411765

00:24:52.880 --> 00:24:54.056 meaning before surgery,

NOTE Confidence: 0.847589669411765

00:24:54.056 --> 00:24:56.800 to give some sort of systemic therapy

NOTE Confidence: 0.930338536923077

00:24:56.869 --> 00:24:59.316 such as chemotherapy, and this is used

NOTE Confidence: 0.930338536923077

00:24:59.316 --> 00:25:00.686 in generally and more aggressive.

NOTE Confidence: 0.930338536923077

00:25:00.690 --> 00:25:02.850 Cancers or very locally advanced cancers

NOTE Confidence: 0.930338536923077

00:25:02.850 --> 00:25:05.001 when we know that chemotherapy is

NOTE Confidence: 0.930338536923077

00:25:05.001 --> 00:25:07.585 going to be needed and we don't need

NOTE Confidence: 0.930338536923077

00:25:07.647 --> 00:25:09.882 that additional pathology to determine

NOTE Confidence: 0.930338536923077

00:25:09.882 --> 00:25:12.117 what chemotherapy regimen to use.

NOTE Confidence: 0.930338536923077

00:25:12.120 --> 00:25:14.289 So just wanted to give a quick word on

NOTE Confidence: 0.930338536923077

00:25:14.289 --> 00:25:15.713 adjuvant versus neoadjuvant and then

NOTE Confidence: 0.930338536923077

00:25:15.713 --> 00:25:17.763 we'll dive into all of that pathologic

NOTE Confidence: 0.930338536923077

00:25:17.763 --> 00:25:19.884 gobbledygook that Jill told us about in

NOTE Confidence: 0.930338536923077

00:25:19.884 --> 00:25:23.338 terms of this patients biopsy results.

NOTE Confidence: 0.931217102

00:25:26.630 --> 00:25:27.970 Before we do that, however,

NOTE Confidence: 0.931217102

00:25:27.970 --> 00:25:30.418 I've already mentioned over on the

NOTE Confidence: 0.931217102

00:25:30.418 --> 00:25:32.950 right what the roles of surgery,

NOTE Confidence: 0.931217102

00:25:32.950 --> 00:25:36.550 radiation and medical therapy are.

NOTE Confidence: 0.931217102

00:25:36.550 --> 00:25:37.918 Patients often want to

NOTE Confidence: 0.931217102

00:25:37.918 --> 00:25:39.628 know what their stage is.

NOTE Confidence: 0.931217102

00:25:39.630 --> 00:25:43.286 In fact, almost 100% of the time and stage

NOTE Confidence: 0.931217102

00:25:43.286 --> 00:25:46.210 can be thought of in one of two ways.

NOTE Confidence: 0.931217102

00:25:46.210 --> 00:25:47.502 There's the anatomic stage,

NOTE Confidence: 0.931217102

00:25:47.502 --> 00:25:50.112 which relies on the size of the tumor

NOTE Confidence: 0.931217102

00:25:50.112 --> 00:25:52.247 and the presence or absence of lymph

NOTE Confidence: 0.931217102

00:25:52.247 --> 00:25:54.377 nodes and their number to determine.

NOTE Confidence: 0.931217102

00:25:54.380 --> 00:25:57.236 How locally advanced a cancer is.

NOTE Confidence: 0.931217102

00:25:57.240 --> 00:25:59.120 More recently we started incorporating

NOTE Confidence: 0.931217102

00:25:59.120 --> 00:26:01.705 some of those things that were mentioned

NOTE Confidence: 0.931217102

00:26:01.705 --> 00:26:03.966 in the biopsy report that Jill that

NOTE Confidence: 0.931217102

00:26:03.966 --> 00:26:05.964 Jill read earlier including the grade

NOTE Confidence: 0.931217102

00:26:05.964 --> 00:26:08.496 which in this case was Grade 3,

NOTE Confidence: 0.931217102

00:26:08.496 --> 00:26:11.244 the estrogen receptor and the progesterone

NOTE Confidence: 0.931217102

00:26:11.244 --> 00:26:13.798 receptor status and the her two status.

NOTE Confidence: 0.931217102

00:26:13.800 --> 00:26:16.586 And we can incorporate those features of

NOTE Confidence: 0.931217102

00:26:16.586 --> 00:26:19.529 the cancer into the tumor size in the

NOTE Confidence: 0.931217102

00:26:19.529 --> 00:26:22.407 lymph node status to come up with what

NOTE Confidence: 0.931217102

00:26:22.407 --> 00:26:25.046 the final stage is and stage correlates.

NOTE Confidence: 0.931217102

00:26:25.050 --> 00:26:28.110 Roughly with prognosis.

NOTE Confidence: 0.931217102

00:26:28.110 --> 00:26:29.916 So it gets us now the patient's

NOTE Confidence: 0.931217102

00:26:29.916 --> 00:26:31.210 going to have surgery,

NOTE Confidence: 0.931217102

00:26:31.210 --> 00:26:31.862 the patients,

NOTE Confidence: 0.931217102

00:26:31.862 --> 00:26:34.470 if the assuming the patient has a lumpectomy,

NOTE Confidence: 0.931217102

00:26:34.470 --> 00:26:35.619 she'll need radiation.

NOTE Confidence: 0.931217102

00:26:35.619 --> 00:26:39.489 How do we decide what kind of medical therapy

NOTE Confidence: 0.931217102

00:26:39.490 --> 00:26:42.045 we're going to recommend for this patient?

NOTE Confidence: 0.931217102

00:26:42.050 --> 00:26:44.339 So next slide?

NOTE Confidence: 0.931217102

00:26:44.340 --> 00:26:46.038 We first look at the grade.

NOTE Confidence: 0.931217102

00:26:46.040 --> 00:26:48.956 Grade is a measure, broadly speaking,

NOTE Confidence: 0.931217102

00:26:48.960 --> 00:26:50.475 of how aggressive the cancer

NOTE Confidence: 0.931217102

00:26:50.475 --> 00:26:51.990 cell looks under the microscope.

NOTE Confidence: 0.931217102

00:26:51.990 --> 00:26:53.230 It's incorporating a couple

NOTE Confidence: 0.931217102

00:26:53.230 --> 00:26:54.160 of different things,

NOTE Confidence: 0.931217102

00:26:54.160 --> 00:26:56.008 including the architecture,

NOTE Confidence: 0.931217102

00:26:56.008 --> 00:26:58.584 nuclear grade and speed of replication.

NOTE Confidence: 0.931217102

00:26:58.584 --> 00:27:02.117 And it gives us a sense the higher the grade,

NOTE Confidence: 0.931217102

00:27:02.120 --> 00:27:03.856 the more aggressive we may need to be,

NOTE Confidence: 0.931217102

00:27:03.860 --> 00:27:05.144 IE the higher grade,

NOTE Confidence: 0.931217102

00:27:05.144 --> 00:27:07.500 the more likely the chemo is that

NOTE Confidence: 0.931217102

00:27:07.500 --> 00:27:09.636 chemo is going to be recommended.

NOTE Confidence: 0.931217102

00:27:09.640 --> 00:27:12.640 Next slide.

NOTE Confidence: 0.931217102

00:27:12.640 --> 00:27:14.500 We get into the estrogen and

NOTE Confidence: 0.931217102

00:27:14.500 --> 00:27:15.120 progesterone receptor.

NOTE Confidence: 0.931217102

00:27:15.120 --> 00:27:16.344 So the vast majority,

NOTE Confidence: 0.931217102

00:27:16.344 --> 00:27:18.848 75 ish percent of all breast cancers are

NOTE Confidence: 0.931217102

00:27:18.848 --> 00:27:21.248 fueled at least in part by the female

NOTE Confidence: 0.931217102

00:27:21.314 --> 00:27:23.458 hormones estrogen and progesterone.

NOTE Confidence: 0.931217102

00:27:23.460 --> 00:27:27.534 And so the presence of estrogen or

NOTE Confidence: 0.931217102

00:27:27.534 --> 00:27:30.324 progesterone near the cancer can

NOTE Confidence: 0.931217102

00:27:30.324 --> 00:27:32.958 lead to more uncontrolled growth.

NOTE Confidence: 0.931217102

00:27:32.958 --> 00:27:35.222 So estrogen and progesterone

NOTE Confidence: 0.931217102

00:27:35.222 --> 00:27:36.354 positive cancers,

NOTE Confidence: 0.931217102

00:27:36.360 --> 00:27:38.180 estrogen and progesterone receptor

NOTE Confidence: 0.931217102

00:27:38.180 --> 00:27:40.910 positive cancers are fueled by hormones,

NOTE Confidence: 0.931217102

00:27:40.910 --> 00:27:42.702 which leads us to.

NOTE Confidence: 0.931217102

00:27:42.702 --> 00:27:46.247 Talk about some sort of anti hormonal

NOTE Confidence: 0.931217102

00:27:46.247 --> 00:27:48.386 therapy and interfering with that

NOTE Confidence: 0.931217102

00:27:48.386 --> 00:27:50.450 interaction between the ligand and the

NOTE Confidence: 0.931217102

00:27:50.511 --> 00:27:52.773 receptor can lead to decreased gene

NOTE Confidence: 0.931217102

00:27:52.773 --> 00:27:54.281 expression and therefore decreased

NOTE Confidence: 0.931217102

00:27:54.335 --> 00:27:56.219 cell proliferation in the long run.

NOTE Confidence: 0.931217102

00:27:56.220 --> 00:27:58.848 So that's the the reason behind

NOTE Confidence: 0.931217102

00:27:58.848 --> 00:28:01.108 these hormone type therapies or

NOTE Confidence: 0.931217102

00:28:01.108 --> 00:28:03.263 rather anti hormone type therapies

NOTE Confidence: 0.931217102

00:28:03.263 --> 00:28:05.884 that we recommend for patients who

NOTE Confidence: 0.931217102

00:28:05.884 --> 00:28:08.350 have this type of breast cancer.

NOTE Confidence: 0.931217102

00:28:08.350 --> 00:28:09.710 You've heard of these drugs.

NOTE Confidence: 0.931217102

00:28:09.710 --> 00:28:10.890 You probably have hundreds

NOTE Confidence: 0.931217102

00:28:10.890 --> 00:28:12.365 of patients on these drugs.

NOTE Confidence: 0.931217102

00:28:12.370 --> 00:28:14.850 Tamoxifen works as a competitive

NOTE Confidence: 0.931217102

00:28:14.850 --> 00:28:16.338 antagonist of estrogen,

NOTE Confidence: 0.931217102

00:28:16.340 --> 00:28:18.494 and progesterone 6 sits in the

NOTE Confidence: 0.931217102

00:28:18.494 --> 00:28:20.891 pocket of the receptor and prevents

NOTE Confidence: 0.931217102

00:28:20.891 --> 00:28:23.116 breast cancers from from growing,

NOTE Confidence: 0.931217102

00:28:23.120 --> 00:28:24.902 or breast cells in general from

NOTE Confidence: 0.931217102

00:28:24.902 --> 00:28:26.090 being able to grow.

NOTE Confidence: 0.931217102

00:28:26.090 --> 00:28:30.056 Aromatase inhibitors, on the other hand.

NOTE Confidence: 0.931217102

00:28:30.060 --> 00:28:32.776 Prevent the peripheral aromatization

NOTE Confidence: 0.931217102

00:28:32.776 --> 00:28:36.850 of steroids into testosterone and into

NOTE Confidence: 0.931217102

00:28:36.850 --> 00:28:40.680 of rather testosterone into estrogen.

NOTE Confidence: 0.931217102

00:28:40.680 --> 00:28:42.792 And prevent the body from being

NOTE Confidence: 0.931217102

00:28:42.792 --> 00:28:44.200 able to make estrogen,

NOTE Confidence: 0.931217102

00:28:44.200 --> 00:28:46.734 and so you remove the leg in

NOTE Confidence: 0.931217102

00:28:46.734 --> 00:28:48.260 entirely so there's nothing to

NOTE Confidence: 0.931217102

00:28:48.260 --> 00:28:49.710 bind to the receptor itself.

NOTE Confidence: 0.865970553333333

00:28:52.050 --> 00:28:53.532 The final thing that we look

NOTE Confidence: 0.865970553333333

00:28:53.532 --> 00:28:55.230 at is the her two status.

