WEBVTT

NOTE duration:"00:57:04"

NOTE recognizability:0.828

NOTE language:en-us

NOTE Confidence: 0.853590912

00:00:00.000 --> 00:00:02.850 Like to welcome you to smile

NOTE Confidence: 0.853590912

00:00:02.850 --> 00:00:04.750 shares with primary care.

NOTE Confidence: 0.853590912

00:00:04.750 --> 00:00:07.319 And we are going to be talking

NOTE Confidence: 0.853590912

00:00:07.319 --> 00:00:09.020 about gynecologic issues tonight.

NOTE Confidence: 0.818571418888889

00:00:11.210 --> 00:00:12.330 And let's see. Let's

NOTE Confidence: 0.818571418888889

00:00:12.330 --> 00:00:13.730 advance to the next slide.

NOTE Confidence: 0.8278296348

00:00:18.270 --> 00:00:21.486 Great. So this is a program that SMILE

NOTE Confidence: 0.8278296348

00:00:21.486 --> 00:00:24.363 has developed with an EMG and in Doctor

NOTE Confidence: 0.8278296348

00:00:24.363 --> 00:00:27.706 Karen Brown is is my partner in crime here.

NOTE Confidence: 0.8278296348

00:00:27.710 --> 00:00:29.996 It's a monthly lecture series that

NOTE Confidence: 0.8278296348

00:00:29.996 --> 00:00:31.910 really focuses on primary care,

NOTE Confidence: 0.8278296348

00:00:31.910 --> 00:00:34.720 perspectives on cancer and hematology

NOTE Confidence: 0.8278296348

00:00:34.720 --> 00:00:36.968 for primary care clinicians.

NOTE Confidence: 0.8278296348

00:00:36.970 --> 00:00:39.154 There are lots of other formats

NOTE Confidence: 0.8278296348

00:00:39.154 --> 00:00:41.610 and venues to learn about cancer,

NOTE Confidence: 0.8278296348

00:00:41.610 --> 00:00:44.834 but the aim here was really to develop

NOTE Confidence: 0.8278296348

00:00:44.834 --> 00:00:48.279 a panel that would address questions.

NOTE Confidence: 0.8278296348

00:00:48.280 --> 00:00:50.197 That primary care.

NOTE Confidence: 0.8278296348

00:00:50.197 --> 00:00:53.392 Has around cancer on different

NOTE Confidence: 0.8278296348

00:00:53.392 --> 00:00:57.017 topics and and also to focus on.

NOTE Confidence: 0.8278296348

00:00:57.020 --> 00:00:59.498 Teams working together in a specific region.

NOTE Confidence: 0.8278296348

00:00:59.500 --> 00:01:02.314 So we're we're focusing on gynecologic

NOTE Confidence: 0.8278296348

00:01:02.314 --> 00:01:05.952 oncology care today and and really in the

NOTE Confidence: 0.8278296348

00:01:05.952 --> 00:01:08.802 westerly water filled Waterford region.

NOTE Confidence: 0.8278296348

00:01:08.802 --> 00:01:12.757 It's a monthly lecture series,

NOTE Confidence: 0.8278296348

00:01:12.760 --> 00:01:15.385 first Tuesdays of the month from 5

NOTE Confidence: 0.8278296348

00:01:15.385 --> 00:01:18.829 to 6 and we have programs all the

NOTE Confidence: 0.8278296348

00:01:18.829 --> 00:01:21.510 way through until June and I'll

NOTE Confidence: 0.8278296348

00:01:21.510 --> 00:01:23.330 show you at the end.

NOTE Confidence: 0.8278296348

00:01:23.330 --> 00:01:25.730 I'm gonna hand it over to to Karen

NOTE Confidence: 0.8278296348

00:01:25.730 --> 00:01:28.278 any other words and and to get started

NOTE Confidence: 0.8278296348

00:01:28.278 --> 00:01:30.970 with the with our first introductions.

NOTE Confidence: 0.882449396666667

00:01:32.220 --> 00:01:34.975 I would just echo your

NOTE Confidence: 0.882449396666667

00:01:34.975 --> 00:01:37.179 excitement at this series.

NOTE Confidence: 0.882449396666667

00:01:37.180 --> 00:01:40.035 Welcome to everybody who's watching

NOTE Confidence: 0.882449396666667

00:01:40.035 --> 00:01:42.890 and gratitude to everybody who

NOTE Confidence: 0.882449396666667

00:01:42.982 --> 00:01:45.577 has put together this program.

NOTE Confidence: 0.882449396666667

00:01:45.580 --> 00:01:47.840 You know, in primary care,

NOTE Confidence: 0.882449396666667

00:01:47.840 --> 00:01:50.990 we do a lot of work and we also

NOTE Confidence: 0.882449396666667

00:01:50.990 --> 00:01:53.877 rely on specialists around us.

NOTE Confidence: 0.882449396666667

00:01:53.880 --> 00:01:55.536 When our patients get very sick,

NOTE Confidence: 0.882449396666667

00:01:55.540 --> 00:01:57.742 we take pride in recognizing when

NOTE Confidence: 0.882449396666667

00:01:57.742 --> 00:02:00.275 they get very sick and being able

NOTE Confidence: 0.882449396666667

00:02:00.275 --> 00:02:02.592 to expedite their care in a way.

NOTE Confidence: 0.882449396666667

00:02:02.600 --> 00:02:05.936 That meets their needs both medically

NOTE Confidence: 0.882449396666667

00:02:05.936 --> 00:02:08.596 and also psychologically and and

NOTE Confidence: 0.882449396666667

00:02:08.596 --> 00:02:11.364 new cancer is a high time of need

NOTE Confidence: 0.882449396666667

00:02:11.370 --> 00:02:14.022 and and so this series represents

NOTE Confidence: 0.882449396666667

00:02:14.022 --> 00:02:16.673 not just education around new cancer

NOTE Confidence: 0.882449396666667

00:02:16.673 --> 00:02:19.501 but it also recognizes that we are

NOTE Confidence: 0.882449396666667

00:02:19.501 --> 00:02:22.022 actively working to build bridges

NOTE Confidence: 0.882449396666667

00:02:22.022 --> 00:02:24.567 between primary care both through

NOTE Confidence: 0.882449396666667

00:02:24.567 --> 00:02:27.655 education through some of our care

NOTE Confidence: 0.882449396666667

00:02:27.655 --> 00:02:29.998 signature pathways and and and

NOTE Confidence: 0.882449396666667

00:02:29.998 --> 00:02:32.614 regionally as well because we know.

NOTE Confidence: 0.882449396666667

00:02:32.620 --> 00:02:34.356 Curious relationship based and

NOTE Confidence: 0.882449396666667

00:02:34.356 --> 00:02:37.614 we hope that this will be part

NOTE Confidence: 0.882449396666667

00:02:37.614 --> 00:02:39.906 of building those relationships.

NOTE Confidence: 0.882449396666667

00:02:39.910 --> 00:02:44.242 So I am pleased to introduce Jeff Joseph.

NOTE Confidence: 0.882449396666667

00:02:44.242 --> 00:02:49.350 Doctor Joseph is now a gynecologist in

NOTE Confidence: 0.882449396666667

00:02:49.350 --> 00:02:53.378 in the westerly region. He graduated.

NOTE Confidence: 0.882449396666667

00:02:53.378 --> 00:02:56.348 From Block Island High School.

NOTE Confidence: 0.882449396666667

00:02:56.350 --> 00:02:59.566 Fun fact. And it's really true.

NOTE Confidence: 0.882449396666667

00:02:59.570 --> 00:03:02.746 His graduating class had eight people in it.

NOTE Confidence: 0.882449396666667

00:03:02.750 --> 00:03:05.172 So talk about practicing medicine in a

NOTE Confidence: 0.882449396666667

00:03:05.172 --> 00:03:07.409 community and being from the community.

NOTE Confidence: 0.882449396666667

00:03:07.410 --> 00:03:09.480 His undergrad degree was in

NOTE Confidence: 0.882449396666667

00:03:09.480 --> 00:03:10.308 chemical Engineering,

NOTE Confidence: 0.882449396666667

00:03:10.310 --> 00:03:12.230 Masters degree in Georgetown and

NOTE Confidence: 0.882449396666667

00:03:12.230 --> 00:03:14.150 then New York Medical College.

NOTE Confidence: 0.882449396666667

00:03:14.150 --> 00:03:16.607 He did a residency at Bay State

NOTE Confidence: 0.882449396666667

00:03:16.607 --> 00:03:17.309 Medical Center,

NOTE Confidence: 0.882449396666667

00:03:17.310 --> 00:03:19.926 and then he worked at South

NOTE Confidence: 0.882449396666667

00:03:19.926 --> 00:03:21.670 County Hospital in Wakefield,

NOTE Confidence: 0.882449396666667

00:03:21.670 --> 00:03:24.472 RI for many years until he's

NOTE Confidence: 0.882449396666667

00:03:24.472 --> 00:03:25.406 joined northeast.

NOTE Confidence: 0.882449396666667

00:03:25.410 --> 00:03:28.630 Medical Group in 2021 and

NOTE Confidence: 0.882449396666667

00:03:28.630 --> 00:03:31.291 now his practice is GYN only,

NOTE Confidence: 0.882449396666667

00:03:31.291 --> 00:03:34.693 although he can say he's probably

NOTE Confidence: 0.882449396666667

00:03:34.693 --> 00:03:37.591 delivered over 3000 babies in

NOTE Confidence: 0.882449396666667

00:03:37.591 --> 00:03:39.819 his OBGYN years earlier.

NOTE Confidence: 0.882449396666667

00:03:39.820 --> 00:03:41.997 We are happy to have him present

NOTE Confidence: 0.882449396666667

00:03:41.997 --> 00:03:44.620 some cases on to kind of kick off

NOTE Confidence: 0.882449396666667

00:03:44.620 --> 00:03:47.185 discussions and I'll turn it over to

NOTE Confidence: 0.882449396666667

00:03:47.185 --> 00:03:49.360 you and for additional introductions.

NOTE Confidence: 0.751751764

00:03:50.140 --> 00:03:52.800 Great, thanks and welcome Doctor.