NOTE Confidence: 0.865970553333333

00:28:55.230 --> 00:28:57.918 Her two is a member of the EGFR

NOTE Confidence: 0.865970553333333

00:28:57.918 --> 00:29:00.150 family of surface receptors,

NOTE Confidence: 0.865970553333333

00:29:00.150 --> 00:29:02.388 and it can be either normal,

NOTE Confidence: 0.865970553333333

00:29:02.390 --> 00:29:03.500 also called negative,

NOTE Confidence: 0.865970553333333

00:29:03.500 --> 00:29:06.497 or it can be positive and it can

NOTE Confidence: 0.865970553333333

00:29:06.497 --> 00:29:08.765 be positive in one of two ways.

NOTE Confidence: 0.865970553333333

00:29:08.770 --> 00:29:10.310 It can be overexpressed on

NOTE Confidence: 0.865970553333333

00:29:10.310 --> 00:29:11.850 the surface of the cell,

NOTE Confidence: 0.865970553333333

00:29:11.850 --> 00:29:14.629 or it can be amplified in the

NOTE Confidence: 0.865970553333333

00:29:14.629 --> 00:29:16.630 nucleus with lots of additional

NOTE Confidence: 0.865970553333333

00:29:16.630 --> 00:29:19.400 copies of the her two encoding DNA,

NOTE Confidence: 0.865970553333333

00:29:19.400 --> 00:29:22.256 her two positive cancers in general.

NOTE Confidence: 0.865970553333333

00:29:22.260 --> 00:29:24.330 Are more aggressive.

NOTE Confidence: 0.865970553333333

00:29:24.330 --> 00:29:28.333 They in general require chemotherapy and

NOTE Confidence: 0.865970553333333

00:29:28.333 --> 00:29:31.098 oftentimes we use chemotherapy first.

NOTE Confidence: 0.865970553333333

00:29:31.100 --> 00:29:33.403 In this setting, you may have heard

NOTE Confidence: 0.865970553333333

00:29:33.403 --> 00:29:36.560 of the name triple negative breast cancer.

NOTE Confidence: 0.865970553333333

00:29:36.560 --> 00:29:38.720 Triple negative just means estrogen

NOTE Confidence: 0.865970553333333

00:29:38.720 --> 00:29:40.016 receptor is negative,

NOTE Confidence: 0.865970553333333

00:29:40.020 --> 00:29:41.448 progesterone receptor is negative.

NOTE Confidence: 0.865970553333333

00:29:41.448 --> 00:29:44.212 Her two is -, 1, two,

NOTE Confidence: 0.865970553333333

00:29:44.212 --> 00:29:46.210 three, triple negative.

NOTE Confidence: 0.865970553333333

00:29:46.210 --> 00:29:47.080 Next slide please.

NOTE Confidence: 0.83082791125

00:29:49.380 --> 00:29:52.350 Jill in in our preparation for

NOTE Confidence: 0.83082791125

00:29:52.350 --> 00:29:54.696 this meeting, Jill shared a risk,

NOTE Confidence: 0.83082791125

00:29:54.696 --> 00:29:57.529 shared a story of a patient who came

NOTE Confidence: 0.83082791125

00:29:57.529 --> 00:29:59.695 in wanting to discuss her number

NOTE Confidence: 0.83082791125

00:29:59.695 --> 00:30:02.401 with her primary care doctor and and

NOTE Confidence: 0.83082791125

00:30:02.401 --> 00:30:05.056 number in this case often refers to

NOTE Confidence: 0.83082791125

00:30:05.056 --> 00:30:06.896 something called the Oncotype DX,

NOTE Confidence: 0.83082791125

00:30:06.900 --> 00:30:08.540 which is a recurrence score.

NOTE Confidence: 0.83082791125

00:30:08.540 --> 00:30:12.170 It's a number on a scale of zero to 100

NOTE Confidence: 0.83082791125

00:30:12.265 --> 00:30:15.841 and it is a number that is calculated

NOTE Confidence: 0.83082791125

00:30:15.841 --> 00:30:19.249 by looking at the gene expression of.

NOTE Confidence: 0.83082791125

00:30:19.250 --> 00:30:20.902 21 cancer specific genes.

NOTE Confidence: 0.83082791125

00:30:20.902 --> 00:30:23.879 It goes into a patented algorithm by

NOTE Confidence: 0.83082791125

00:30:23.879 --> 00:30:26.399 this company genomic health and the

NOTE Confidence: 0.83082791125

00:30:26.399 --> 00:30:29.069 number the recurrence scores is spit out.

NOTE Confidence: 0.83082791125

00:30:29.070 --> 00:30:31.662 So if that number could be on a scale

NOTE Confidence: 0.83082791125

00:30:31.662 --> 00:30:34.525 of zero to 100, it's a complicated,

NOTE Confidence: 0.83082791125

00:30:34.525 --> 00:30:36.705 nuanced conversation with patients.

NOTE Confidence: 0.83082791125

00:30:36.710 --> 00:30:38.294 But in general,

NOTE Confidence: 0.83082791125

00:30:38.294 --> 00:30:41.829 if that number is 25 or lower,

NOTE Confidence: 0.83082791125

00:30:41.829 --> 00:30:44.667 patients may not benefit from chemotherapy,

NOTE Confidence: 0.83082791125

00:30:44.670 --> 00:30:47.886 and so chemotherapy is likely not to be

NOTE Confidence: 0.83082791125

00:30:47.886 --> 00:30:50.998 recommended if that number is higher than 20.

NOTE Confidence: 0.83082791125

00:30:51.000 --> 00:30:53.080 UH-5 or 26 and up,

NOTE Confidence: 0.83082791125

00:30:53.080 --> 00:30:55.460 there needs to be a more detailed

NOTE Confidence: 0.83082791125

00:30:55.460 --> 00:30:57.759 conversation about the use of chemotherapy.

NOTE Confidence: 0.83082791125

00:30:57.760 --> 00:30:59.888 So this is a test that that we

NOTE Confidence: 0.83082791125

00:30:59.888 --> 00:31:02.386 send to determine whether or not

NOTE Confidence: 0.83082791125

00:31:02.386 --> 00:31:04.278 a patient needs chemotherapy.

NOTE Confidence: 0.83082791125

00:31:04.280 --> 00:31:06.626 It does correlate a little bit

NOTE Confidence: 0.83082791125

00:31:06.626 --> 00:31:07.799 to to prognosis,

NOTE Confidence: 0.83082791125

00:31:07.800 --> 00:31:09.634 but the real purpose of this test

NOTE Confidence: 0.83082791125

00:31:09.634 --> 00:31:11.588 is to determine whether or not we

NOTE Confidence: 0.83082791125

00:31:11.588 --> 00:31:13.256 need to use chemotherapy to reduce

NOTE Confidence: 0.83082791125

00:31:13.313 --> 00:31:15.183 the risk of micrometastatic disease

NOTE Confidence: 0.83082791125

00:31:15.183 --> 00:31:16.679 and subsequent distant relapse

NOTE Confidence: 0.83082791125

00:31:16.679 --> 00:31:19.118 and at some point in the future.

NOTE Confidence: 0.83082791125

00:31:19.120 --> 00:31:19.640 Next slide.

NOTE Confidence: 0.866463531538461

00:31:21.880 --> 00:31:23.452 Umm, I don't expect you to

NOTE Confidence: 0.866463531538461

00:31:23.452 --> 00:31:25.419 actually be able to read the slide,

NOTE Confidence: 0.866463531538461

00:31:25.420 --> 00:31:28.636 but the there are a lot of different

NOTE Confidence: 0.866463531538461

00:31:28.636 --> 00:31:30.990 regimens and your friendly neighborhood rest,

NOTE Confidence: 0.866463531538461

00:31:30.990 --> 00:31:32.805 oncologist, oncologist would be more

NOTE Confidence: 0.866463531538461

00:31:32.805 --> 00:31:35.458 than happy to discuss any of these

NOTE Confidence: 0.866463531538461

00:31:35.458 --> 00:31:37.018 chemotherapy regimens with you.

NOTE Confidence: 0.866463531538461

00:31:37.020 --> 00:31:38.829 I I put this up just to show that

NOTE Confidence: 0.866463531538461

00:31:38.829 --> 00:31:40.474 there are a lot of different regimens

NOTE Confidence: 0.866463531538461

00:31:40.474 --> 00:31:42.639 with a lot of different side effects,

NOTE Confidence: 0.866463531538461

00:31:42.640 --> 00:31:45.632 a lot of different schedules and that's

NOTE Confidence: 0.866463531538461

00:31:45.632 --> 00:31:48.640 our job to to really talk through risks

NOTE Confidence: 0.866463531538461

00:31:48.721 --> 00:31:51.356 and benefits, potential side effects.

NOTE Confidence: 0.866463531538461

00:31:51.356 --> 00:31:52.460 Potential toxicities,

NOTE Confidence: 0.866463531538461

00:31:52.460 --> 00:31:55.076 mainstays of treatment for breast cancer,

NOTE Confidence: 0.866463531538461

00:31:55.080 --> 00:31:58.888 include taxanes, so Taxol,

NOTE Confidence: 0.866463531538461

00:31:58.888 --> 00:32:00.314 taxotere, ABRAXANE.

NOTE Confidence: 0.866463531538461

00:32:00.314 --> 00:32:03.158 Those are some commonly used drugs,

NOTE Confidence: 0.866463531538461

00:32:03.160 --> 00:32:06.500 sometimes adriamycin or doxorubicin

NOTE Confidence: 0.866463531538461

00:32:06.500 --> 00:32:08.170 and anthracycline.

NOTE Confidence: 0.866463531538461

00:32:08.170 --> 00:32:11.530 Cyclophosphamide, cytoxan and carboplatin.

NOTE Confidence: 0.866463531538461

00:32:11.530 --> 00:32:13.210 And then,

NOTE Confidence: 0.866463531538461

00:32:13.210 --> 00:32:15.554 if the cancer is her too positive trust,

NOTE Confidence: 0.866463531538461

00:32:15.560 --> 00:32:16.210 who's amab?

NOTE Confidence: 0.866463531538461

00:32:16.210 --> 00:32:17.510 Also known as Herceptin,

NOTE Confidence: 0.866463531538461

00:32:17.510 --> 00:32:19.365 as well as other anti her two

NOTE Confidence: 0.866463531538461

00:32:19.365 --> 00:32:19.895 targeting agents.

NOTE Confidence: 0.89534825

00:32:22.000 --> 00:32:25.509 Next slide. So this particular

NOTE Confidence: 0.89534825

00:32:25.509 --> 00:32:28.587 patient would have had most likely,

NOTE Confidence: 0.89534825

00:32:28.590 --> 00:32:30.430 given that it was a high grade cancer,

NOTE Confidence: 0.89534825

00:32:30.430 --> 00:32:32.265 it was larger. She's premenopausal

NOTE Confidence: 0.89534825

00:32:32.265 --> 00:32:35.089 likely to have a high risk Oncotype.

NOTE Confidence: 0.89534825

00:32:35.090 --> 00:32:37.190 So an Oncotype that's higher than 26,

NOTE Confidence: 0.89534825

00:32:37.190 --> 00:32:39.830 she likely would have been

NOTE Confidence: 0.89534825

00:32:39.830 --> 00:32:40.886 recommended chemotherapy.

NOTE Confidence: 0.89534825

00:32:40.890 --> 00:32:43.495 However, she also needs to

NOTE Confidence: 0.89534825

00:32:43.495 --> 00:32:45.579 go on endocrine therapy.

NOTE Confidence: 0.89534825

00:32:45.580 --> 00:32:48.540 Tamoxifen or an aromatase

NOTE Confidence: 0.89534825

00:32:48.540 --> 00:32:50.204 inhibitor would be indicated.

NOTE Confidence: 0.89534825

00:32:50.204 --> 00:32:51.744 So just to think about

NOTE Confidence: 0.89534825

00:32:51.744 --> 00:32:53.497 who we can use these in.

NOTE Confidence: 0.89534825

00:32:53.500 --> 00:32:56.092 Tamoxifen can be used in in

NOTE Confidence: 0.89534825

00:32:56.092 --> 00:32:58.332 anyone provided they don't have

NOTE Confidence: 0.89534825

00:32:58.332 --> 00:33:01.724 a risk of or a history of venous

NOTE Confidence: 0.89534825

00:33:01.724 --> 00:33:03.998 thromboembolism or endometrial cancer.

NOTE Confidence: 0.89534825

00:33:04.000 --> 00:33:06.940 Aromatase inhibitors can only be used

NOTE Confidence: 0.89534825

00:33:06.940 --> 00:33:09.870 in post menopausal women and that

NOTE Confidence: 0.89534825

00:33:09.870 --> 00:33:12.534 is largely related to its mechanism.

NOTE Confidence: 0.89534825

00:33:12.540 --> 00:33:14.825 It works by blocking the

NOTE Confidence: 0.89534825

00:33:14.825 --> 00:33:15.739 peripheral aromatization.

NOTE Confidence: 0.89534825

00:33:15.740 --> 00:33:18.638 In peripheral tissues, not the ovaries.

NOTE Confidence: 0.89534825

00:33:18.640 --> 00:33:21.040 But what that leads to is

NOTE Confidence: 0.89534825

00:33:21.040 --> 00:33:23.420 deprivation of estrogen in the body,

NOTE Confidence: 0.89534825

00:33:23.420 --> 00:33:26.726 leading to negative feedback and the

NOTE Confidence: 0.89534825

00:33:26.726 --> 00:33:29.880 ovaries ramping up if if used in

NOTE Confidence: 0.89534825

00:33:29.880 --> 00:33:31.755 the absence of ovarian suppression.

NOTE Confidence: 0.89534825

00:33:31.760 --> 00:33:33.495 So aromatase inhibitors can only

NOTE Confidence: 0.89534825

00:33:33.495 --> 00:33:35.921 be used in post menopausal women or

NOTE Confidence: 0.89534825

00:33:35.921 --> 00:33:38.119 women who do not have ovarian function,

NOTE Confidence: 0.89534825

00:33:38.120 --> 00:33:41.440 either surgically, chemically or otherwise.

NOTE Confidence: 0.89534825

00:33:41.440 --> 00:33:42.966 The side effects of the two drugs

NOTE Confidence: 0.89534825

00:33:42.966 --> 00:33:44.727 or the two classes of drugs are

NOTE Confidence: 0.89534825

00:33:44.727 --> 00:33:46.047 are a little bit different.

NOTE Confidence: 0.89534825

00:33:46.050 --> 00:33:48.710 Tamoxifen could cause vasomotor symptoms,

NOTE Confidence: 0.89534825

00:33:48.710 --> 00:33:50.166 such as hot flashes.

NOTE Confidence: 0.89534825

00:33:50.166 --> 00:33:51.986 It can cause mood changes.

NOTE Confidence: 0.89534825

00:33:51.990 --> 00:33:54.650 There is a small risk of venous

NOTE Confidence: 0.89534825

00:33:54.650 --> 00:33:55.830 thromboembolism very small

NOTE Confidence: 0.89534825

00:33:55.830 --> 00:33:57.430 risk of uterine cancer.

NOTE Confidence: 0.89534825

00:33:57.430 --> 00:33:59.668 It can be beneficial in patients

NOTE Confidence: 0.89534825

00:33:59.668 --> 00:34:01.876 with osteoporosis and can can lead

NOTE Confidence: 0.89534825

00:34:01.876 --> 00:34:03.808 to an increase in bone density.

NOTE Confidence: 0.89534825

00:34:03.810 --> 00:34:05.706 Aromatase inhibitors, on the other hand,

NOTE Confidence: 0.89534825

00:34:05.710 --> 00:34:07.690 lead to this low estrogen state.

NOTE Confidence: 0.89534825

00:34:07.690 --> 00:34:09.718 So it's kind of menopause, Part 2.

NOTE Confidence: 0.89534825

00:34:09.718 --> 00:34:12.476 It can cause vasomotor symptoms such as

NOTE Confidence: 0.89534825

00:34:12.476 --> 00:34:16.002 hot flashes, night sweats, vaginal dryness.

NOTE Confidence: 0.89534825

00:34:16.002 --> 00:34:17.826 Accelerated bone loss.

NOTE Confidence: 0.89534825

00:34:17.830 --> 00:34:19.270 And so we monitor bone density

NOTE Confidence: 0.89534825

00:34:19.270 --> 00:34:20.700 very closely in these patients,

NOTE Confidence: 0.89534825

00:34:20.700 --> 00:34:22.464 usually every other year.

NOTE Confidence: 0.89534825

00:34:22.464 --> 00:34:25.749 It can lead to increased cholesterol as well.

NOTE Confidence: 0.89534825

00:34:25.750 --> 00:34:27.730 In terms of monitor monitoring,

NOTE Confidence: 0.89534825

00:34:27.730 --> 00:34:29.090 there's really no monitoring

NOTE Confidence: 0.89534825

00:34:29.090 --> 00:34:30.450 for tamoxifen other than.

NOTE Confidence: 0.5568068

00:34:59.070 --> 00:35:03.118 To determining whether or not

NOTE Confidence: 0.5568068

00:35:03.118 --> 00:35:05.326 we should extend endocrine

NOTE Confidence: 0.5568068

00:35:05.326 --> 00:35:07.439 therapy past five years.

NOTE Confidence: 0.5568068

00:35:07.440 --> 00:35:08.948 The slides have disappeared.

NOTE Confidence: 0.5568068

00:35:08.948 --> 00:35:11.210 I'd be happy to take some

NOTE Confidence: 0.5568068

00:35:11.284 --> 00:35:13.659 questions until the slides return.

NOTE Confidence: 0.5568068

00:35:13.660 --> 00:35:15.940 Or we could just go straight

NOTE Confidence: 0.5568068

00:35:15.940 --> 00:35:17.968 into the next phase of the case.

NOTE Confidence: 0.97866694

00:35:21.320 --> 00:35:23.570 Thank you very much, Sarah.

NOTE Confidence: 0.97866694

00:35:23.570 --> 00:35:25.748 And we're going to move into

NOTE Confidence: 0.97866694

00:35:25.748 --> 00:35:27.200 survivorship and new symptoms.

NOTE Confidence: 0.97866694

00:35:27.200 --> 00:35:29.336 So our patient is now 54 years old.

NOTE Confidence: 0.97866694

00:35:29.340 --> 00:35:31.059 She's tolerating her

NOTE Confidence: 0.97866694

00:35:31.059 --> 00:35:32.778 adjuvant hormonal therapy.

NOTE Confidence: 0.97866694

00:35:32.780 --> 00:35:34.607 And we'd like to have a discussion

NOTE Confidence: 0.97866694

00:35:34.607 --> 00:35:36.293 about what risk should we as

NOTE Confidence: 0.97866694

00:35:36.293 --> 00:35:37.421 primary care physicians be

NOTE Confidence: 0.97866694

00:35:37.421 --> 00:35:39.159 aware of those being endocrine,

NOTE Confidence: 0.97866694

00:35:39.160 --> 00:35:40.026 cardiac, pulmonary,

NOTE Confidence: 0.97866694

00:35:40.026 --> 00:35:41.758 psychological and what testing

NOTE Confidence: 0.97866694

00:35:41.758 --> 00:35:44.284 should the primary care physician be

NOTE Confidence: 0.97866694

00:35:44.284 --> 00:35:46.480 prepared to order for those patients.

NOTE Confidence: 0.842457521428571

00:35:48.900 --> 00:35:52.272 And in addition, after after that

NOTE Confidence: 0.842457521428571

00:35:52.272 --> 00:35:53.875 conversation, eight years later,

NOTE Confidence: 0.842457521428571

00:35:53.875 --> 00:35:56.290 our patient presents with new onset of

NOTE Confidence: 0.842457521428571

00:35:56.356 --> 00:35:58.659 back back pain of four weeks duration,

NOTE Confidence: 0.842457521428571

00:35:58.660 --> 00:36:00.440 which she originally attributed to

NOTE Confidence: 0.842457521428571

00:36:00.440 --> 00:36:02.220 a strenuous session of gardening.

NOTE Confidence: 0.842457521428571

00:36:02.220 --> 00:36:03.876 But rather than improving as would

NOTE Confidence: 0.842457521428571

00:36:03.876 --> 00:36:05.638 be expected, the pain is worsening.

NOTE Confidence: 0.842457521428571

00:36:05.638 --> 00:36:08.200 So this would lead us into discussion.

NOTE Confidence: 0.842457521428571

00:36:08.200 --> 00:36:09.840 Considering her breast cancer history,

NOTE Confidence: 0.842457521428571

00:36:09.840 --> 00:36:12.426 what are the appropriate next steps

NOTE Confidence: 0.842457521428571

00:36:12.426 --> 00:36:15.293 in diagnosis and management of her new

NOTE Confidence: 0.842457521428571

00:36:15.293 --> 00:36:17.435 onset of symptoms given her history?

NOTE Confidence: 0.842457521428571

00:36:17.440 --> 00:36:19.180 And Doctor Zahir is kindly going

NOTE Confidence: 0.842457521428571

00:36:19.180 --> 00:36:20.870 to take this on. Thank you.

NOTE Confidence: 0.8960220325

00:36:20.880 --> 00:36:22.422 Thank you for including me in

NOTE Confidence: 0.8960220325

00:36:22.422 --> 00:36:23.966 this conversation. So this is,

NOTE Confidence: 0.8960220325

00:36:23.966 --> 00:36:26.018 I'll take your second question first.

NOTE Confidence: 0.8960220325

00:36:26.020 --> 00:36:27.358 You know, this is, you know,

NOTE Confidence: 0.8960220325

00:36:27.360 --> 00:36:29.632 any kind of workup for a patient with

NOTE Confidence: 0.8960220325

00:36:29.632 --> 00:36:31.636 history of breast cancer should be

NOTE Confidence: 0.8960220325

00:36:31.636 --> 00:36:33.694 based on what was their underlying

NOTE Confidence: 0.8960220325

00:36:33.760 --> 00:36:35.680 risk and what are the symptoms

NOTE Confidence: 0.8960220325

00:36:35.680 --> 00:36:38.052 and obviously this lady is having.

NOTE Confidence: 0.8960220325

00:36:38.052 --> 00:36:40.236 Persistent back pain issues.

NOTE Confidence: 0.8960220325

00:36:40.240 --> 00:36:42.320 So we need to have it worked up to make

NOTE Confidence: 0.8960220325

00:36:42.373 --> 00:36:44.239 sure that there's nothing you know,

NOTE Confidence: 0.8960220325

00:36:44.240 --> 00:36:46.459 we that we work it up for,

NOTE Confidence: 0.8960220325

00:36:46.460 --> 00:36:48.430 whether it's related to breast

NOTE Confidence: 0.8960220325

00:36:48.430 --> 00:36:50.936 cancer or related to a treatment

NOTE Confidence: 0.8960220325

00:36:50.936 --> 00:36:53.247 or related to another etiology.

NOTE Confidence: 0.8960220325

00:36:53.247 --> 00:36:56.516 So if she's having persistent back pain,

NOTE Confidence: 0.8960220325

00:36:56.520 --> 00:36:59.622 she will have a workup that

NOTE Confidence: 0.8960220325

00:36:59.622 --> 00:37:02.300 could include X-rays or well,

NOTE Confidence: 0.8960220325

00:37:02.300 --> 00:37:04.514 if there is persistent pain in

NOTE Confidence: 0.8960220325

00:37:04.514 --> 00:37:06.320 a particular location and MRI,

NOTE Confidence: 0.8960220325

00:37:06.320 --> 00:37:08.516 or if there are diffuse symptoms.

NOTE Confidence: 0.8960220325

00:37:08.520 --> 00:37:10.860 3D scan or a PET scan?

NOTE Confidence: 0.8960220325

00:37:10.860 --> 00:37:13.458 And if we find some abnormality

NOTE Confidence: 0.8960220325

00:37:13.458 --> 00:37:15.696 that is highly suspicious based

NOTE Confidence: 0.8960220325

00:37:15.696 --> 00:37:17.396 on the radiology data,

NOTE Confidence: 0.8960220325

00:37:17.400 --> 00:37:20.532 then we have to biopsy at the time of

NOTE Confidence: 0.8960220325

00:37:20.532 --> 00:37:22.939 anytime of anytime we feel that there

NOTE Confidence: 0.8960220325

00:37:22.939 --> 00:37:25.004 is a possibility of a recurrence,

NOTE Confidence: 0.8960220325

00:37:25.004 --> 00:37:27.110 we need to biopsy that for

NOTE Confidence: 0.8960220325

00:37:27.178 --> 00:37:28.518 a variety of reasons.