NOTE Confidence: 0.751751764

00:03:52.800 --> 00:03:54.580 Joseph, you're, you're a specialist,

NOTE Confidence: 0.751751764

00:03:54.580 --> 00:03:56.860 but tonight you're also primary care

NOTE Confidence: 0.751751764

00:03:56.860 --> 00:03:59.780 in terms of the gynecologic piece.

NOTE Confidence: 0.751751764

00:03:59.780 --> 00:04:03.000 So I'd like to introduce Johanna D'addario,

NOTE Confidence: 0.751751764

00:04:03.000 --> 00:04:08.380 MHS, PA She's a 2008 graduate of Quinnipiac

NOTE Confidence: 0.751751764

00:04:08.380 --> 00:04:10.820 University Physicians assistant program.

NOTE Confidence: 0.751751764

00:04:10.820 --> 00:04:12.636 She's got clinical experience

NOTE Confidence: 0.751751764

00:04:12.636 --> 00:04:13.998 in hospital medicine,

NOTE Confidence: 0.751751764

00:04:14.000 --> 00:04:16.044 primary care and gynecologic

NOTE Confidence: 0.751751764

00:04:16.044 --> 00:04:18.599 oncology and also experience in

NOTE Confidence: 0.751751764

00:04:18.599 --> 00:04:20.990 patient safety and PA education.

NOTE Confidence: 0.751751764

00:04:20.990 --> 00:04:23.270 Um, she's very interested in genetics,

NOTE Confidence: 0.751751764

00:04:23.270 --> 00:04:25.190 health and Wellness, disease prevention,

NOTE Confidence: 0.751751764

00:04:25.190 --> 00:04:28.466 and she joined us at Yale New Haven Health

NOTE Confidence: 0.751751764

00:04:28.466 --> 00:04:31.567 in 2018 as the coordinator of the Sexuality,

NOTE Confidence: 0.751751764

00:04:31.570 --> 00:04:33.306 Intimacy and Menopause Clinic.

NOTE Confidence: 0.751751764

00:04:33.306 --> 00:04:35.910 She enjoys helping women with cancer

NOTE Confidence: 0.751751764

00:04:35.977 --> 00:04:38.081 maintain healthy relationships and

NOTE Confidence: 0.751751764

00:04:38.081 --> 00:04:40.185 manage treatment side effects.

NOTE Confidence: 0.751751764

00:04:40.190 --> 00:04:42.854 And she's a member of the

NOTE Confidence: 0.751751764

00:04:42.854 --> 00:04:44.630 Society of Gynecologic Oncology,

NOTE Confidence: 0.751751764

00:04:44.630 --> 00:04:46.640 the North American Menopause Society

NOTE Confidence: 0.751751764

00:04:46.640 --> 00:04:48.650 and the Scientific Network on

NOTE Confidence: 0.751751764

00:04:48.718 --> 00:04:50.668 female Sexual health and cancer.

NOTE Confidence: 0.84380274125

00:04:52.920 --> 00:04:56.248 Like to then turn to Doctor Mitchell Clark,

NOTE Confidence: 0.84380274125

00:04:56.250 --> 00:04:58.980 who is an assistant professor and

NOTE Confidence: 0.84380274125

00:04:58.980 --> 00:05:01.789 OBGYN at the division of Kynance

NOTE Confidence: 0.84380274125

00:05:01.789 --> 00:05:04.034 at Yale School of Medicine.

NOTE Confidence: 0.84380274125

00:05:04.040 --> 00:05:07.344 He did his residency at Yale New Haven

NOTE Confidence: 0.84380274125

00:05:07.344 --> 00:05:09.885 Health and completed his fellowship

NOTE Confidence: 0.84380274125

00:05:09.885 --> 00:05:11.985 training at the internationally

NOTE Confidence: 0.84380274125

00:05:11.985 --> 00:05:14.085 renowned Princess Margaret Cancer

NOTE Confidence: 0.84380274125

00:05:14.085 --> 00:05:16.517 Center at the University of Toronto,

NOTE Confidence: 0.84380274125

00:05:16.520 --> 00:05:18.455 where he gained clinical and

NOTE Confidence: 0.84380274125

00:05:18.455 --> 00:05:20.003 surgical expertise in all

NOTE Confidence: 0.84380274125

00:05:20.003 --> 00:05:21.959 aspects of gynecological cancer.

NOTE Confidence: 0.84380274125

00:05:21.960 --> 00:05:22.730 Cancer care.

NOTE Confidence: 0.84380274125

00:05:22.730 --> 00:05:25.040 He also was very much engaged

NOTE Confidence: 0.84380274125

00:05:25.040 --> 00:05:27.811 in a rigorous research program

NOTE Confidence: 0.84380274125

00:05:27.811 --> 00:05:29.824 furthering on further understanding

NOTE Confidence: 0.84380274125

00:05:29.824 --> 00:05:32.393 the role of surgery and high risk

NOTE Confidence: 0.84380274125

00:05:32.393 --> 00:05:34.533 ovarian cancer and also during his

NOTE Confidence: 0.84380274125

00:05:34.533 --> 00:05:36.248 fellowship completed a Master of

NOTE Confidence: 0.84380274125

00:05:36.314 --> 00:05:38.379 Public Health degree and continues

NOTE Confidence: 0.84380274125

00:05:38.379 --> 00:05:40.444 to actively research cervical cancer

NOTE Confidence: 0.84380274125

00:05:40.450 --> 00:05:43.280 prevention at a population level

NOTE Confidence: 0.84380274125

00:05:43.280 --> 00:05:44.968 using administrative databases.

NOTE Confidence: 0.84380274125

00:05:44.968 --> 00:05:47.204 He's received numerous National

NOTE Confidence: 0.84380274125

00:05:47.204 --> 00:05:50.100 International awards for his research,

NOTE Confidence: 0.84380274125

00:05:50.100 --> 00:05:51.912 teaching and surgical skills.

NOTE Confidence: 0.84380274125

00:05:51.912 --> 00:05:52.818 Including this,

NOTE Confidence: 0.84380274125

00:05:52.820 --> 00:05:55.015 the Society of Gynecologic Oncology

NOTE Confidence: 0.84380274125

00:05:55.015 --> 00:05:57.809 of Canada Research Award Award of

NOTE Confidence: 0.84380274125

00:05:57.809 --> 00:06:00.469 Excellence and minimally invasive gynecology,

NOTE Confidence: 0.84380274125

00:06:00.470 --> 00:06:02.382 gynecology and Yale School

NOTE Confidence: 0.84380274125

00:06:02.382 --> 00:06:04.294 of Medicine Teaching award.

NOTE Confidence: 0.84380274125

00:06:04.300 --> 00:06:05.779 Thank you, Mitchell.

NOTE Confidence: 0.84380274125

00:06:05.779 --> 00:06:09.096 And then finally, Doctor Christy Kim,

NOTE Confidence: 0.84380274125

00:06:09.096 --> 00:06:10.320 MD, FACP,

NOTE Confidence: 0.84380274125

00:06:10.320 --> 00:06:12.215 She's an assistant professor in

NOTE Confidence: 0.84380274125

00:06:12.215 --> 00:06:14.110 clinical medicine and a General

NOTE Confidence: 0.84380274125

00:06:14.176 --> 00:06:15.884 Medical oncologist with special

NOTE Confidence: 0.84380274125

00:06:15.884 --> 00:06:18.019 interest and passion in gynecologic

NOTE Confidence: 0.84380274125

00:06:18.019 --> 00:06:20.197 and breast cancers and lymphoma.

NOTE Confidence: 0.84380274125

00:06:20.200 --> 00:06:21.684 She works at she,

NOTE Confidence: 0.84380274125

00:06:21.684 --> 00:06:23.910 she's at the Our Smile Cancer

NOTE Confidence: 0.84380274125

00:06:23.997 --> 00:06:26.447 Hospital Care Center in Waterford

NOTE Confidence: 0.84380274125

00:06:26.447 --> 00:06:28.897 and has also participated in

NOTE Confidence: 0.84380274125

00:06:28.981 --> 00:06:31.405 gynecologic oncology group clinical

NOTE Confidence: 0.84380274125

00:06:31.405 --> 00:06:34.435 trials as a primary investigator.

NOTE Confidence: 0.84380274125

00:06:34.440 --> 00:06:36.904 And as a member of the Society

NOTE Confidence: 0.84380274125

00:06:36.904 --> 00:06:38.641 of Gynecologic Oncology Clinical

NOTE Confidence: 0.84380274125

00:06:38.641 --> 00:06:39.859 Practice Committee,

NOTE Confidence: 0.84380274125

00:06:39.860 --> 00:06:42.188 she co-authored neuroendocrine tumors

NOTE Confidence: 0.84380274125

00:06:42.188 --> 00:06:45.098 of the gynecologic tract update

NOTE Confidence: 0.84380274125

00:06:45.100 --> 00:06:47.650 and she's also an active member

NOTE Confidence: 0.84380274125

00:06:47.650 --> 00:06:49.350 of the International Gynecologic

NOTE Confidence: 0.84380274125

00:06:49.416 --> 00:06:51.408 Cancer Society and European

NOTE Confidence: 0.84380274125

00:06:51.408 --> 00:06:53.400 Society of Gynecologic Oncology.

NOTE Confidence: 0.84380274125

00:06:53.400 --> 00:06:56.018 She was appointed at as an adjunct

NOTE Confidence: 0.84380274125

00:06:56.018 --> 00:06:57.586 assistant professor at Icahn

NOTE Confidence: 0.84380274125

00:06:57.586 --> 00:06:59.836 School of Medicine at Mount Sinai.

NOTE Confidence: 0.84380274125

00:06:59.840 --> 00:07:01.508 She's committed to improve the lives

NOTE Confidence: 0.84380274125

00:07:01.508 --> 00:07:03.680 of those who are impacted by cancer

NOTE Confidence: 0.84380274125

00:07:03.680 --> 00:07:05.678 and she feels really passionate about.

NOTE Confidence: 0.84380274125

00:07:05.680 --> 00:07:08.458 Providing the best evidence based therapy

NOTE Confidence: 0.84380274125

00:07:08.458 --> 00:07:10.910 options personalized to each patient.

NOTE Confidence: 0.84380274125

00:07:10.910 --> 00:07:15.439 So great faculty tonight I will ask

NOTE Confidence: 0.84380274125

00:07:15.439 --> 00:07:18.312 you to remember that we do have time

NOTE Confidence: 0.84380274125

00:07:18.312 --> 00:07:19.957 reserved at the end for questions

NOTE Confidence: 0.84380274125

00:07:19.957 --> 00:07:22.101 and that's been some of the the most

NOTE Confidence: 0.84380274125

00:07:22.155 --> 00:07:24.460 interactive and really interesting session.

NOTE Confidence: 0.84380274125

00:07:24.460 --> 00:07:25.416 So keep your questions.

NOTE Confidence: 0.84380274125

00:07:25.416 --> 00:07:27.620 You can put them in the chat later or

NOTE Confidence: 0.84380274125

00:07:27.620 --> 00:07:29.600 along the way we'll keep track of them.

NOTE Confidence: 0.84380274125

00:07:29.600 --> 00:07:32.144 Umm one more comment,

NOTE Confidence: 0.84380274125

00:07:32.144 --> 00:07:34.368 Doctor Brown, before we start,

NOTE Confidence: 0.807748813133333

00:07:35.040 --> 00:07:38.160 before before we begin, I just need to

NOTE Confidence: 0.807748813133333

00:07:38.160 --> 00:07:40.818 recognize the fact that the New Haven.

NOTE Confidence: 0.807748813133333

00:07:40.820 --> 00:07:44.096 Primary care community lost one of its

NOTE Confidence: 0.807748813133333

00:07:44.096 --> 00:07:48.021 own last month and I want to dedicate

NOTE Confidence: 0.807748813133333

00:07:48.021 --> 00:07:51.006 this session to Laura Whitman and

NOTE Confidence: 0.807748813133333

00:07:51.006 --> 00:07:55.229 and also say a few words about her.

NOTE Confidence: 0.807748813133333

00:07:55.230 --> 00:07:57.930 After spending time at Duke,

NOTE Confidence: 0.807748813133333

00:07:57.930 --> 00:08:00.050 UNC Upenn and Case Western

NOTE Confidence: 0.807748813133333

00:08:00.050 --> 00:08:01.746 Reserve School of Medicine,

NOTE Confidence: 0.807748813133333

00:08:01.750 --> 00:08:04.135 Laura completed her residency in

NOTE Confidence: 0.807748813133333

00:08:04.135 --> 00:08:06.750 internal medicine here at Yale in

NOTE Confidence: 0.807748813133333

00:08:06.750 --> 00:08:08.652 1996 and it was specifically in

NOTE Confidence: 0.807748813133333

00:08:08.652 --> 00:08:11.030 what we called an ambulatory care.

NOTE Confidence: 0.807748813133333

00:08:11.030 --> 00:08:13.571 Back she was also a chief resident

NOTE Confidence: 0.807748813133333

00:08:13.571 --> 00:08:15.630 in the primary care center,

NOTE Confidence: 0.807748813133333

00:08:15.630 --> 00:08:17.950 which used to be located on Howard Ave.

NOTE Confidence: 0.807748813133333

00:08:17.950 --> 00:08:21.574 and it was there that she and I

NOTE Confidence: 0.807748813133333

00:08:21.574 --> 00:08:24.220 worked together most intensively.

NOTE Confidence: 0.807748813133333

00:08:24.220 --> 00:08:26.716 She was recruited as a faculty

NOTE Confidence: 0.807748813133333

00:08:26.716 --> 00:08:29.119 member based on her excellent

NOTE Confidence: 0.807748813133333

00:08:29.119 --> 00:08:32.379 clinical and also educational skills.

NOTE Confidence: 0.807748813133333

00:08:32.380 --> 00:08:34.552 She demonstrated patient centeredness,

NOTE Confidence: 0.807748813133333

00:08:34.552 --> 00:08:37.810 and her kind manner was obvious

NOTE Confidence: 0.807748813133333

00:08:37.896 --> 00:08:40.456 to all of us who worked with her,

NOTE Confidence: 0.807748813133333

00:08:40.460 --> 00:08:43.036 whether we worked with her as a patient,

NOTE Confidence: 0.807748813133333

00:08:43.040 --> 00:08:45.595 in an exam room, in a clinic,

NOTE Confidence: 0.807748813133333

00:08:45.600 --> 00:08:48.120 conference room or lecture hall.

NOTE Confidence: 0.807748813133333

00:08:48.120 --> 00:08:51.809 She was a leader in the primary

NOTE Confidence: 0.807748813133333

00:08:51.809 --> 00:08:53.390 care medical education.

NOTE Confidence: 0.807748813133333

00:08:53.390 --> 00:08:57.170 And which relocated to the Cornell Scott

NOTE Confidence: 0.807748813133333

00:08:57.170 --> 00:09:00.529 Hill Health Center several years ago.

NOTE Confidence: 0.807748813133333

00:09:00.530 --> 00:09:03.506 She also was an author of the Yale

NOTE Confidence: 0.807748813133333

00:09:03.506 --> 00:09:05.919 Office based Medicine curriculum,

NOTE Confidence: 0.807748813133333

00:09:05.920 --> 00:09:08.622 which is a case based study that's

NOTE Confidence: 0.807748813133333

00:09:08.622 --> 00:09:10.868 used in medical residency clinics

NOTE Confidence: 0.807748813133333

00:09:10.868 --> 00:09:12.876 all over the country.

NOTE Confidence: 0.807748813133333

00:09:12.880 --> 00:09:15.148 She was a fierce advocate for

NOTE Confidence: 0.807748813133333

00:09:15.148 --> 00:09:17.415 vulnerable populations as well as a

NOTE Confidence: 0.807748813133333

00:09:17.415 --> 00:09:19.125 fierce advocate for primary care.

NOTE Confidence: 0.807748813133333

00:09:19.130 --> 00:09:20.990 Those of us who practice medicine,

NOTE Confidence: 0.807748813133333

00:09:20.990 --> 00:09:23.611 we we learned very quickly that

NOTE Confidence: 0.807748813133333

00:09:23.611 --> 00:09:26.016 there's no US versus them.

NOTE Confidence: 0.807748813133333

00:09:26.020 --> 00:09:28.990 And that we have another expression.

NOTE Confidence: 0.807748813133333

00:09:28.990 --> 00:09:30.550 I know we use it in this practice.

NOTE Confidence: 0.807748813133333

00:09:30.550 --> 00:09:32.690 I I suspect it's universal,

NOTE Confidence: 0.807748813133333

00:09:32.690 --> 00:09:34.946 that there's a clear lack of

NOTE Confidence: 0.807748813133333

00:09:34.946 --> 00:09:37.270 justice in most cancer diagnosis.

NOTE Confidence: 0.807748813133333

00:09:37.270 --> 00:09:40.286 Laura's illness and death is is no exception.

NOTE Confidence: 0.807748813133333

00:09:40.290 --> 00:09:42.486 The primary care community in the

NOTE Confidence: 0.807748813133333

00:09:42.486 --> 00:09:44.324 Yale Medicine community has lost

NOTE Confidence: 0.807748813133333

00:09:44.324 --> 00:09:46.160 someone whose impact will be felt

NOTE Confidence: 0.807748813133333

00:09:46.160 --> 00:09:48.224 for years to come in the lives

NOTE Confidence: 0.807748813133333

00:09:48.224 --> 00:09:50.176 of those who she trained in our

NOTE Confidence: 0.807748813133333

00:09:50.176 --> 00:09:51.806 memories and in our hearts.

NOTE Confidence: 0.938736463076923

00:09:54.200 --> 00:09:56.510 So with that, we will kick off

NOTE Confidence: 0.938736463076923

00:09:56.510 --> 00:09:59.040 with the first slide Doctor Joseph.

NOTE Confidence: 0.703181013333333

00:09:59.870 --> 00:10:02.990 Thanks Doctor Brown and welcome everybody.

NOTE Confidence: 0.703181013333333

00:10:02.990 --> 00:10:05.830 Our first patient is a 56 year old

NOTE Confidence: 0.703181013333333

00:10:05.830 --> 00:10:08.188 gravida 2 para, 22 vaginal deliveries.

NOTE Confidence: 0.703181013333333

00:10:08.188 --> 00:10:10.118 She's postmenopausal and she presented

NOTE Confidence: 0.703181013333333

00:10:10.118 --> 00:10:12.830 to the emergency department with a 2

NOTE Confidence: 0.703181013333333

00:10:12.830 --> 00:10:14.705 day history of abdominal discomfort.

NOTE Confidence: 0.703181013333333

00:10:14.710 --> 00:10:17.246 Workup including CAT scan of the abdomen and

NOTE Confidence: 0.703181013333333

00:10:17.246 --> 00:10:19.788 pelvis was consistent with gastroenteritis.

NOTE Confidence: 0.703181013333333

00:10:19.790 --> 00:10:22.086 She was treated with Ivy fluids and

NOTE Confidence: 0.703181013333333

00:10:22.086 --> 00:10:24.520 she was deemed stable for discharge.

NOTE Confidence: 0.703181013333333

00:10:24.520 --> 00:10:26.460 A6 centimeter left ovarian cyst

NOTE Confidence: 0.703181013333333

00:10:26.460 --> 00:10:28.807 was seen incidentally on the CAT

NOTE Confidence: 0.703181013333333

00:10:28.807 --> 00:10:30.823 scan in the emergency room arranged

NOTE Confidence: 0.703181013333333

00:10:30.823 --> 00:10:32.940 to follow up with gynecology.

NOTE Confidence: 0.703181013333333

00:10:32.940 --> 00:10:35.310 I think right there is where we see a little

NOTE Confidence: 0.703181013333333

00:10:35.370 --> 00:10:37.800 bit of the power of epic because I was paged.

NOTE Confidence: 0.703181013333333

00:10:37.800 --> 00:10:40.368 I think the emergency room physician was a

NOTE Confidence: 0.703181013333333

00:10:40.368 --> 00:10:43.018 little the patient wouldn't have follow up.