NOTE Confidence: 0.8960220325

00:37:28.520 --> 00:37:30.501 First reason is we want to confirm

NOTE Confidence: 0.8960220325

00:37:30.501 --> 00:37:32.662 that this is indeed metastatic breast

NOTE Confidence: 0.8960220325

00:37:32.662 --> 00:37:35.152 cancer or is this another malignancy.

NOTE Confidence: 0.8960220325

00:37:35.160 --> 00:37:37.509 And also we need to test for all those

NOTE Confidence: 0.8960220325

00:37:37.509 --> 00:37:39.867 markers that doctor Mcgillian has mentioned,

NOTE Confidence: 0.8960220325

00:37:39.870 --> 00:37:41.210 you know the estrogen receptor.

NOTE Confidence: 0.8960220325

00:37:41.210 --> 00:37:42.416 Suggestion receptor,

NOTE Confidence: 0.8960220325

00:37:42.416 --> 00:37:46.034 her two receptors and also additional

NOTE Confidence: 0.8960220325

00:37:46.034 --> 00:37:48.641 molecular biomarkers that we use

NOTE Confidence: 0.8960220325

00:37:48.641 --> 00:37:50.836 these days for metastatic disease.

NOTE Confidence: 0.8960220325

00:37:50.840 --> 00:37:55.040 Another issue with the metastasis is

NOTE Confidence: 0.8960220325

00:37:55.040 --> 00:37:58.380 that bone metastases are usually seen

NOTE Confidence: 0.8960220325

00:37:58.380 --> 00:38:01.020 in estrogen receptor positive patients,

NOTE Confidence: 0.8960220325

00:38:01.020 --> 00:38:02.600 whereas brain metastases are

NOTE Confidence: 0.8960220325

00:38:02.600 --> 00:38:04.970 more common in her two positive

NOTE Confidence: 0.8960220325

00:38:05.036 --> 00:38:06.880 or triple negative patients.

NOTE Confidence: 0.8960220325

00:38:06.880 --> 00:38:09.262 And anytime a patient is diagnosed

NOTE Confidence: 0.8960220325

00:38:09.262 --> 00:38:11.230 with metastatic disease these days,

NOTE Confidence: 0.8960220325

00:38:11.230 --> 00:38:12.728 we have a lot of choices and

NOTE Confidence: 0.8960220325

00:38:12.728 --> 00:38:14.440 we have a lot of treatments,

NOTE Confidence: 0.8960220325

00:38:14.440 --> 00:38:17.260 additional treatments that can be very

NOTE Confidence: 0.8960220325

00:38:17.260 --> 00:38:20.586 helpful and they are still trying to convert.

NOTE Confidence: 0.8960220325

00:38:20.586 --> 00:38:22.840 This into a chronic disease rather than

NOTE Confidence: 0.8960220325

00:38:22.904 --> 00:38:24.992 a death sentence and then we have to

NOTE Confidence: 0.8960220325

00:38:24.992 --> 00:38:27.186 assess the patient for the for distress,

NOTE Confidence: 0.8960220325

00:38:27.190 --> 00:38:29.746 which requires a lot of help

NOTE Confidence: 0.8960220325

00:38:29.746 --> 00:38:32.530 on part of medical providers as

NOTE Confidence: 0.8960220325

00:38:32.530 --> 00:38:34.530 well as home providers.

NOTE Confidence: 0.77942646

00:38:36.540 --> 00:38:40.260 So we all know and that's why we have

NOTE Confidence: 0.77942646

00:38:40.260 --> 00:38:42.439 gathered today that best care for any

NOTE Confidence: 0.77942646

00:38:42.439 --> 00:38:44.345 patient is good collaboration between

NOTE Confidence: 0.77942646

00:38:44.345 --> 00:38:46.955 a primary care and an oncologist,

NOTE Confidence: 0.77942646

00:38:46.960 --> 00:38:48.856 which we do this all the time and

NOTE Confidence: 0.77942646

00:38:48.856 --> 00:38:50.777 I've had the pleasure of doing this

NOTE Confidence: 0.77942646

00:38:50.777 --> 00:38:52.729 with Jill for a number of years.

NOTE Confidence: 0.77942646

00:38:52.730 --> 00:38:54.245 So acute toxicity usually is

NOTE Confidence: 0.77942646

00:38:54.245 --> 00:38:56.340 taken care of by medical oncology,

NOTE Confidence: 0.77942646

00:38:56.340 --> 00:38:58.800 but chronic toxicities are shared

NOTE Confidence: 0.77942646

00:38:58.800 --> 00:39:01.801 between primary care and and medical

NOTE Confidence: 0.77942646

00:39:01.801 --> 00:39:04.993 oncologist and any woman who has been.

NOTE Confidence: 0.77942646

00:39:05.000 --> 00:39:06.492 Treated with endocrine therapy,

NOTE Confidence: 0.77942646

00:39:06.492 --> 00:39:07.984 especially the aromatase inhibitors.

NOTE Confidence: 0.77942646

00:39:07.990 --> 00:39:09.260 We know about bone health,

NOTE Confidence: 0.77942646

00:39:09.260 --> 00:39:11.366 we discuss those issues and many

NOTE Confidence: 0.77942646

00:39:11.366 --> 00:39:13.462 of these patients are placed

NOTE Confidence: 0.77942646

00:39:13.462 --> 00:39:15.958 prophylactically also on bisphosphonates,

NOTE Confidence: 0.77942646

00:39:15.960 --> 00:39:19.224 which is an agent that also that helps

NOTE Confidence: 0.77942646

00:39:19.224 --> 00:39:22.639 with bone health but also may decrease

NOTE Confidence: 0.77942646

00:39:22.639 --> 00:39:26.338 the risk of disease recurrence in the bones.

NOTE Confidence: 0.77942646

00:39:26.340 --> 00:39:28.260 We all know about the side

NOTE Confidence: 0.77942646

00:39:28.260 --> 00:39:29.220 effects of adriamycin.

NOTE Confidence: 0.77942646

00:39:29.220 --> 00:39:31.537 We do not usually reach that dosage

NOTE Confidence: 0.77942646

00:39:31.537 --> 00:39:33.480 that causes problems with the heart,

NOTE Confidence: 0.77942646

00:39:33.480 --> 00:39:35.058 but we usually still check it.

NOTE Confidence: 0.77942646

00:39:35.060 --> 00:39:37.224 In the adjuvant setting,

NOTE Confidence: 0.77942646

00:39:37.224 --> 00:39:40.470 anti herto therapy has a potential

NOTE Confidence: 0.77942646

00:39:40.565 --> 00:39:43.409 for cardiac complications also,

NOTE Confidence: 0.77942646

00:39:43.410 --> 00:39:45.780 but most of those issues are

NOTE Confidence: 0.77942646

00:39:45.780 --> 00:39:47.996 temporary and they resolved with

NOTE Confidence: 0.77942646

00:39:47.996 --> 00:39:49.688 discontinuation of therapy.

NOTE Confidence: 0.77942646

00:39:49.690 --> 00:39:51.706 We have a excellent cardio oncology

NOTE Confidence: 0.77942646

00:39:51.706 --> 00:39:53.364 program that actually helps us

NOTE Confidence: 0.77942646

00:39:53.364 --> 00:39:54.930 out in care of these patients

NOTE Confidence: 0.77942646

00:39:54.930 --> 00:39:56.570 in some decision making process,

NOTE Confidence: 0.77942646

00:39:56.570 --> 00:39:59.286 whether to treat or not to treat.

NOTE Confidence: 0.77942646

00:39:59.290 --> 00:40:01.730 Pneumonitis is another risk that

NOTE Confidence: 0.77942646

00:40:01.730 --> 00:40:04.170 can happen with chemotherapy that

NOTE Confidence: 0.77942646

00:40:04.248 --> 00:40:06.538 can happen with radiation therapy

NOTE Confidence: 0.77942646

00:40:06.538 --> 00:40:09.372 that is happening these days with

NOTE Confidence: 0.77942646

00:40:09.372 --> 00:40:10.758 immune therapy also.

NOTE Confidence: 0.77942646

00:40:10.760 --> 00:40:15.044 It's relatively uncommon but has but may

NOTE Confidence: 0.77942646

00:40:15.044 --> 00:40:18.318 require steroid therapy at some point.

NOTE Confidence: 0.77942646

00:40:18.320 --> 00:40:21.351 Neuropathy is one of the most common

NOTE Confidence: 0.77942646

00:40:21.351 --> 00:40:24.099 chronic side effects that we hear about

NOTE Confidence: 0.77942646

00:40:24.100 --> 00:40:25.996 most commonly in breast cancer patients.

NOTE Confidence: 0.77942646

00:40:26.000 --> 00:40:28.556 Taxol is the is the culprit,

NOTE Confidence: 0.77942646

00:40:28.560 --> 00:40:31.740 although in other malignancies oxaliplatin

NOTE Confidence: 0.77942646

00:40:31.740 --> 00:40:35.116 is more notorious for that side effect.

NOTE Confidence: 0.77942646

00:40:35.120 --> 00:40:36.970 There are certain medications that

NOTE Confidence: 0.77942646

00:40:36.970 --> 00:40:38.820 actually help with some symptoms.

NOTE Confidence: 0.77942646

00:40:38.820 --> 00:40:41.424 We actually have a physical therapy

NOTE Confidence: 0.77942646

00:40:41.424 --> 00:40:43.160 department that actually focuses

NOTE Confidence: 0.77942646

00:40:43.228 --> 00:40:45.484 on neuropathy and has been really

NOTE Confidence: 0.77942646

00:40:45.484 --> 00:40:47.699 successful in helping out with this.

NOTE Confidence: 0.77942646

00:40:47.700 --> 00:40:50.000 Chronic.

NOTE Confidence: 0.77942646

00:40:50.000 --> 00:40:52.250 Problem.

NOTE Confidence: 0.77942646

00:40:52.250 --> 00:40:54.825 Psychological health is very important

NOTE Confidence: 0.77942646

00:40:54.825 --> 00:40:59.149 in any breast cancer or any cancer survivor.

NOTE Confidence: 0.77942646

00:40:59.150 --> 00:41:01.775 And with time as as as we

NOTE Confidence: 0.77942646

00:41:01.775 --> 00:41:04.160 have improved on chemotherapy,

NOTE Confidence: 0.77942646

00:41:04.160 --> 00:41:05.648 we have improved on side effects,

NOTE Confidence: 0.77942646

00:41:05.650 --> 00:41:09.738 we have tried to cut back on surgeries,

NOTE Confidence: 0.77942646

00:41:09.740 --> 00:41:11.228 we have tried to cut back on chemo,

NOTE Confidence: 0.77942646

00:41:11.230 --> 00:41:13.198 certain type of chemotherapy.

NOTE Confidence: 0.77942646

00:41:13.198 --> 00:41:15.658 The financial toxicity continues to

NOTE Confidence: 0.77942646

00:41:15.658 --> 00:41:17.848 increase because of the increased

NOTE Confidence: 0.77942646

00:41:17.848 --> 00:41:20.284 cost of treatment and increased cost

NOTE Confidence: 0.77942646

00:41:20.353 --> 00:41:22.549 of taking care of these patients.

NOTE Confidence: 0.77942646

00:41:22.550 --> 00:41:24.524 So coming back to your first question,

NOTE Confidence: 0.77942646

00:41:24.530 --> 00:41:26.868 how often this person should be followed

NOTE Confidence: 0.77942646

00:41:26.870 --> 00:41:29.194 if they do not have metastatic disease?

NOTE Confidence: 0.77942646

00:41:29.200 --> 00:41:33.060 Normally speaking the NCCN guidelines.

NOTE Confidence: 0.77942646

00:41:33.060 --> 00:41:35.544 Say that we need to see the patients one,

NOTE Confidence: 0.77942646

00:41:35.550 --> 00:41:38.310 one to four times a year per year

NOTE Confidence: 0.77942646

00:41:38.310 --> 00:41:40.695 for five years and decreasing

NOTE Confidence: 0.77942646

00:41:40.695 --> 00:41:43.370 frequency again based on their.