NOTE Confidence: 0.703181013333333

00:10:43.020 --> 00:10:44.980 She didn't have a GYN.

NOTE Confidence: 0.703181013333333

00:10:44.980 --> 00:10:47.482 So I was able to review the record and

NOTE Confidence: 0.703181013333333

00:10:47.482 --> 00:10:49.396 request that they drew tumor markers

NOTE Confidence: 0.703181013333333

00:10:49.396 --> 00:10:51.829 and asked that she have a pelvic

NOTE Confidence: 0.703181013333333

00:10:51.829 --> 00:10:53.814 ultrasound before she was discharged.

NOTE Confidence: 0.703181013333333

00:10:53.820 --> 00:10:55.346 She wasn't able to get the ultrasound.

NOTE Confidence: 0.703181013333333

00:10:55.350 --> 00:10:57.470 For discharge, but did get back in the

NOTE Confidence: 0.703181013333333

00:10:57.470 --> 00:10:59.799 morning so by the time I saw her telephone,

NOTE Confidence: 0.703181013333333

00:10:59.800 --> 00:11:03.020 ultrasound was already completed.

NOTE Confidence: 0.703181013333333

00:11:03.020 --> 00:11:05.435 So by the time she sees gynecology,

NOTE Confidence: 0.703181013333333

00:11:05.440 --> 00:11:08.480 the abdominal discomfort had improved.

NOTE Confidence: 0.703181013333333

00:11:08.480 --> 00:11:10.615 But she did note some abdominal bloating,

NOTE Confidence: 0.703181013333333

00:11:10.620 --> 00:11:13.077 which she attributed to her new plant

NOTE Confidence: 0.703181013333333

00:11:13.077 --> 00:11:14.998 based diet. Past medical history?

NOTE Confidence: 0.703181013333333

00:11:14.998 --> 00:11:16.876 Not too significant. Hyperlipidemia.

NOTE Confidence: 0.703181013333333

00:11:16.876 --> 00:11:19.500 She'd had an appendectomy.

NOTE Confidence: 0.703181013333333

00:11:19.500 --> 00:11:21.666 Her family history a little more

NOTE Confidence: 0.703181013333333

00:11:21.666 --> 00:11:23.110 interesting from maternal cousin

NOTE Confidence: 0.703181013333333

00:11:23.175 --> 00:11:24.789 with breast cancer at age 45.

NOTE Confidence: 0.703181013333333

00:11:24.790 --> 00:11:26.542 Maternal uncle with pancreatic

NOTE Confidence: 0.703181013333333

00:11:26.542 --> 00:11:28.294 cancer at age 60.

NOTE Confidence: 0.703181013333333

00:11:28.300 --> 00:11:29.094 Her parents,

NOTE Confidence: 0.703181013333333

00:11:29.094 --> 00:11:31.476 siblings and children are all healthy,

NOTE Confidence: 0.703181013333333

00:11:31.480 --> 00:11:35.918 and she was not Ashkenazi Jewish ancestry.

NOTE Confidence: 0.703181013333333

00:11:35.920 --> 00:11:37.692 Pelvic exam was normal.

NOTE Confidence: 0.703181013333333

00:11:37.692 --> 00:11:39.552 External genitalia, normal speculum exam.

NOTE Confidence: 0.703181013333333

00:11:39.552 --> 00:11:41.496 The abdomen was certainly not acute,

NOTE Confidence: 0.703181013333333

00:11:41.500 --> 00:11:44.220 but there was a palpable left adnexal cyst.

NOTE Confidence: 0.881285293333333

00:11:47.880 --> 00:11:49.449 The transvaginal ultrasound

NOTE Confidence: 0.881285293333333

00:11:49.449 --> 00:11:52.172 that was ordered did show that

NOTE Confidence: 0.881285293333333

00:11:52.172 --> 00:11:54.476 it was a complex ovarian cyst,

NOTE Confidence: 0.881285293333333

00:11:54.480 --> 00:11:55.696 and thankfully the right

NOTE Confidence: 0.881285293333333

00:11:55.696 --> 00:11:57.216 ovary and uterus are normal.

NOTE Confidence: 0.881285293333333

00:11:57.220 --> 00:11:59.632 Again, I think that's where the

NOTE Confidence: 0.881285293333333

00:11:59.632 --> 00:12:02.262 ultrasound is a little bit more

NOTE Confidence: 0.881285293333333

00:12:02.262 --> 00:12:04.150 accurate test for gynecology.

NOTE Confidence: 0.881285293333333

00:12:04.150 --> 00:12:05.750 Remember with the CAT scan

NOTE Confidence: 0.881285293333333

00:12:05.750 --> 00:12:08.050 you need IV or oral contrast,

NOTE Confidence: 0.881285293333333

00:12:08.050 --> 00:12:10.264 and with uterus tubes and ovaries

NOTE Confidence: 0.881285293333333

00:12:10.264 --> 00:12:12.380 those those can be sort of.

NOTE Confidence: 0.881285293333333

00:12:12.380 --> 00:12:14.260 Exaggerated on the CAT scan,

NOTE Confidence: 0.881285293333333

00:12:14.260 --> 00:12:16.178 so we kind of live and die

NOTE Confidence: 0.881285293333333

00:12:16.178 --> 00:12:17.000 with the ultrasound.

NOTE Confidence: 0.881285293333333

00:12:17.000 --> 00:12:18.752 I had asked you tumor markers to be

NOTE Confidence: 0.881285293333333

00:12:18.752 --> 00:12:21.280 drawn that was the CA 125 and the H4.

NOTE Confidence: 0.881285293333333

00:12:21.280 --> 00:12:23.638 The CA 125 came back elevated.

NOTE Confidence: 0.881285293333333

00:12:23.640 --> 00:12:26.340 That's returned in about 24 hours.

NOTE Confidence: 0.881285293333333

00:12:26.340 --> 00:12:28.285 The H4 unfortunately takes about

NOTE Confidence: 0.881285293333333

00:12:28.285 --> 00:12:30.712 a week and that was pending

NOTE Confidence: 0.881285293333333

00:12:30.712 --> 00:12:33.148 at the time of the evaluation.

NOTE Confidence: 0.881285293333333

00:12:33.150 --> 00:12:37.497 CEA and CA. 19 nine for normal.

NOTE Confidence: 0.881285293333333

00:12:37.500 --> 00:12:40.754 With the elevated C125I referred

NOTE Confidence: 0.881285293333333

00:12:40.754 --> 00:12:42.239 the patient to GYN Oncology.

NOTE Confidence: 0.841013177777778

00:12:44.600 --> 00:12:45.660 Thank you, Doctor Joseph.

NOTE Confidence: 0.841013177777778

00:12:45.660 --> 00:12:47.889 So I had the pleasure of meeting with

NOTE Confidence: 0.841013177777778

00:12:47.889 --> 00:12:49.926 this lady and and reviewed the workup

NOTE Confidence: 0.841013177777778

00:12:49.926 --> 00:12:52.190 that had been completed by Jeff thus far.

NOTE Confidence: 0.841013177777778

00:12:52.190 --> 00:12:54.815 And I completely agree the the ultrasound

NOTE Confidence: 0.841013177777778

00:12:54.815 --> 00:12:57.266 is really such a a more sensitive

NOTE Confidence: 0.841013177777778

00:12:57.266 --> 00:12:59.599 and specific tool for us and given

NOTE Confidence: 0.841013177777778

00:12:59.599 --> 00:13:01.837 the complex features that we saw.

NOTE Confidence: 0.841013177777778

00:13:01.840 --> 00:13:03.768 So some solid components,

NOTE Confidence: 0.841013177777778

00:13:03.768 --> 00:13:06.660 some abnormal vascularity within that cyst,

NOTE Confidence: 0.841013177777778

00:13:06.660 --> 00:13:08.502 this patient was was counseled that

NOTE Confidence: 0.841013177777778

00:13:08.502 --> 00:13:10.499 she would she should really undergo

NOTE Confidence: 0.841013177777778

00:13:10.499 --> 00:13:12.635 a laparoscopic evaluation and at a

NOTE Confidence: 0.841013177777778

00:13:12.635 --> 00:13:14.668 minimum removal of that tube and ovary.

NOTE Confidence: 0.841013177777778

00:13:14.670 --> 00:13:16.980 With Frozen section and plans

NOTE Confidence: 0.841013177777778

00:13:16.980 --> 00:13:18.366 for surgical staging,

NOTE Confidence: 0.841013177777778

00:13:18.370 --> 00:13:20.708 if that was to reveal a malignancy,

NOTE Confidence: 0.841013177777778

00:13:20.710 --> 00:13:22.480 most of these cases can be

NOTE Confidence: 0.841013177777778

00:13:22.480 --> 00:13:23.365 done laparoscopically now.

NOTE Confidence: 0.841013177777778

00:13:23.370 --> 00:13:24.482 But for this patient,

NOTE Confidence: 0.841013177777778

00:13:24.482 --> 00:13:26.573 we put the camera inside and what

NOTE Confidence: 0.841013177777778

00:13:26.573 --> 00:13:28.021 was immediately apparent was

NOTE Confidence: 0.841013177777778

00:13:28.021 --> 00:13:29.831 that there was already evidence

NOTE Confidence: 0.841013177777778

00:13:29.887 --> 00:13:31.669 of disease outside of the ovary.

NOTE Confidence: 0.841013177777778

00:13:31.670 --> 00:13:34.766 This can certainly be missed on CT scan,

NOTE Confidence: 0.841013177777778

00:13:34.770 --> 00:13:37.248 especially when we see very small

NOTE Confidence: 0.841013177777778

00:13:37.248 --> 00:13:38.900 peritoneal based disease and

NOTE Confidence: 0.841013177777778

00:13:38.967 --> 00:13:41.445 fortunately it's not often that those

NOTE Confidence: 0.841013177777778

00:13:41.445 --> 00:13:43.830 things are overlooked by a CT scan,

NOTE Confidence: 0.841013177777778

00:13:43.830 --> 00:13:45.030 but we do know that.

NOTE Confidence: 0.841013177777778

00:13:45.030 --> 00:13:47.557 Most women with an ovarian cancer will

NOTE Confidence: 0.841013177777778

00:13:47.557 --> 00:13:50.127 present at a more advanced stage just

NOTE Confidence: 0.841013177777778

00:13:50.127 --> 00:13:53.170 due to really our lack of of good

NOTE Confidence: 0.841013177777778

00:13:53.170 --> 00:13:55.714 screening and early diagnosis right now.

NOTE Confidence: 0.841013177777778

00:13:55.720 --> 00:13:57.280 And so because of this,

NOTE Confidence: 0.841013177777778

00:13:57.280 --> 00:13:58.740 this patient's procedure was

NOTE Confidence: 0.841013177777778

00:13:58.740 --> 00:14:00.565 converted to an open approach.

NOTE Confidence: 0.841013177777778

00:14:00.570 --> 00:14:02.894 That's really still the standard of care

NOTE Confidence: 0.841013177777778

00:14:02.894 --> 00:14:05.780 when we find disease outside of the ovary,

NOTE Confidence: 0.841013177777778

00:14:05.780 --> 00:14:07.788 but it never hurts to put a camera

NOTE Confidence: 0.841013177777778

00:14:07.788 --> 00:14:09.638 inside and just sees going on 1st.

NOTE Confidence: 0.841013177777778

00:14:09.640 --> 00:14:11.719 And so we proceeded with more of

NOTE Confidence: 0.841013177777778

00:14:11.719 --> 00:14:13.747 a sudden reduction or what we used

NOTE Confidence: 0.841013177777778

00:14:13.747 --> 00:14:15.355 to call the debulking and now.

NOTE Confidence: 0.841013177777778

00:14:15.360 --> 00:14:17.232 The goal is really shifted towards

NOTE Confidence: 0.841013177777778

00:14:17.232 --> 00:14:19.121 removing all of the visible disease

NOTE Confidence: 0.841013177777778

00:14:19.121 --> 00:14:21.433 that we see at the time of surgery

NOTE Confidence: 0.841013177777778

00:14:21.494 --> 00:14:23.169 and that confers really the

NOTE Confidence: 0.841013177777778

00:14:23.169 --> 00:14:24.844 best survival for these women.

NOTE Confidence: 0.841013177777778

00:14:24.850 --> 00:14:27.454 So we completed that surgery without any

NOTE Confidence: 0.841013177777778

00:14:27.454 --> 00:14:29.390 complications and she was discharged

NOTE Confidence: 0.841013177777778

00:14:29.390 --> 00:14:31.774 home three or four days after her

NOTE Confidence: 0.841013177777778

00:14:31.774 --> 00:14:33.827 laparotomy and we referred her on

NOTE Confidence: 0.841013177777778

00:14:33.827 --> 00:14:35.783 to meet with our medical oncologist.

NOTE Confidence: 0.841013177777778

00:14:35.790 --> 00:14:37.480 And they're really an incredible

NOTE Confidence: 0.841013177777778

00:14:37.480 --> 00:14:40.398 part of what we do for these women

NOTE Confidence: 0.841013177777778

00:14:40.398 --> 00:14:42.323 because it's a real combination

NOTE Confidence: 0.841013177777778

00:14:42.323 --> 00:14:44.289 of surgery and chemotherapy.

NOTE Confidence: 0.841013177777778

00:14:44.290 --> 00:14:46.274 And so she met with their medical oncologist.

NOTE Confidence: 0.841013177777778

00:14:46.280 --> 00:14:49.080 Discuss chemotherapy as she was found to

NOTE Confidence: 0.841013177777778

00:14:49.080 --> 00:14:52.250 have a stage 3C ovarian high grade serous,

NOTE Confidence: 0.841013177777778

00:14:52.250 --> 00:14:54.272 which is the most common type

NOTE Confidence: 0.841013177777778

00:14:54.272 --> 00:14:55.960 of ovarian cancer we see.

NOTE Confidence: 0.841013177777778

00:14:55.960 --> 00:14:57.626 And we'll talk a little bit about

NOTE Confidence: 0.841013177777778

00:14:57.626 --> 00:14:59.208 the importance of genetics and why

NOTE Confidence: 0.841013177777778

00:14:59.208 --> 00:15:00.563 every woman with serous ovarian

NOTE Confidence: 0.841013177777778

00:15:00.563 --> 00:15:02.326 cancer is referred to meet with

NOTE Confidence: 0.841013177777778

00:15:02.326 --> 00:15:03.494 our wonderful genetics team.

NOTE Confidence: 0.841013177777778

00:15:03.500 --> 00:15:05.943 And this patient was actually found to

NOTE Confidence: 0.841013177777778

00:15:05.943 --> 00:15:08.240 harbor a mutation in the BRCH 2 gene.

NOTE Confidence: 0.841013177777778

00:15:08.240 --> 00:15:10.210 Next slide.

NOTE Confidence: 0.841013177777778

00:15:10.210 --> 00:15:12.142 This is a really great figure to

NOTE Confidence: 0.841013177777778

00:15:12.142 --> 00:15:14.046 show sort of how exciting things

NOTE Confidence: 0.841013177777778

00:15:14.046 --> 00:15:16.405 have become over just even the last

NOTE Confidence: 0.841013177777778

00:15:16.475 --> 00:15:18.010 10 years in this disease.

NOTE Confidence: 0.841013177777778

00:15:18.010 --> 00:15:20.202 For the last you know if we look

NOTE Confidence: 0.841013177777778

00:15:20.202 --> 00:15:22.388 back here 2025 years really it was it

NOTE Confidence: 0.841013177777778

00:15:22.388 --> 00:15:23.889 was toying with which chemotherapy

NOTE Confidence: 0.841013177777778

00:15:23.889 --> 00:15:26.311 combination is going to give us the

NOTE Confidence: 0.841013177777778

00:15:26.311 --> 00:15:28.535 best outcomes and those outcomes were

NOTE Confidence: 0.841013177777778

00:15:28.535 --> 00:15:30.743 still very disappointing for this disease.

NOTE Confidence: 0.841013177777778

00:15:30.750 --> 00:15:32.850 What we're very excited by are

NOTE Confidence: 0.841013177777778

00:15:32.850 --> 00:15:34.250 the advances in maintenance

NOTE Confidence: 0.844701095769231

00:15:34.317 --> 00:15:36.217 therapy and our understanding of

NOTE Confidence: 0.844701095769231

00:15:36.217 --> 00:15:38.117 the underlying biology of most

NOTE Confidence: 0.844701095769231

00:15:38.186 --> 00:15:39.998 of these cancers and how that.

NOTE Confidence: 0.844701095769231

00:15:40.000 --> 00:15:42.110 Would impact what our medical

NOTE Confidence: 0.844701095769231

00:15:42.110 --> 00:15:43.798 oncologist and author recommending

NOTE Confidence: 0.844701095769231

00:15:43.798 --> 00:15:46.803 for patients to go on after they've

NOTE Confidence: 0.844701095769231

00:15:46.803 --> 00:15:48.063 completed their chemotherapy.

NOTE Confidence: 0.844701095769231

00:15:48.070 --> 00:15:48.850 So next slide.

NOTE Confidence: 0.888264693333334

00:15:51.840 --> 00:15:54.080 This is probably one of the more

NOTE Confidence: 0.888264693333334

00:15:54.080 --> 00:15:56.244 important papers and and one of the

NOTE Confidence: 0.888264693333334

00:15:56.244 --> 00:15:57.948 figures that gets put onto every

NOTE Confidence: 0.888264693333334

00:15:58.013 --> 00:15:59.897 talk and it really highlights that

NOTE Confidence: 0.888264693333334

00:15:59.897 --> 00:16:02.368 this is no longer just A1 fit all

NOTE Confidence: 0.888264693333334

00:16:02.368 --> 00:16:04.577 cancer that we really go ahead and

NOTE Confidence: 0.888264693333334

00:16:04.577 --> 00:16:06.187 look at the underlying genetics

NOTE Confidence: 0.888264693333334

00:16:06.187 --> 00:16:08.599 of all of our patients tumors.

NOTE Confidence: 0.888264693333334

00:16:08.600 --> 00:16:11.072 And why that matters is that it has

NOTE Confidence: 0.888264693333334

00:16:11.072 --> 00:16:13.520 been found that about 50% of women

NOTE Confidence: 0.888264693333334

00:16:13.520 --> 00:16:15.344 with serious ovarian cancer, hybrid,

NOTE Confidence: 0.888264693333334

00:16:15.344 --> 00:16:17.648 serious ovarian cancer will have an

NOTE Confidence: 0.888264693333334

00:16:17.648 --> 00:16:19.311 underlying deficiency in homologous

NOTE Confidence: 0.888264693333334

00:16:19.311 --> 00:16:21.119 recombination and that means.

NOTE Confidence: 0.888264693333334

00:16:21.120 --> 00:16:23.192 That about half of women are eligible

NOTE Confidence: 0.888264693333334

00:16:23.192 --> 00:16:25.610 for these new types of oral medications

NOTE Confidence: 0.888264693333334

00:16:25.610 --> 00:16:27.806 that are taken after chemotherapy and

NOTE Confidence: 0.888264693333334

00:16:27.870 --> 00:16:29.790 have really revolutionized the outcomes

NOTE Confidence: 0.888264693333334

00:16:29.790 --> 00:16:32.306 and the survival for women for with

NOTE Confidence: 0.888264693333334

00:16:32.306 --> 00:16:34.690 the disease that many years ago had a

NOTE Confidence: 0.888264693333334

00:16:34.762 --> 00:16:37.490 survival that was measured in a few years.

NOTE Confidence: 0.888264693333334

00:16:37.490 --> 00:16:39.584 And we continue to look forward

NOTE Confidence: 0.888264693333334

00:16:39.584 --> 00:16:41.404 to seeing the excellent outcomes

NOTE Confidence: 0.888264693333334

00:16:41.404 --> 00:16:43.528 of the data from these trials.