NOTE Confidence: 0.77942646

00:41:43.370 --> 00:41:45.830 Their risk and again based

NOTE Confidence: 0.77942646

00:41:45.830 --> 00:41:47.798 on their symptoms also.

NOTE Confidence: 0.77942646

00:41:47.800 --> 00:41:50.784 We are actually working on a long term

NOTE Confidence: 0.77942646

00:41:50.784 --> 00:41:54.096 care plan at the at the Hill Spyro Center,

NOTE Confidence: 0.77942646

00:41:54.100 --> 00:41:56.372 trying to see what is the best way

NOTE Confidence: 0.77942646

00:41:56.372 --> 00:41:58.213 to transition back to primary care

NOTE Confidence: 0.77942646

00:41:58.213 --> 00:42:00.025 after five years and what type

NOTE Confidence: 0.77942646

00:42:00.088 --> 00:42:01.628 of patient should that be.

NOTE Confidence: 0.77942646

00:42:01.630 --> 00:42:03.810 And based on their original

NOTE Confidence: 0.77942646

00:42:03.810 --> 00:42:05.990 pathology as well as need

NOTE Confidence: 0.863473149230769

00:42:06.074 --> 00:42:08.788 for continuing care, patients also

NOTE Confidence: 0.863473149230769

00:42:08.788 --> 00:42:11.458 need periodic screening for family

NOTE Confidence: 0.863473149230769

00:42:11.458 --> 00:42:13.680 history genetic testing because the

NOTE Confidence: 0.863473149230769

00:42:13.680 --> 00:42:15.850 genetic testing also can change in a

NOTE Confidence: 0.863473149230769

00:42:15.850 --> 00:42:17.800 number of years and new additional.

NOTE Confidence: 0.863473149230769

00:42:17.800 --> 00:42:19.236 Testing may be required.

NOTE Confidence: 0.863473149230769

00:42:19.236 --> 00:42:21.031 We are all familiar with

NOTE Confidence: 0.863473149230769

00:42:21.031 --> 00:42:22.949 the lymphedema management,

NOTE Confidence: 0.863473149230769

00:42:22.950 --> 00:42:25.568 which is which can be a problem,

NOTE Confidence: 0.863473149230769

00:42:25.570 --> 00:42:27.450 but those problems are decreasing,

NOTE Confidence: 0.863473149230769

00:42:27.450 --> 00:42:31.330 thankfully, to less invasive surgery,

NOTE Confidence: 0.863473149230769

00:42:31.330 --> 00:42:33.195 and we have good physical

NOTE Confidence: 0.863473149230769

00:42:33.195 --> 00:42:35.060 therapists that are available for

NOTE Confidence: 0.863473149230769

00:42:35.128 --> 00:42:37.088 those management of lymphedema.

NOTE Confidence: 0.863473149230769

00:42:37.090 --> 00:42:39.848 Again, the one of the required radiology

NOTE Confidence: 0.863473149230769

00:42:39.848 --> 00:42:42.126 is the yearly mammogram unless

NOTE Confidence: 0.863473149230769

00:42:42.126 --> 00:42:45.760 patient has had bilateral mastectomy.

NOTE Confidence: 0.863473149230769

00:42:45.760 --> 00:42:47.645 There's actually no indication for

NOTE Confidence: 0.863473149230769

00:42:47.645 --> 00:42:49.975 any other testing for routine testing

NOTE Confidence: 0.863473149230769

00:42:49.975 --> 00:42:52.614 in the absence of clinical signs and

NOTE Confidence: 0.863473149230769

00:42:52.614 --> 00:42:54.380 symptoms suggestive of a recurrence.

NOTE Confidence: 0.863473149230769

00:42:54.380 --> 00:42:57.138 And again we have good long term

NOTE Confidence: 0.863473149230769

00:42:57.138 --> 00:42:59.655 care plans that we are working on

NOTE Confidence: 0.863473149230769

00:42:59.655 --> 00:43:02.816 and we have a lot of these support

NOTE Confidence: 0.863473149230769

00:43:02.816 --> 00:43:05.168 services that are available at

NOTE Confidence: 0.863473149230769

00:43:05.168 --> 00:43:06.916 the SMILO Cancer Center.

NOTE Confidence: 0.863473149230769

00:43:06.920 --> 00:43:08.859 I will not go into individual details,

NOTE Confidence: 0.863473149230769

00:43:08.860 --> 00:43:11.080 but all of them are providing

NOTE Confidence: 0.863473149230769

00:43:11.080 --> 00:43:11.820 additional help.

NOTE Confidence: 0.863473149230769

00:43:11.820 --> 00:43:13.710 We have the extended care clinic for

NOTE Confidence: 0.863473149230769

00:43:13.710 --> 00:43:15.908 off hours so that the patient cannot.

NOTE Confidence: 0.863473149230769

00:43:15.910 --> 00:43:18.654 Should not go to the emergency room and

NOTE Confidence: 0.863473149230769

00:43:18.654 --> 00:43:21.958 can go and can bypass the emergency room.

NOTE Confidence: 0.863473149230769

00:43:21.960 --> 00:43:23.825 We have the multidisciplinary care

NOTE Confidence: 0.863473149230769

00:43:23.825 --> 00:43:27.064 that we are trying to get patient an

NOTE Confidence: 0.863473149230769

00:43:27.064 --> 00:43:29.252 appointment together with the surgeon

NOTE Confidence: 0.863473149230769

00:43:29.252 --> 00:43:31.442 and medical oncologist and radiation

NOTE Confidence: 0.863473149230769

00:43:31.442 --> 00:43:33.208 oncologist and other supportive.

NOTE Confidence: 0.862283635

00:43:35.800 --> 00:43:37.510 Agencies, we are trying to

NOTE Confidence: 0.862283635

00:43:37.510 --> 00:43:39.220 also get next day access,

NOTE Confidence: 0.862283635

00:43:39.220 --> 00:43:41.436 which we have been successful to some extent.

NOTE Confidence: 0.862283635

00:43:41.440 --> 00:43:43.832 And then I want to mention that the

NOTE Confidence: 0.862283635

00:43:43.832 --> 00:43:45.644 oncology pharmacy has been one of

NOTE Confidence: 0.862283635

00:43:45.644 --> 00:43:47.372 the mainstays that are available in

NOTE Confidence: 0.862283635

00:43:47.431 --> 00:43:49.601 almost all of our offices that are

NOTE Confidence: 0.862283635

00:43:49.601 --> 00:43:51.584 readily available to discuss interactions

NOTE Confidence: 0.862283635

00:43:51.584 --> 00:43:54.716 and discuss any changes as needed.

NOTE Confidence: 0.862283635

00:43:54.720 --> 00:43:55.920 And thank you very much.

NOTE Confidence: 0.842056896

00:43:58.070 --> 00:44:00.398 With terrific, I'm going to just

NOTE Confidence: 0.842056896

00:44:00.398 --> 00:44:02.726 leave a question and answer session,

NOTE Confidence: 0.842056896

00:44:02.730 --> 00:44:04.705 although we don't have anybody

NOTE Confidence: 0.842056896

00:44:04.705 --> 00:44:06.680 that's offered any question and

NOTE Confidence: 0.842056896

00:44:06.752 --> 00:44:09.047 answers through our zoom connection.

NOTE Confidence: 0.842056896

00:44:09.050 --> 00:44:12.170 So if you are thinking of asking the

NOTE Confidence: 0.842056896

00:44:12.170 --> 00:44:14.915 question by all means put it in the

NOTE Confidence: 0.842056896

00:44:14.915 --> 00:44:18.638 Q&A and otherwise I I I have a a couple

NOTE Confidence: 0.842056896

00:44:18.638 --> 00:44:22.172 of kind of logistic questions. So.

NOTE Confidence: 0.842056896

00:44:22.172 --> 00:44:26.028 The first thing was in a cancer survivor,

NOTE Confidence: 0.842056896

00:44:26.030 --> 00:44:27.600 a breast cancer survivor who

NOTE Confidence: 0.842056896

00:44:27.600 --> 00:44:28.856 has some new symptoms,

NOTE Confidence: 0.842056896

00:44:28.860 --> 00:44:31.348 whether it's back pain or maybe a lump,

NOTE Confidence: 0.842056896

00:44:31.350 --> 00:44:33.726 they feel subcutaneous lump.

NOTE Confidence: 0.842056896

00:44:33.726 --> 00:44:35.182 Is, you know,

NOTE Confidence: 0.842056896

00:44:35.182 --> 00:44:38.170 you said to assess their risk of

NOTE Confidence: 0.842056896

00:44:38.170 --> 00:44:40.270 recurrence based on their initial

NOTE Confidence: 0.842056896

00:44:40.270 --> 00:44:43.518 cancer and and that is one thing that

NOTE Confidence: 0.842056896

00:44:43.518 --> 00:44:46.530 can really stump us in primary care.

NOTE Confidence: 0.842056896

00:44:46.530 --> 00:44:47.325 So, you know,

NOTE Confidence: 0.842056896

00:44:47.325 --> 00:44:50.299 what I find is whenever I see the name of

NOTE Confidence: 0.842056896

00:44:50.299 --> 00:44:52.399 the oncologist who treated the patient,

NOTE Confidence: 0.842056896

00:44:52.400 --> 00:44:54.070 and I recognized the name,

NOTE Confidence: 0.842056896

00:44:54.070 --> 00:44:55.948 and I pick up the phone,

NOTE Confidence: 0.842056896

00:44:55.950 --> 00:44:57.980 they have this encyclopedic knowledge

NOTE Confidence: 0.842056896

00:44:57.980 --> 00:45:00.679 of exactly what means what as far

NOTE Confidence: 0.842056896

00:45:00.679 --> 00:45:02.485 as what they were treated with,

NOTE Confidence: 0.842056896

00:45:02.490 --> 00:45:04.210 and, you know, their markers.

NOTE Confidence: 0.842056896

00:45:04.210 --> 00:45:06.268 And so I'm, I'm wondering is,

NOTE Confidence: 0.842056896

00:45:06.270 --> 00:45:08.028 is that something that's going to

NOTE Confidence: 0.842056896

00:45:08.028 --> 00:45:09.909 be addressed in this care plan or

NOTE Confidence: 0.842056896

00:45:09.910 --> 00:45:11.554 is that kind of just the right

NOTE Confidence: 0.842056896

00:45:11.554 --> 00:45:13.170 thing to do is to pick up the

NOTE Confidence: 0.842056896

00:45:13.225 --> 00:45:14.730 phone and call an oncologist,

NOTE Confidence: 0.842056896

00:45:14.730 --> 00:45:15.246 how,

NOTE Confidence: 0.842056896

00:45:15.246 --> 00:45:18.891 how should we proceed when we do

NOTE Confidence: 0.842056896

00:45:18.891 --> 00:45:22.180 suspect at late recurrence or of cancer?

NOTE Confidence: 0.691614425

00:45:24.330 --> 00:45:26.088 I Karen, it's a great question.

NOTE Confidence: 0.691614425

00:45:26.090 --> 00:45:27.090 Why did you go ahead.

NOTE Confidence: 0.691614425

00:45:27.090 --> 00:45:29.000 Sorry, go ahead. I basically

NOTE Confidence: 0.8721978775

00:45:29.010 --> 00:45:30.930 you know I would say that you know

NOTE Confidence: 0.8721978775

00:45:30.930 --> 00:45:32.883 picking up the phone is always very

NOTE Confidence: 0.8721978775

00:45:32.883 --> 00:45:35.170 helpful that's it's the best care

NOTE Confidence: 0.8721978775

00:45:35.170 --> 00:45:37.990 possible for the patient and again I've

NOTE Confidence: 0.8721978775

00:45:37.990 --> 00:45:40.358 known Jill and her group for a long

NOTE Confidence: 0.8721978775

00:45:40.358 --> 00:45:42.802 time and I I get these calls all the

NOTE Confidence: 0.8721978775

00:45:42.802 --> 00:45:45.225 time and I think that really improves

NOTE Confidence: 0.8721978775

00:45:45.225 --> 00:45:47.938 the care that tells that directs which,

NOTE Confidence: 0.8721978775

00:45:47.938 --> 00:45:50.234 which test needs to be done and

NOTE Confidence: 0.8721978775

00:45:50.234 --> 00:45:52.062 there are and we are actually

NOTE Confidence: 0.8721978775

00:45:52.062 --> 00:45:54.250 in a better position in a sense.