NOTE Confidence: 0.888264693333334

00:16:43.530 --> 00:16:44.163 So with that,

NOTE Confidence: 0.888264693333334

00:16:44.163 --> 00:16:45.902 I'm going to hand things over to Doctor

NOTE Confidence: 0.888264693333334

00:16:45.902 --> 00:16:47.622 Kim to talk a little bit more about

NOTE Confidence: 0.888264693333334

00:16:47.622 --> 00:16:49.444 some of the nuances in these oral meds.

NOTE Confidence: 0.7742083525

00:16:51.580 --> 00:16:53.180 Thank you, Doctor Clark.

NOTE Confidence: 0.7742083525

00:16:53.180 --> 00:16:56.334 So this is a part park inhibitor.

NOTE Confidence: 0.7742083525

00:16:56.334 --> 00:16:59.960 Park stands for the Poly ADP ribose

NOTE Confidence: 0.7742083525

00:17:00.052 --> 00:17:02.963 story polymerase inhibitors enzyme

NOTE Confidence: 0.7742083525

00:17:02.963 --> 00:17:05.854 that involves in the DNA repair through

NOTE Confidence: 0.7742083525

00:17:05.854 --> 00:17:09.840 the another pathway called place.

NOTE Confidence: 0.7742083525

00:17:09.840 --> 00:17:13.194 Or uh. Accessing goals strand DNA

NOTE Confidence: 0.7742083525

00:17:13.194 --> 00:17:16.091 breaks and partly vision blocks

NOTE Confidence: 0.7742083525

00:17:16.091 --> 00:17:19.445 the ability to park inhibitor to

NOTE Confidence: 0.7742083525

00:17:19.445 --> 00:17:22.958 participate in the DNA damage repair.

NOTE Confidence: 0.7742083525

00:17:22.960 --> 00:17:27.265 So it's what's called synthetic lethality.

NOTE Confidence: 0.7742083525

00:17:27.265 --> 00:17:29.920 So where the.

NOTE Confidence: 0.7742083525

00:17:29.920 --> 00:17:32.237 To Mark cannot really repair its own

NOTE Confidence: 0.7742083525

00:17:32.237 --> 00:17:35.374 and kind of comes to a cell bed so it's

NOTE Confidence: 0.7742083525

00:17:35.374 --> 00:17:37.636 most effective in the BRACA mutations

NOTE Confidence: 0.7742083525

00:17:37.636 --> 00:17:39.939 as Doctor Clark had deluded about

NOTE Confidence: 0.7742083525

00:17:39.939 --> 00:17:43.345 50% of the serious ovarian cancer

NOTE Confidence: 0.7742083525

00:17:43.345 --> 00:17:47.392 harbors so HR along with becoming

NOTE Confidence: 0.7742083525

00:17:47.392 --> 00:17:50.425 BRACA mutations and there are four

NOTE Confidence: 0.7742083525

00:17:50.425 --> 00:17:52.750 main part manipulator including elaborate.

NOTE Confidence: 0.654806863125

00:17:54.910 --> 00:17:57.349 And that was that for the first three years

NOTE Confidence: 0.654806863125

00:17:57.349 --> 00:17:59.708 are at the approved for Dorian cancers,

NOTE Confidence: 0.654806863125

00:17:59.710 --> 00:18:01.694 the last one is for the breast cancer.

NOTE Confidence: 0.854002285

00:18:03.840 --> 00:18:07.306 Next slide. So this was a big

NOTE Confidence: 0.854002285

00:18:07.306 --> 00:18:09.510 trial that kind of led to the.

NOTE Confidence: 0.854002285

00:18:09.510 --> 00:18:13.470 The 2018. As a maintenance,

NOTE Confidence: 0.854002285

00:18:13.470 --> 00:18:16.340 so currently in the US the apartment numbers

NOTE Confidence: 0.854002285

00:18:16.340 --> 00:18:18.878 are indicated as a maintenance therapy.

NOTE Confidence: 0.854002285

00:18:18.880 --> 00:18:22.464 So this is a breakthrough in you know

NOTE Confidence: 0.854002285

00:18:22.464 --> 00:18:25.649 this kind of demonstrated we are.

NOTE Confidence: 0.854002285

00:18:25.650 --> 00:18:27.687 Curing some of the you know high,

NOTE Confidence: 0.854002285

00:18:27.690 --> 00:18:30.192 high aggressive you know ovarian cancer

NOTE Confidence: 0.854002285

00:18:30.192 --> 00:18:33.204 patients and I draw your attention to

NOTE Confidence: 0.854002285

00:18:33.204 --> 00:18:35.748 the five year mark overall survival.

NOTE Confidence: 0.854002285

00:18:35.750 --> 00:18:38.781 There are 73% of patients that are

NOTE Confidence: 0.854002285

00:18:38.781 --> 00:18:42.870 alive compared to those 63% percent

NOTE Confidence: 0.854002285

00:18:42.870 --> 00:18:45.887 of the patients at 5 year Mark.

NOTE Confidence: 0.854002285

00:18:45.890 --> 00:18:48.866 At 7 year Mark and there are still

NOTE Confidence: 0.854002285

00:18:48.866 --> 00:18:50.618 strong separation of the curve,

NOTE Confidence: 0.854002285

00:18:50.620 --> 00:18:53.788 67% are still alive in about

NOTE Confidence: 0.854002285

00:18:53.790 --> 00:18:55.958 46% are alive and.

NOTE Confidence: 0.854002285

00:18:55.958 --> 00:18:58.610 Just mind you that about 50%

NOTE Confidence: 0.854002285

00:18:58.610 --> 00:19:00.610 of the placebo arm across.

NOTE Confidence: 0.699883015384616

00:19:03.420 --> 00:19:05.345 Crossed over to the elaborate plan and

NOTE Confidence: 0.699883015384616

00:19:05.345 --> 00:19:07.280 which can impact the overall survival.

NOTE Confidence: 0.699883015384616

00:19:07.280 --> 00:19:09.035 So this is really impactful

NOTE Confidence: 0.699883015384616

00:19:09.035 --> 00:19:12.860 and it's changing. Next slide.

NOTE Confidence: 0.843789968666667

00:19:15.010 --> 00:19:16.945 But this is just the kind of give you

NOTE Confidence: 0.843789968666667

00:19:16.945 --> 00:19:18.710 like what's new in ovarian cancer.

NOTE Confidence: 0.843789968666667

00:19:18.710 --> 00:19:21.590 I think what we call antibody

NOTE Confidence: 0.843789968666667

00:19:21.590 --> 00:19:23.510 drug conjugate or ADC.

NOTE Confidence: 0.843789968666667

00:19:23.510 --> 00:19:25.850 This was a just recently

NOTE Confidence: 0.843789968666667

00:19:25.850 --> 00:19:28.190 approved it's against the fully

NOTE Confidence: 0.843789968666667

00:19:28.280 --> 00:19:30.788 receptor alpha Mervin tuxmath.

NOTE Confidence: 0.843789968666667

00:19:30.790 --> 00:19:32.449 So just kind of have a diagram,

NOTE Confidence: 0.843789968666667

00:19:32.450 --> 00:19:35.038 it's a little bit busy picture

NOTE Confidence: 0.843789968666667

00:19:35.038 --> 00:19:37.310 but they're so Morehead,

NOTE Confidence: 0.843789968666667

00:19:37.310 --> 00:19:40.302 it's kind of like a smart bomb as

NOTE Confidence: 0.843789968666667

00:19:40.302 --> 00:19:42.569 antibody that targets the cell

NOTE Confidence: 0.843789968666667

00:19:42.569 --> 00:19:44.959 cell surface receptor and then.

NOTE Confidence: 0.843789968666667

00:19:44.960 --> 00:19:47.192 You linked to the lot of

NOTE Confidence: 0.843789968666667

00:19:47.192 --> 00:19:49.133 phototoxic drugs what we call

NOTE Confidence: 0.843789968666667

00:19:49.133 --> 00:19:51.723 payload and the ratio can be high.

NOTE Confidence: 0.843789968666667

00:19:51.730 --> 00:19:54.335 So the it's the potencies

NOTE Confidence: 0.843789968666667

00:19:54.335 --> 00:19:55.699 are quite remarkable.

NOTE Confidence: 0.843789968666667

00:19:55.699 --> 00:19:57.613 If you were to give the

NOTE Confidence: 0.843789968666667

00:19:57.613 --> 00:19:58.920 patients those same dose,

NOTE Confidence: 0.843789968666667

00:19:58.920 --> 00:20:00.840 it can be quite lethal to their patients.

NOTE Confidence: 0.843789968666667

00:20:00.840 --> 00:20:03.115 But the the way that you designed

NOTE Confidence: 0.843789968666667

00:20:03.115 --> 00:20:05.134 the antibodies or conjugate you can

NOTE Confidence: 0.843789968666667

00:20:05.134 --> 00:20:07.409 deliver the drug in a safe manner

NOTE Confidence: 0.843789968666667

00:20:07.478 --> 00:20:09.836 and targets the cancer cell directly.

NOTE Confidence: 0.843789968666667

00:20:09.840 --> 00:20:13.312 Then the second pictured on the diagram

NOTE Confidence: 0.843789968666667

00:20:13.312 --> 00:20:16.870 is called the tumor treating field.

NOTE Confidence: 0.843789968666667

00:20:16.870 --> 00:20:19.108 This is already the technique that

NOTE Confidence: 0.843789968666667

00:20:19.108 --> 00:20:21.199 was approved for the neoplasma

NOTE Confidence: 0.843789968666667

00:20:21.199 --> 00:20:23.291 multifamily highly aggressive glioma

NOTE Confidence: 0.843789968666667

00:20:23.291 --> 00:20:25.906 and also the for mesothelioma.

NOTE Confidence: 0.843789968666667

00:20:25.910 --> 00:20:28.135 And there are ongoing studies

NOTE Confidence: 0.843789968666667

00:20:28.135 --> 00:20:30.842 phase three as to electric field

NOTE Confidence: 0.843789968666667

00:20:30.842 --> 00:20:33.425 that pulses through the skin and

NOTE Confidence: 0.843789968666667

00:20:33.425 --> 00:20:35.861 interrupts the cancer cell that's

NOTE Confidence: 0.843789968666667

00:20:35.861 --> 00:20:39.266 impacting the ability to divide.