NOTE Confidence: 0.8721978775

00:45:54.250 --> 00:45:56.175 To tell as to what tests should

NOTE Confidence: 0.8721978775

00:45:56.175 --> 00:45:57.000 be done first.

NOTE Confidence: 0.8721978775

00:45:57.000 --> 00:45:58.650 That sometimes saves money and

NOTE Confidence: 0.8721978775

00:45:58.650 --> 00:46:00.300 as well as unnecessary tests

NOTE Confidence: 0.8721978775

00:46:00.357 --> 00:46:01.977 also and unnecessary anxiety.

NOTE Confidence: 0.8721978775

00:46:01.980 --> 00:46:03.900 Also looking at certain person,

NOTE Confidence: 0.8721978775

00:46:03.900 --> 00:46:04.710 certain patient,

NOTE Confidence: 0.8721978775

00:46:04.710 --> 00:46:07.093 we look at a certain abnormality,

NOTE Confidence: 0.8721978775

00:46:07.093 --> 00:46:09.917 we will say you know it's highly unlikely

NOTE Confidence: 0.8721978775

00:46:09.917 --> 00:46:11.950 related to breast cancer and that

NOTE Confidence: 0.8721978775

00:46:11.950 --> 00:46:13.920 may alleviate the anxiety right away.

NOTE Confidence: 0.80604016

00:46:15.230 --> 00:46:17.428 Yeah and I would echo exactly that,

NOTE Confidence: 0.80604016

00:46:17.430 --> 00:46:19.896 that same sentiment it's we love

NOTE Confidence: 0.80604016

00:46:19.896 --> 00:46:22.629 to hear from primary care doctors.

NOTE Confidence: 0.80604016

00:46:22.630 --> 00:46:24.891 You know we recognize that we're not

NOTE Confidence: 0.80604016

00:46:24.891 --> 00:46:28.488 up to date on the latest and greatest

NOTE Confidence: 0.80604016

00:46:28.488 --> 00:46:29.508 antihypertensives antihypertensives

NOTE Confidence: 0.80604016

00:46:29.508 --> 00:46:32.642 and I can't name anti diabetes

NOTE Confidence: 0.80604016

00:46:32.642 --> 00:46:34.690 medications except for metformin.

NOTE Confidence: 0.80604016

00:46:34.690 --> 00:46:39.746 So the Umm it really has to be

NOTE Confidence: 0.80604016

00:46:39.746 --> 00:46:42.730 a collaboration that we do come

NOTE Confidence: 0.80604016

00:46:42.730 --> 00:46:44.880 across any number of patients.

NOTE Confidence: 0.80604016

00:46:44.880 --> 00:46:47.270 Let's say I had cancer.

NOTE Confidence: 0.80604016

00:46:47.270 --> 00:46:48.704 My shoulder hurts.

NOTE Confidence: 0.80604016

00:46:48.704 --> 00:46:51.952 I need all the scans and and so

NOTE Confidence: 0.80604016

00:46:51.952 --> 00:46:53.656 it's a careful balance of what

NOTE Confidence: 0.80604016

00:46:53.656 --> 00:46:55.799 that patient's underlying risk is,

NOTE Confidence: 0.80604016

00:46:55.800 --> 00:46:57.490 which really is our job,

NOTE Confidence: 0.80604016

00:46:57.490 --> 00:46:59.055 and and what's the likelihood

NOTE Confidence: 0.80604016

00:46:59.055 --> 00:47:00.620 that this represents a metastatic

NOTE Confidence: 0.80604016

00:47:00.675 --> 00:47:01.770 or neoplastic process.

NOTE Confidence: 0.80604016

00:47:01.770 --> 00:47:03.624 And the the thing that I find to be

NOTE Confidence: 0.80604016

00:47:03.624 --> 00:47:05.648 helpful when explaining to patients at least,

NOTE Confidence: 0.80604016

00:47:05.650 --> 00:47:06.394 is cancer.

NOTE Confidence: 0.80604016

00:47:06.394 --> 00:47:09.370 Usually if cancer is going to come back,

NOTE Confidence: 0.80604016

00:47:09.370 --> 00:47:10.847 it's going to meet the three P's,

NOTE Confidence: 0.80604016

00:47:10.850 --> 00:47:11.828 it's going to be a symptom.

NOTE Confidence: 0.80604016

00:47:11.830 --> 00:47:12.542 That's perplexing.

NOTE Confidence: 0.80604016

00:47:12.542 --> 00:47:15.034 You don't know why you have it.

NOTE Confidence: 0.80604016

00:47:15.040 --> 00:47:17.152 You you didn't just shovel your

NOTE Confidence: 0.80604016

00:47:17.152 --> 00:47:19.568 driveway for three hours the day before.

NOTE Confidence: 0.80604016

00:47:19.570 --> 00:47:20.276 It's persistent.

NOTE Confidence: 0.80604016

00:47:20.276 --> 00:47:20.982 It's there,

NOTE Confidence: 0.80604016

00:47:20.982 --> 00:47:23.100 it doesn't go away and it's

NOTE Confidence: 0.80604016

00:47:23.170 --> 00:47:25.380 progressive and it's getting worse.

NOTE Confidence: 0.80604016

00:47:25.380 --> 00:47:27.151 And so those are the three things

NOTE Confidence: 0.80604016

00:47:27.151 --> 00:47:29.043 that kind of help us determine what

NOTE Confidence: 0.80604016

00:47:29.043 --> 00:47:31.050 we need to be more worried about.

NOTE Confidence: 0.80604016

00:47:31.050 --> 00:47:32.226 We're not going to worry about

NOTE Confidence: 0.80604016

00:47:32.226 --> 00:47:33.200 something if it's been there

NOTE Confidence: 0.80604016

00:47:33.200 --> 00:47:34.118 for an hour and a half.

NOTE Confidence: 0.80604016

00:47:34.120 --> 00:47:35.505 We're going to worry about

NOTE Confidence: 0.80604016

00:47:35.505 --> 00:47:37.209 something if it's been there for

NOTE Confidence: 0.80604016

00:47:37.209 --> 00:47:38.811 weeks and it really isn't behaving

NOTE Confidence: 0.80604016

00:47:38.811 --> 00:47:40.818 like it should if this were some

NOTE Confidence: 0.80604016

00:47:40.818 --> 00:47:42.370 other non neoplastic process and

NOTE Confidence: 0.80604016

00:47:42.370 --> 00:47:44.710 then deciding what test is best.

NOTE Confidence: 0.80604016

00:47:44.710 --> 00:47:46.880 To do really does kind of require

NOTE Confidence: 0.80604016

00:47:46.880 --> 00:47:48.462 a knowledge about the biology

NOTE Confidence: 0.80604016

00:47:48.462 --> 00:47:50.506 of the cancer and where is this

NOTE Confidence: 0.80604016

00:47:50.506 --> 00:47:51.959 most likely to show up.

NOTE Confidence: 0.80604016

00:47:51.960 --> 00:47:53.646 Some subtypes are more likely to

NOTE Confidence: 0.80604016

00:47:53.646 --> 00:47:55.593 actually show up in the brain and

NOTE Confidence: 0.80604016

00:47:55.593 --> 00:47:57.371 and we have to have that's that's

NOTE Confidence: 0.80604016

00:47:57.432 --> 00:47:59.216 kind of our job to to catch that.

NOTE Confidence: 0.80604016

00:47:59.220 --> 00:48:01.145 So we we love to hear from

NOTE Confidence: 0.80604016

00:48:01.145 --> 00:48:01.970 primary care doctors.

NOTE Confidence: 0.891159129

00:48:03.740 --> 00:48:05.816 And what if I don't know

NOTE Confidence: 0.891159129

00:48:05.816 --> 00:48:07.200 who the oncologist is?

NOTE Confidence: 0.891159129

00:48:07.200 --> 00:48:09.738 Or was the patients moved from out of state?

NOTE Confidence: 0.891159129

00:48:09.740 --> 00:48:13.418 Or perhaps the oncologist has retired?

NOTE Confidence: 0.891159129

00:48:13.420 --> 00:48:17.480 Is there a Kawaji Kawaji?

NOTE Confidence: 0.891159129

00:48:17.480 --> 00:48:19.040 Going out to all of our

NOTE Confidence: 0.891159129

00:48:19.040 --> 00:48:19.820 New Haven clinicians,

NOTE Confidence: 0.891159129

00:48:19.820 --> 00:48:21.908 you've got it all right.

NOTE Confidence: 0.891159129

00:48:21.908 --> 00:48:23.660 That is excellent now.

NOTE Confidence: 0.931613134

00:48:23.670 --> 00:48:26.350 We're always happy to help.

NOTE Confidence: 0.931613134

00:48:26.350 --> 00:48:28.645 All on in basket we're all on my chart

NOTE Confidence: 0.931613134

00:48:28.645 --> 00:48:31.045 and happy to to take a look and we may

NOTE Confidence: 0.931613134

00:48:31.045 --> 00:48:33.587 not be able to give you the right answer,

NOTE Confidence: 0.931613134

00:48:33.590 --> 00:48:35.823 but we're we're especially if we don't

NOTE Confidence: 0.931613134

00:48:35.823 --> 00:48:38.270 have all the information but but that's

NOTE Confidence: 0.931613134

00:48:38.270 --> 00:48:40.747 not a reason we have long-term people

NOTE Confidence: 0.931613134

00:48:40.747 --> 00:48:43.168 who can who who are happy to see and

NOTE Confidence: 0.931613134

00:48:43.170 --> 00:48:44.730 kind of assess their underlying risk.

NOTE Confidence: 0.800137811666667

00:48:45.410 --> 00:48:47.412 Thank you and that is again it

NOTE Confidence: 0.800137811666667

00:48:47.412 --> 00:48:49.830 is so helpful to say to a patient

NOTE Confidence: 0.800137811666667

00:48:49.830 --> 00:48:51.780 you know I'm not concerned that

NOTE Confidence: 0.800137811666667

00:48:51.780 --> 00:48:53.730 this cancer that this represents

NOTE Confidence: 0.800137811666667

00:48:53.730 --> 00:48:56.064 recurrent cancer and I also spoke.

NOTE Confidence: 0.800137811666667

00:48:56.064 --> 00:48:58.773 To your oncologist and they share that

NOTE Confidence: 0.800137811666667

00:48:58.773 --> 00:49:01.936 it it actually is is incredibly helpful.

NOTE Confidence: 0.800137811666667

00:49:01.940 --> 00:49:06.326 So thank you for that collaboration.

NOTE Confidence: 0.800137811666667

00:49:06.330 --> 00:49:07.919 Looks like we don't have other questions.

NOTE Confidence: 0.800137811666667

00:49:07.920 --> 00:49:09.270 So Jill, maybe you have a

NOTE Confidence: 0.800137811666667

00:49:09.270 --> 00:49:10.170 question I was going

NOTE Confidence: 0.825934471538462

00:49:10.180 --> 00:49:12.595 to ask just because in talking about

NOTE Confidence: 0.825934471538462

00:49:12.595 --> 00:49:14.609 survivorship or even in the process,

NOTE Confidence: 0.825934471538462

00:49:14.610 --> 00:49:17.571 it is very anxiety provoking and we

NOTE Confidence: 0.825934471538462

00:49:17.571 --> 00:49:20.609 are often called upon to prescribe

NOTE Confidence: 0.825934471538462

00:49:20.609 --> 00:49:23.409 anti anxiety meds or antidepressants.

NOTE Confidence: 0.825934471538462

00:49:23.410 --> 00:49:25.398 And if you could just comment if

NOTE Confidence: 0.825934471538462

00:49:25.398 --> 00:49:28.014 you have your preferred, if you,

NOTE Confidence: 0.825934471538462

00:49:28.014 --> 00:49:30.286 if there's certain SSRI's that you prefer,

NOTE Confidence: 0.825934471538462

00:49:30.286 --> 00:49:32.090 certain ones you want us to avoid,

NOTE Confidence: 0.825934471538462

00:49:32.090 --> 00:49:33.710 if you could maybe discuss that,

NOTE Confidence: 0.825934471538462

00:49:33.710 --> 00:49:37.880 that would be great. Sure.

NOTE Confidence: 0.825934471538462

00:49:37.880 --> 00:49:40.216 So it some of it depends on what

NOTE Confidence: 0.825934471538462

00:49:40.216 --> 00:49:42.127 the patient is actually taking

NOTE Confidence: 0.825934471538462

00:49:42.127 --> 00:49:43.799 from a cancer standpoint.

NOTE Confidence: 0.825934471538462

00:49:43.800 --> 00:49:46.790 Tamoxifen has some theoretical interactions

NOTE Confidence: 0.825934471538462

00:49:46.790 --> 00:49:51.422 with certain SSRI's such as paroxetine,

NOTE Confidence: 0.825934471538462

00:49:51.422 --> 00:49:53.684 sertraline, fluoxetine kind of

NOTE Confidence: 0.825934471538462

00:49:53.684 --> 00:49:57.486 all of the gotos it they can.

NOTE Confidence: 0.825934471538462

00:49:57.486 --> 00:50:01.338 They are sip 2D6 inhibitors which

NOTE Confidence: 0.825934471538462

00:50:01.338 --> 00:50:04.165 can inhibit tamoxifen's forming its

NOTE Confidence: 0.825934471538462

00:50:04.165 --> 00:50:06.090 active metabolite which is called.

NOTE Confidence: 0.825934471538462

00:50:06.090 --> 00:50:07.593 Oxygen little CME.

NOTE Confidence: 0.825934471538462

00:50:07.593 --> 00:50:10.098 Not that anyone actually cares

NOTE Confidence: 0.825934471538462

00:50:10.098 --> 00:50:14.079 but the the so we try not to Co

NOTE Confidence: 0.825934471538462

00:50:14.079 --> 00:50:15.856 prescribe those however venlafaxine

NOTE Confidence: 0.825934471538462

00:50:15.856 --> 00:50:19.448 so the SNR I and I use citalopram.

NOTE Confidence: 0.825934471538462

00:50:19.450 --> 00:50:21.315 Mrs Citalopram if you're really

NOTE Confidence: 0.825934471538462

00:50:21.315 --> 00:50:23.555 looking looking for an Sr those

NOTE Confidence: 0.825934471538462

00:50:23.555 --> 00:50:25.662 are good go TOS that don't have

NOTE Confidence: 0.825934471538462

00:50:25.662 --> 00:50:27.780 the same degree of interaction.

NOTE Confidence: 0.825934471538462

00:50:27.780 --> 00:50:30.450 There are no interactions for aromatase

NOTE Confidence: 0.825934471538462

00:50:30.450 --> 00:50:32.720 inhibitors that we worry about.

NOTE Confidence: 0.825934471538462

00:50:32.720 --> 00:50:34.430 Umm.

NOTE Confidence: 0.825934471538462

00:50:34.430 --> 00:50:35.084 You know,

NOTE Confidence: 0.825934471538462

00:50:35.084 --> 00:50:38.796 the the question of benzos is always one

NOTE Confidence: 0.825934471538462

00:50:38.796 --> 00:50:42.981 that we we try to minimize as much as we can.

NOTE Confidence: 0.825934471538462

00:50:42.990 --> 00:50:44.054 We can use it as a bridge,

NOTE Confidence: 0.825934471538462

00:50:44.060 --> 00:50:46.358 especially around diagnosis when we're just

NOTE Confidence: 0.825934471538462

00:50:46.358 --> 00:50:49.448 kind of in this very high anxiety time,

NOTE Confidence: 0.825934471538462

00:50:49.450 --> 00:50:52.390 but I generally do not favor.

NOTE Confidence: 0.825934471538462

00:50:52.390 --> 00:50:56.080 Long term use of benzodiazepines.

NOTE Confidence: 0.825934471538462

00:50:56.080 --> 00:50:56.440 Agreed.

NOTE Confidence: 0.825934471538462

00:50:56.440 --> 00:50:57.160 Thank you.

NOTE Confidence: 0.825934471538462

00:50:57.160 --> 00:50:57.520 Yeah.

NOTE Confidence: 0.825934471538462

00:50:57.520 --> 00:50:57.880 No,

NOTE Confidence: 0.825934471538462

00:50:57.880 --> 00:50:59.884 and that's really what I wanted

NOTE Confidence: 0.825934471538462

00:50:59.884 --> 00:51:01.740 to get to the choir.

NOTE Confidence: 0.825934471538462

00:51:01.740 --> 00:51:02.340 For sure

NOTE Confidence: 0.853925537777778

00:51:02.430 --> 00:51:03.895 there is psycho oncologists that

NOTE Confidence: 0.853925537777778

00:51:03.895 --> 00:51:05.928 are hard to get, but they are

NOTE Confidence: 0.853925537777778

00:51:05.928 --> 00:51:07.644 available and they are very helpful.

NOTE Confidence: 0.853925537777778

00:51:07.650 --> 00:51:09.890 And I think it's, again,

NOTE Confidence: 0.853925537777778

00:51:09.890 --> 00:51:12.178 the best thing is to have the good

NOTE Confidence: 0.853925537777778

00:51:12.178 --> 00:51:13.361 interaction between the primary

NOTE Confidence: 0.853925537777778

00:51:13.361 --> 00:51:15.293 care and the oncologist and that is

NOTE Confidence: 0.853925537777778

00:51:15.293 --> 00:51:16.892 very helpful when you are helping

NOTE Confidence: 0.853925537777778

00:51:16.892 --> 00:51:18.966 us take care of the anxiety parts.

NOTE Confidence: 0.853925537777778

00:51:18.966 --> 00:51:20.956 You know, that's very helpful.

NOTE Confidence: 0.8729774104

00:51:21.550 --> 00:51:23.956 One of my personal favorite opportunities

NOTE Confidence: 0.8729774104

00:51:23.956 --> 00:51:27.262 is when a patient comes to me for a

NOTE Confidence: 0.8729774104

00:51:27.262 --> 00:51:29.496 second opinion on whether they should

NOTE Confidence: 0.8729774104

00:51:29.496 --> 00:51:31.616 continue an aromatase inhibitor.

NOTE Confidence: 0.8729774104

00:51:31.620 --> 00:51:33.720 They hurt all over while actually

NOTE Confidence: 0.8729774104

00:51:33.720 --> 00:51:36.904 what I have found is one of my most

NOTE Confidence: 0.8729774104

00:51:36.904 --> 00:51:38.619 important tools is chart review.

NOTE Confidence: 0.8729774104

00:51:38.620 --> 00:51:40.850 So I simply go back to the note and and

NOTE Confidence: 0.8729774104

00:51:40.908 --> 00:51:43.344 very often it's actually outlined like the

NOTE Confidence: 0.8729774104

00:51:43.344 --> 00:51:45.539 risk of recurrence with this medicine,

NOTE Confidence: 0.8729774104

00:51:45.540 --> 00:51:47.339 the risk of recurrence without this medicine.

NOTE Confidence: 0.8729774104

00:51:47.340 --> 00:51:49.098 It's part of the counseling that

NOTE Confidence: 0.8729774104

00:51:49.098 --> 00:51:51.418 you do is often documented and and

NOTE Confidence: 0.8729774104

00:51:51.418 --> 00:51:53.578 and it's enormously helpful to me.

NOTE Confidence: 0.8729774104

00:51:53.580 --> 00:51:55.716 As I explore the patient's thinking,

NOTE Confidence: 0.8729774104

00:51:55.720 --> 00:51:57.724 obviously I'm I'm not going to

NOTE Confidence: 0.8729774104

00:51:57.724 --> 00:51:59.774 give a clear directive for that,

NOTE Confidence: 0.8729774104

00:51:59.774 --> 00:52:02.998 but I don't know if you have hints for

NOTE Confidence: 0.8729774104

00:52:02.998 --> 00:52:05.870 us in management of some of the symptoms

NOTE Confidence: 0.8729774104

00:52:05.946 --> 00:52:08.746 so that people can continue to take it.

NOTE Confidence: 0.8729774104

00:52:08.750 --> 00:52:10.130 Are are there anything that you

NOTE Confidence: 0.8729774104

00:52:10.130 --> 00:52:11.870 would like us to know about that?

NOTE Confidence: 0.7333392

00:52:13.160 --> 00:52:13.880 Any question?

NOTE Confidence: 0.916813525

00:52:16.380 --> 00:52:18.996 So exercise is actually one of the things,

NOTE Confidence: 0.916813525

00:52:19.000 --> 00:52:20.776 so musculoskeletal complaints,

NOTE Confidence: 0.916813525

00:52:20.776 --> 00:52:23.144 arthralgias related to aromatase

NOTE Confidence: 0.916813525

00:52:23.144 --> 00:52:26.800 inhibitors is a very common side effect,

NOTE Confidence: 0.916813525

00:52:26.800 --> 00:52:28.948 probably 30 to 50%

NOTE Confidence: 0.916813525

00:52:28.948 --> 00:52:31.096 experience some some degree,

NOTE Confidence: 0.916813525

00:52:31.100 --> 00:52:34.040 not necessarily the severe amount,

NOTE Confidence: 0.916813525

00:52:34.040 --> 00:52:36.938 but but some degree and exercise,

NOTE Confidence: 0.916813525

00:52:36.940 --> 00:52:40.223 weight bearing exercise has so many benefits

NOTE Confidence: 0.916813525

00:52:40.223 --> 00:52:42.902 just from cardiovascular risk and from

NOTE Confidence: 0.916813525

00:52:42.902 --> 00:52:45.709 bone density standpoints that in addition to.

NOTE Confidence: 0.916813525

00:52:45.710 --> 00:52:49.812 Being shown in clinical trials to produce

NOTE Confidence: 0.916813525

00:52:49.812 --> 00:52:52.765 aromatase inhibitor induced musculoskeletal

NOTE Confidence: 0.916813525

00:52:52.765 --> 00:52:55.926 complaints is is incredibly helpful.

NOTE Confidence: 0.916813525

00:52:55.926 --> 00:52:57.636 Other things acupuncture has

NOTE Confidence: 0.916813525

00:52:57.636 --> 00:53:00.229 been shown to be helpful.

NOTE Confidence: 0.916813525

00:53:00.230 --> 00:53:02.974 And duloxetine has been shown to be

NOTE Confidence: 0.916813525

00:53:02.974 --> 00:53:05.537 helpful and that's in phase three

NOTE Confidence: 0.916813525

00:53:05.537 --> 00:53:08.920 clinical trials placebo-controlled.

NOTE Confidence: 0.916813525

00:53:08.920 --> 00:53:12.748 Those are the most kind of.

NOTE Confidence: 0.83975556375

00:53:14.990 --> 00:53:17.498 Studied ways, but there are other

NOTE Confidence: 0.83975556375

00:53:17.498 --> 00:53:20.255 things that that Waji and I can

NOTE Confidence: 0.83975556375

00:53:20.255 --> 00:53:22.259 do from moving from 1 aromatase

NOTE Confidence: 0.83975556375

00:53:22.259 --> 00:53:24.807 to another for whatever reason.

NOTE Confidence: 0.83975556375

00:53:24.810 --> 00:53:26.115 Sometimes switching helps,

NOTE Confidence: 0.83975556375

00:53:26.115 --> 00:53:29.160 sometimes taking a break to figure out

NOTE Confidence: 0.83975556375

00:53:29.236 --> 00:53:31.644 is it really the AI that's doing it?

NOTE Confidence: 0.83975556375

00:53:31.650 --> 00:53:34.210 Sometimes switching to tamoxifen,

NOTE Confidence: 0.83975556375

00:53:34.210 --> 00:53:36.770 which has fewer musculoskeletal

NOTE Confidence: 0.83975556375

00:53:36.770 --> 00:53:39.090 complaints and all of that,

NOTE Confidence: 0.83975556375

00:53:39.090 --> 00:53:41.466 that conversation really does need to

NOTE Confidence: 0.83975556375

00:53:41.466 --> 00:53:43.410 include what's the underlying risk?

NOTE Confidence: 0.83975556375

00:53:43.410 --> 00:53:44.554 Is this somebody who's.

NOTE Confidence: 0.83975556375

00:53:44.554 --> 00:53:46.613 Incredibly high risk that we want to

NOTE Confidence: 0.83975556375

00:53:46.613 --> 00:53:48.359 give the absolute fully loaded endocrine

NOTE Confidence: 0.83975556375

00:53:48.359 --> 00:53:50.490 therapy for as long as we possibly can.