NOTE Confidence: 0.843789968666667

00:20:39.270 --> 00:20:44.462 Next. Slides at least two. Join us.

NOTE Confidence: 0.843789968666667

00:20:44.462 --> 00:20:46.829 Stop. Regarding genetic testing.

NOTE Confidence: 0.8697140975

00:20:47.500 --> 00:20:48.528 Yeah. So the question

NOTE Confidence: 0.896600035

00:20:48.540 --> 00:20:50.220 is for this first patient is,

NOTE Confidence: 0.896600035

00:20:50.220 --> 00:20:52.404 was there could, could there have been

NOTE Confidence: 0.896600035

00:20:52.404 --> 00:20:54.728 some kind of early detection or prevention

NOTE Confidence: 0.896600035

00:20:54.728 --> 00:20:57.629 of her cancer based on on her history.

NOTE Confidence: 0.896600035

00:20:57.630 --> 00:20:59.382 And I think in the primary care setting

NOTE Confidence: 0.896600035

00:20:59.382 --> 00:21:00.897 that's really important to think about.

NOTE Confidence: 0.896600035

00:21:00.900 --> 00:21:03.720 She did have a family history,

NOTE Confidence: 0.896600035

00:21:03.720 --> 00:21:05.240 not a first degree relative.

NOTE Confidence: 0.896600035

00:21:05.240 --> 00:21:07.193 She had a cousin with cancer and

NOTE Confidence: 0.896600035

00:21:07.193 --> 00:21:09.491 an I believe an uncle with cancer

NOTE Confidence: 0.896600035

00:21:09.491 --> 00:21:11.579 and we think about genetic testing.

NOTE Confidence: 0.896600035

00:21:11.580 --> 00:21:13.337 There's a couple of things I wanted

NOTE Confidence: 0.896600035

00:21:13.337 --> 00:21:15.789 to point out about some of the recent

NOTE Confidence: 0.896600035

00:21:15.789 --> 00:21:17.434 guideline updates for cancer genetics.

NOTE Confidence: 0.896600035

00:21:17.440 --> 00:21:19.659 Um, the first is really important in

NOTE Confidence: 0.896600035

00:21:19.659 --> 00:21:22.233 the primary Care World is that the

NOTE Confidence: 0.896600035

00:21:22.233 --> 00:21:24.178 preventative Services Task Force does

NOTE Confidence: 0.896600035

00:21:24.178 --> 00:21:26.045 recommend that clinicians at least

NOTE Confidence: 0.896600035

00:21:26.045 --> 00:21:29.324 assess women with a family history of breast,

NOTE Confidence: 0.896600035

00:21:29.324 --> 00:21:32.209 ovarian, tubal or peritoneal cancer,

NOTE Confidence: 0.896600035

00:21:32.210 --> 00:21:33.918 or who have an ancestry associated

NOTE Confidence: 0.896600035

00:21:33.918 --> 00:21:35.086 with the BRACA mutation.

NOTE Confidence: 0.896600035

00:21:35.090 --> 00:21:37.624 So this is specifically for BRCA one

NOTE Confidence: 0.896600035

00:21:37.624 --> 00:21:40.218 and two thinking about family history.

NOTE Confidence: 0.896600035

00:21:40.220 --> 00:21:43.300 Of ovarian cancer, which she did not have.

NOTE Confidence: 0.896600035

00:21:43.300 --> 00:21:45.076 But in the primary care setting,

NOTE Confidence: 0.896600035

00:21:45.080 --> 00:21:47.131 it's important to take a good family

NOTE Confidence: 0.896600035

00:21:47.131 --> 00:21:48.914 history at your annual physicals

NOTE Confidence: 0.896600035

00:21:48.914 --> 00:21:49.760 and identify.

NOTE Confidence: 0.610986556

00:21:52.410 --> 00:21:55.410 Benefit from a genetics consultation.

NOTE Confidence: 0.610986556

00:21:55.410 --> 00:21:57.115 First degree relatives with of

NOTE Confidence: 0.610986556

00:21:57.115 --> 00:21:58.820 a patient with ovarian cancer.

NOTE Confidence: 0.610986556

00:21:58.820 --> 00:22:00.776 First degree relatives of a patient

NOTE Confidence: 0.610986556

00:22:00.776 --> 00:22:02.080 with pancreatic cancer should

NOTE Confidence: 0.610986556

00:22:02.139 --> 00:22:04.049 certainly qualify for genetic testing.

NOTE Confidence: 0.610986556

00:22:04.050 --> 00:22:05.706 Or of course if there are multiple family,

NOTE Confidence: 0.610986556

00:22:05.710 --> 00:22:08.206 multiple family members with various cancers,

NOTE Confidence: 0.610986556

00:22:08.210 --> 00:22:09.394 or somebody, for example,

NOTE Confidence: 0.610986556

00:22:09.394 --> 00:22:11.504 who's had a bilateral breast cancer or

NOTE Confidence: 0.610986556

00:22:11.504 --> 00:22:13.208 multiple cancers in one family member.

NOTE Confidence: 0.88123441

00:22:14.190 --> 00:22:15.358 So in this patient

NOTE Confidence: 0.88087707

00:22:15.430 --> 00:22:18.006 it may have been interesting to ask,

NOTE Confidence: 0.88087707

00:22:18.010 --> 00:22:19.810 you know had had your uncle

NOTE Confidence: 0.88087707

00:22:19.810 --> 00:22:21.010 had any genetic testing,

NOTE Confidence: 0.88087707

00:22:21.010 --> 00:22:22.948 had your cousin had any genetic

NOTE Confidence: 0.88087707

00:22:22.948 --> 00:22:24.736 testing because that may inform

NOTE Confidence: 0.88087707

00:22:24.736 --> 00:22:26.488 this patient's genetic testing.

NOTE Confidence: 0.88087707

00:22:26.490 --> 00:22:28.824 Unfortunately for people who are referred

NOTE Confidence: 0.88087707

00:22:28.824 --> 00:22:31.154 for genetic counseling and testing without

NOTE Confidence: 0.88087707

00:22:31.154 --> 00:22:33.646 a cancer diagnosis but a family history,

NOTE Confidence: 0.88087707

00:22:33.650 --> 00:22:36.540 the wait time is a few months to have genetic

NOTE Confidence: 0.88087707

00:22:36.610 --> 00:22:38.990 consultation and and genetic testing.

NOTE Confidence: 0.88087707

00:22:38.990 --> 00:22:41.524 But in this case because our patient

NOTE Confidence: 0.88087707

00:22:41.524 --> 00:22:44.050 is now diagnosed with ovarian cancer.

NOTE Confidence: 0.88087707

00:22:44.050 --> 00:22:46.500 And it may inform her treatment options,

NOTE Confidence: 0.88087707

00:22:46.500 --> 00:22:48.040 including PARP inhibitor therapy.

NOTE Confidence: 0.88087707

00:22:48.040 --> 00:22:50.846 She is of course, expedited and has

NOTE Confidence: 0.88087707

00:22:50.846 --> 00:22:53.378 an urgent genetics referral for her.

NOTE Confidence: 0.88087707

00:22:53.380 --> 00:22:57.356 Umm, BRC 2 testing, which came back positive.

NOTE Confidence: 0.88087707

00:22:57.360 --> 00:23:00.976 I'm a firm believer in genetic counseling.

NOTE Confidence: 0.88087707

00:23:00.976 --> 00:23:03.352 You know, there are people who

NOTE Confidence: 0.88087707

00:23:03.352 --> 00:23:04.742 feel informed enough to order

NOTE Confidence: 0.88087707

00:23:04.742 --> 00:23:06.179 genetic tests in the community.

NOTE Confidence: 0.88087707

00:23:06.180 --> 00:23:07.712 Gynecologists are well informed

NOTE Confidence: 0.88087707

00:23:07.712 --> 00:23:10.967 to do that based on their level of

NOTE Confidence: 0.88087707

00:23:10.967 --> 00:23:13.203 experience with genetics up at UConn.

NOTE Confidence: 0.88087707

00:23:13.203 --> 00:23:14.708 There are some really nice.

NOTE Confidence: 0.88087707

00:23:14.710 --> 00:23:17.461 Um, educational programs to kind of educate

NOTE Confidence: 0.88087707

00:23:17.461 --> 00:23:20.686 you on how to to do genetic screening.

NOTE Confidence: 0.88087707

00:23:20.690 --> 00:23:23.133 But really the most important thing is

NOTE Confidence: 0.88087707

00:23:23.133 --> 00:23:25.683 that patients need to have pre test

NOTE Confidence: 0.88087707

00:23:25.683 --> 00:23:27.483 counseling and post test counseling.

NOTE Confidence: 0.88087707

00:23:27.490 --> 00:23:29.099 And the pre test counseling really

NOTE Confidence: 0.88087707

00:23:29.099 --> 00:23:30.702 needs to be thorough enough to be

NOTE Confidence: 0.88087707

00:23:30.702 --> 00:23:32.507 able to take a good family history,

NOTE Confidence: 0.88087707

00:23:32.510 --> 00:23:34.400 know which test to order,

NOTE Confidence: 0.88087707

00:23:34.400 --> 00:23:36.500 determine if there should be panel

NOTE Confidence: 0.88087707

00:23:36.500 --> 00:23:38.470 testing which company to order from,

NOTE Confidence: 0.88087707

00:23:38.470 --> 00:23:40.534 and then making sure the patient

NOTE Confidence: 0.88087707

00:23:40.534 --> 00:23:42.323 understands the possible outcomes and

NOTE Confidence: 0.88087707

00:23:42.323 --> 00:23:44.465 possible consequences of their test results.

NOTE Confidence: 0.88087707

00:23:44.470 --> 00:23:45.014 So again.