NOTE Confidence: 0.83975556375

00:53:50.490 --> 00:53:52.370 Or is this somebody with a very low

NOTE Confidence: 0.83975556375

00:53:52.370 --> 00:53:53.955 risk cancer where the difference

NOTE Confidence: 0.83975556375

00:53:53.955 --> 00:53:55.730 between 2 endocrine therapy strategies

NOTE Confidence: 0.83975556375

00:53:55.730 --> 00:53:57.590 is probably minimal and a month off

NOTE Confidence: 0.83975556375

00:53:57.590 --> 00:53:59.740 is not going to make a big deal,

NOTE Confidence: 0.83975556375

00:53:59.740 --> 00:54:01.713 make a big difference? So.

NOTE Confidence: 0.83975556375

00:54:01.713 --> 00:54:04.578 If you elicit that history,

NOTE Confidence: 0.83975556375

00:54:04.580 --> 00:54:07.596 it's it's we love getting those kind of,

NOTE Confidence: 0.83975556375

00:54:07.600 --> 00:54:08.743 hey heads up.

NOTE Confidence: 0.83975556375

00:54:08.743 --> 00:54:12.500 So and so is really having a tough time.

NOTE Confidence: 0.83975556375

00:54:12.500 --> 00:54:14.750 And and we can certainly explore

NOTE Confidence: 0.83975556375

00:54:14.750 --> 00:54:16.250 options and sometimes people

NOTE Confidence: 0.83975556375

00:54:16.312 --> 00:54:18.000 just can't tolerate it.

NOTE Confidence: 0.83975556375

00:54:18.000 --> 00:54:20.608 It happens and and you have to do the

NOTE Confidence: 0.83975556375

00:54:20.608 --> 00:54:22.589 risks and benefits and and it's our

NOTE Confidence: 0.83975556375

00:54:22.589 --> 00:54:24.617 job to make sure that we understand

NOTE Confidence: 0.83975556375

00:54:24.617 --> 00:54:26.897 all of the benefits and it's up to

NOTE Confidence: 0.83975556375

00:54:26.900 --> 00:54:28.280 the patient to decide whether or

NOTE Confidence: 0.83975556375

00:54:28.280 --> 00:54:29.681 not it's something that they can

NOTE Confidence: 0.83975556375

00:54:29.681 --> 00:54:31.420 tolerate and and many people can't.

NOTE Confidence: 0.798684912

00:54:34.010 --> 00:54:36.500 Good. I like that permission not

NOTE Confidence: 0.798684912

00:54:36.500 --> 00:54:38.160 to tolerate understanding risks.

NOTE Confidence: 0.80499592

00:54:38.290 --> 00:54:41.024 It's exactly right. It's it's, you know,

NOTE Confidence: 0.80499592

00:54:41.024 --> 00:54:42.440 we just have to explore it and make

NOTE Confidence: 0.80499592

00:54:42.486 --> 00:54:43.706 sure it's an informed decision.

NOTE Confidence: 0.878750476

00:54:45.690 --> 00:54:48.670 So we are drawing to the end of our hour.

NOTE Confidence: 0.878750476

00:54:48.670 --> 00:54:51.948 I'll ask one final question, which is,

NOTE Confidence: 0.878750476

00:54:51.948 --> 00:54:54.402 is there anything you just really

NOTE Confidence: 0.878750476

00:54:54.402 --> 00:54:56.958 wish the primary care clinicians

NOTE Confidence: 0.878750476

00:54:56.958 --> 00:54:59.750 knew in our relationship with you?

NOTE Confidence: 0.878750476

00:54:59.750 --> 00:55:01.590 And then I'm going to ask Jill if

NOTE Confidence: 0.878750476

00:55:01.590 --> 00:55:03.866 there's anything she really wishes that

NOTE Confidence: 0.878750476

00:55:03.866 --> 00:55:06.614 her oncology team knew for referrals?

NOTE Confidence: 0.643195563125

00:55:12.260 --> 00:55:17.028 I think an open I'll I'll volunteer again.

NOTE Confidence: 0.643195563125

00:55:17.030 --> 00:55:19.406 Um, I I think we've already hit on.

NOTE Confidence: 0.643195563125

00:55:19.410 --> 00:55:22.930 Probably my my. Favorite thing,

NOTE Confidence: 0.643195563125

00:55:22.930 --> 00:55:25.108 which is pick up the phone,

NOTE Confidence: 0.643195563125

00:55:25.110 --> 00:55:27.430 send me a my chart,

NOTE Confidence: 0.643195563125

00:55:27.430 --> 00:55:29.887 I'll give you my cell phone number.

NOTE Confidence: 0.643195563125

00:55:29.890 --> 00:55:33.028 The we want to be involved,

NOTE Confidence: 0.643195563125

00:55:33.030 --> 00:55:35.502 especially when it comes to more

NOTE Confidence: 0.643195563125

00:55:35.502 --> 00:55:37.770 advanced stages when people have

NOTE Confidence: 0.643195563125

00:55:37.770 --> 00:55:40.322 metastatic disease, goals of care,

NOTE Confidence: 0.643195563125

00:55:40.322 --> 00:55:41.290 conversation, prognosis.

NOTE Confidence: 0.643195563125

00:55:41.290 --> 00:55:45.241 We really do try very hard to to explore

NOTE Confidence: 0.643195563125

00:55:45.241 --> 00:55:49.406 those with our patients and and document it,

NOTE Confidence: 0.643195563125

00:55:49.410 --> 00:55:52.412 but we want to be involved with all.

NOTE Confidence: 0.643195563125

00:55:52.412 --> 00:55:55.418 Decisions and sometimes it may make

NOTE Confidence: 0.643195563125

00:55:55.418 --> 00:55:58.374 sense not to be doing evidence based

NOTE Confidence: 0.643195563125

00:55:58.374 --> 00:56:00.082 primary healthcare maintenance in

NOTE Confidence: 0.643195563125

00:56:00.082 --> 00:56:02.122 patients who have advanced cancer

NOTE Confidence: 0.643195563125

00:56:02.122 --> 00:56:04.298 and we're happy to to talk about it.

NOTE Confidence: 0.643195563125

00:56:04.300 --> 00:56:05.340 But then in other cases,

NOTE Confidence: 0.643195563125

00:56:05.340 --> 00:56:07.538 it may make sense for somebody to

NOTE Confidence: 0.643195563125

00:56:07.538 --> 00:56:09.655 have a colonoscopy even if they

NOTE Confidence: 0.643195563125

00:56:09.655 --> 00:56:11.139 have metastatic breast cancer.

NOTE Confidence: 0.643195563125

00:56:11.140 --> 00:56:12.500 We love to participate in

NOTE Confidence: 0.643195563125

00:56:12.500 --> 00:56:13.044 those conversations.

NOTE Confidence: 0.86233914

00:56:15.260 --> 00:56:16.522 Absolutely. You know, yes,

NOTE Confidence: 0.86233914

00:56:16.522 --> 00:56:18.090 it's good to have a good connection.

NOTE Confidence: 0.8854819035

00:56:18.090 --> 00:56:19.377 That's very important.

NOTE Confidence: 0.8854819035

00:56:19.377 --> 00:56:21.522 It's very helpful honestly and

NOTE Confidence: 0.8854819035

00:56:21.522 --> 00:56:23.870 it's very helpful also for non

NOTE Confidence: 0.8854819035

00:56:23.870 --> 00:56:25.994 oncologic care to be good also.

NOTE Confidence: 0.8854819035

00:56:26.000 --> 00:56:27.370 So that's why we definitely

NOTE Confidence: 0.8854819035

00:56:27.370 --> 00:56:29.130 need you and we need primary

NOTE Confidence: 0.8854819035

00:56:29.130 --> 00:56:30.760 care physicians to be deeply

NOTE Confidence: 0.8854819035

00:56:30.760 --> 00:56:32.809 involved in the care of patients.

NOTE Confidence: 0.834929533

00:56:34.850 --> 00:56:37.265 All right. And Jill, your

NOTE Confidence: 0.834929533

00:56:37.265 --> 00:56:40.310 perspective and then we will. I

NOTE Confidence: 0.880320435666667

00:56:40.360 --> 00:56:42.118 think I agree with everything that's

NOTE Confidence: 0.880320435666667

00:56:42.118 --> 00:56:44.387 been said and I think just knowing

NOTE Confidence: 0.880320435666667

00:56:44.387 --> 00:56:46.451 that our oncology colleagues are ready

NOTE Confidence: 0.880320435666667

00:56:46.451 --> 00:56:48.636 and willing to pick up the phone for

NOTE Confidence: 0.880320435666667

00:56:48.636 --> 00:56:50.880 us and we're willing to pick up the

NOTE Confidence: 0.880320435666667

00:56:50.880 --> 00:56:53.181 phone for them to allay a patient's

NOTE Confidence: 0.880320435666667

00:56:53.181 --> 00:56:55.449 fears because there are times when,

NOTE Confidence: 0.880320435666667

00:56:55.450 --> 00:56:57.475 you know, we get asked what is the unco.

NOTE Confidence: 0.706641891428571

00:56:59.540 --> 00:57:01.857 My number, what is the number mean?

NOTE Confidence: 0.706641891428571

00:57:01.860 --> 00:57:04.302 You know those kinds of conversations

NOTE Confidence: 0.706641891428571

00:57:04.302 --> 00:57:07.588 that are sort of beyond our expertise,

NOTE Confidence: 0.706641891428571

00:57:07.590 --> 00:57:09.252 but that we can be helpful

NOTE Confidence: 0.706641891428571

00:57:09.252 --> 00:57:11.270 in other ways. So thank

NOTE Confidence: 0.835538238

00:57:11.280 --> 00:57:14.432 you. All right. So thank you to all

NOTE Confidence: 0.835538238

00:57:14.432 --> 00:57:18.130 of you and to everybody who attended.

NOTE Confidence: 0.835538238

00:57:18.130 --> 00:57:21.630 This has been a very helpful conversation.

NOTE Confidence: 0.835538238

00:57:21.630 --> 00:57:24.948 Please stay tuned for a few final

NOTE Confidence: 0.835538238

00:57:24.948 --> 00:57:27.094 seconds because there is one more

NOTE Confidence: 0.835538238

00:57:27.094 --> 00:57:28.950 slide that is a kind of very quick.

NOTE Confidence: 0.835538238

00:57:28.950 --> 00:57:30.606 Evaluation and completing that

NOTE Confidence: 0.835538238

00:57:30.606 --> 00:57:32.676 is helpful for the series.

NOTE Confidence: 0.835538238

00:57:32.680 --> 00:57:34.955 And do you have any closing comments?

NOTE Confidence: 0.835538238

00:57:34.960 --> 00:57:36.288 No, this is terrific.

NOTE Confidence: 0.860805636666667

00:57:37.400 --> 00:57:38.880 The contacts are there.

NOTE Confidence: 0.860805636666667

00:57:38.880 --> 00:57:40.730 And then once this closes,

NOTE Confidence: 0.860805636666667

00:57:40.730 --> 00:57:42.370 you'll get a survey.

NOTE Confidence: 0.860805636666667

00:57:42.370 --> 00:57:44.938 If you could, if you could fill that out,

NOTE Confidence: 0.860805636666667

00:57:44.940 --> 00:57:45.960 that'd be helpful for us.

NOTE Confidence: 0.860805636666667

00:57:45.960 --> 00:57:49.584 And and tell your friends we we have

NOTE Confidence: 0.860805636666667

00:57:49.584 --> 00:57:52.574 one for next week or next month and

NOTE Confidence: 0.860805636666667

00:57:52.574 --> 00:57:54.759 actually we're scheduled throughout June.

NOTE Confidence: 0.860805636666667

00:57:54.760 --> 00:57:55.876 So if you enjoyed this today,

NOTE Confidence: 0.860805636666667

00:57:55.880 --> 00:57:56.628 just let us know.

NOTE Confidence: 0.860805636666667

00:57:56.628 --> 00:57:57.376 That would be helpful.

NOTE Confidence: 0.860805636666667

00:57:57.380 --> 00:57:59.550 Thanks so much everybody and.

NOTE Confidence: 0.860805636666667

00:57:59.550 --> 00:58:01.300 Happy Breast Cancer Awareness Month.

NOTE Confidence: 0.860805636666667

00:58:01.860 --> 00:58:03.000 Thank you.