NOTE Confidence: 0.88087707

00:23:45.014 --> 00:23:45.830 And you know,

NOTE Confidence: 0.88087707

00:23:45.830 --> 00:23:48.238 there is a high demand for our

NOTE Confidence: 0.88087707

00:23:48.238 --> 00:23:49.270 genetic counselor colleagues,

NOTE Confidence: 0.88087707

00:23:49.270 --> 00:23:51.376 but I do rely on them a lot to

NOTE Confidence: 0.88087707

00:23:51.376 --> 00:23:53.802 help me with patients when I'm

NOTE Confidence: 0.88087707

00:23:53.802 --> 00:23:55.498 thinking about genetic testing.

NOTE Confidence: 0.88087707

00:23:55.500 --> 00:23:58.258 And my last few updates before we

NOTE Confidence: 0.88087707

00:23:58.258 --> 00:24:01.639 move on is that there is a very new

NOTE Confidence: 0.88087707

00:24:01.640 --> 00:24:04.380 guideline updates from the National

NOTE Confidence: 0.88087707

00:24:04.380 --> 00:24:06.572 Cancer Comprehensive Network that

NOTE Confidence: 0.88087707

00:24:06.572 --> 00:24:09.946 we no longer formally or the NCCN

NOTE Confidence: 0.88087707

00:24:09.946 --> 00:24:11.774 no longer formally recommends

NOTE Confidence: 0.88087707

00:24:11.853 --> 00:24:14.403 ovarian cancer surveillance even in

NOTE Confidence: 0.88087707

00:24:14.403 --> 00:24:16.953 our very high risk populations,

NOTE Confidence: 0.88087707

00:24:16.960 --> 00:24:19.914 the BRC A1 and B RC2 carriers.

NOTE Confidence: 0.88087707

00:24:19.920 --> 00:24:21.160 You know for many,

NOTE Confidence: 0.88087707

00:24:21.160 --> 00:24:22.710 many years we've done transvaginal

NOTE Confidence: 0.88087707

00:24:22.710 --> 00:24:26.882 ultrasounds routinely, we've done CA 125.

NOTE Confidence: 0.88087707

00:24:26.882 --> 00:24:28.548 Routinely and.

NOTE Confidence: 0.88087707

00:24:28.550 --> 00:24:30.320 This is the first year that the NCCN

NOTE Confidence: 0.88087707

00:24:30.320 --> 00:24:34.140 has removed that from the guidelines.

NOTE Confidence: 0.88087707

00:24:34.140 --> 00:24:34.910 Apologizing.

NOTE Confidence: 0.849866162

00:24:37.090 --> 00:24:38.550 And last but not least,

NOTE Confidence: 0.849866162

00:24:38.550 --> 00:24:40.342 the most important thing I want to

NOTE Confidence: 0.849866162

00:24:40.342 --> 00:24:42.659 share with you as well is knowing the

NOTE Confidence: 0.849866162

00:24:42.659 --> 00:24:44.149 terminology for cancer genetics in

NOTE Confidence: 0.849866162

00:24:44.206 --> 00:24:45.838 regards to mutation no longer being

NOTE Confidence: 0.849866162

00:24:45.838 --> 00:24:48.475 as as often used as a term that we

NOTE Confidence: 0.849866162

00:24:48.475 --> 00:24:50.670 use BRACA mutation we use variant.

NOTE Confidence: 0.849866162

00:24:50.670 --> 00:24:52.910 So there are there's a spectrum now,

NOTE Confidence: 0.849866162

00:24:52.910 --> 00:24:55.798 pathogenic variant meaning cancer

NOTE Confidence: 0.849866162

00:24:55.798 --> 00:24:59.204 causing likely pathogenic benign or

NOTE Confidence: 0.849866162

00:24:59.204 --> 00:25:02.289 likely benign variants meaning the.

NOTE Confidence: 0.849866162

00:25:02.290 --> 00:25:04.540 The gene is altered but not

NOTE Confidence: 0.849866162

00:25:04.540 --> 00:25:06.507 necessarily cancer causing and then

NOTE Confidence: 0.849866162

00:25:06.507 --> 00:25:09.314 this Gray area called a variant of

NOTE Confidence: 0.849866162

00:25:09.314 --> 00:25:11.320 uncertain significance that we do

NOTE Confidence: 0.849866162

00:25:11.320 --> 00:25:13.220 not necessarily clinically act upon.

NOTE Confidence: 0.849866162

00:25:13.220 --> 00:25:15.092 So if you have a patient who has

NOTE Confidence: 0.849866162

00:25:15.092 --> 00:25:17.297 a VUS or a variant of uncertain

NOTE Confidence: 0.849866162

00:25:17.297 --> 00:25:18.637 significance in a gene,

NOTE Confidence: 0.849866162

00:25:18.640 --> 00:25:21.055 it does not necessarily mean that he

NOTE Confidence: 0.849866162

00:25:21.055 --> 00:25:23.833 or she needs to have any prevention

NOTE Confidence: 0.849866162

00:25:23.833 --> 00:25:26.329 surgery or any surveillance for that

NOTE Confidence: 0.849866162

00:25:26.404 --> 00:25:29.580 specific type of cancer related to that gene.

NOTE Confidence: 0.849866162

00:25:29.580 --> 00:25:31.140 So I hope that helps.

NOTE Confidence: 0.849866162

00:25:31.140 --> 00:25:33.714 This is my last slide before we move on.

NOTE Confidence: 0.849866162

00:25:33.720 --> 00:25:35.382 Very important brand new in the

NOTE Confidence: 0.849866162

00:25:35.382 --> 00:25:36.213 New York Times.

NOTE Confidence: 0.849866162

00:25:36.220 --> 00:25:38.383 It was a joint statement from the

NOTE Confidence: 0.849866162

00:25:38.383 --> 00:25:40.691 Society of GYN Oncology and the

NOTE Confidence: 0.849866162

00:25:40.691 --> 00:25:42.443 National Ovarian Cancer Research

NOTE Confidence: 0.849866162

00:25:42.443 --> 00:25:44.559 Alliance just came out earlier

NOTE Confidence: 0.849866162

00:25:44.559 --> 00:25:46.399 this week saying that again,

NOTE Confidence: 0.849866162

00:25:46.400 --> 00:25:48.660 we don't have great surveillance

NOTE Confidence: 0.849866162

00:25:48.660 --> 00:25:50.016 for ovarian cancer.

NOTE Confidence: 0.849866162

00:25:50.020 --> 00:25:52.172 And if there is a genetic risk or

NOTE Confidence: 0.849866162

00:25:52.172 --> 00:25:54.296 even in women without a genetic

NOTE Confidence: 0.849866162

00:25:54.296 --> 00:25:56.196 risk and there's an opportunity

NOTE Confidence: 0.849866162

00:25:56.196 --> 00:25:58.420 to remove the fallopian tubes,

NOTE Confidence: 0.849866162

00:25:58.420 --> 00:26:00.020 that should certainly be considered.

NOTE Confidence: 0.849866162

00:26:00.020 --> 00:26:02.630 With any other surgical procedure

NOTE Confidence: 0.849866162

00:26:02.630 --> 00:26:04.130 under certain circumstances to

NOTE Confidence: 0.849866162

00:26:04.130 --> 00:26:06.005 prevent these high grade serious

NOTE Confidence: 0.849866162

00:26:06.005 --> 00:26:07.660 ovarian cancers that we believe

NOTE Confidence: 0.849866162

00:26:07.660 --> 00:26:09.496 may be starting originating in the

NOTE Confidence: 0.849866162

00:26:09.554 --> 00:26:11.507 fallopian tubes so hot off the press.

NOTE Confidence: 0.83424987

00:26:16.650 --> 00:26:19.200 Let's start our second case.

NOTE Confidence: 0.83424987

00:26:19.200 --> 00:26:22.392 Our second patient is a 65 year old gravity

NOTE Confidence: 0.83424987

00:26:22.392 --> 00:26:24.207 zero gravity 0 should postmenopausal

NOTE Confidence: 0.83424987

00:26:24.207 --> 00:26:26.446 female referred to gynecology by her

NOTE Confidence: 0.83424987

00:26:26.446 --> 00:26:28.840 primary care provider for vaginal spotting.

NOTE Confidence: 0.83424987

00:26:28.840 --> 00:26:30.475 She reports spotting on and

NOTE Confidence: 0.83424987

00:26:30.475 --> 00:26:32.590 off for the past two weeks.

NOTE Confidence: 0.83424987

00:26:32.590 --> 00:26:34.606 This patient came from primary care,

NOTE Confidence: 0.83424987

00:26:34.610 --> 00:26:36.626 but we also see this patient

NOTE Confidence: 0.83424987

00:26:36.626 --> 00:26:38.370 from urgent or walking care.

NOTE Confidence: 0.83424987

00:26:38.370 --> 00:26:40.882 Often seeing if you can't see your primary

NOTE Confidence: 0.83424987

00:26:40.882 --> 00:26:43.269 care or or from the emergency room.

NOTE Confidence: 0.83424987

00:26:43.270 --> 00:26:45.310 Past medical history is significant.

NOTE Confidence: 0.83424987

00:26:45.310 --> 00:26:47.810 She is suffers from obesity,

NOTE Confidence: 0.83424987

00:26:47.810 --> 00:26:49.790 type 2 diabetes and hypertension.

NOTE Confidence: 0.83424987

00:26:49.790 --> 00:26:52.274 She takes 2 medications for her

NOTE Confidence: 0.83424987

00:26:52.274 --> 00:26:54.302 hypertension as well as metformin.

NOTE Confidence: 0.83424987

00:26:54.302 --> 00:26:55.914 Her BMI is 40,

NOTE Confidence: 0.83424987

00:26:55.920 --> 00:26:58.490 so now Class 3 obesity.

NOTE Confidence: 0.83424987

00:26:58.490 --> 00:27:01.340 Her last period was at age 53 and she did

NOTE Confidence: 0.83424987

00:27:01.416 --> 00:27:04.545 not take any hormone therapy after menopause.

NOTE Confidence: 0.83424987

00:27:04.550 --> 00:27:06.555 Family history notable for diabetes

NOTE Confidence: 0.83424987

00:27:06.555 --> 00:27:08.159 and multiple family members,

NOTE Confidence: 0.83424987

00:27:08.160 --> 00:27:10.904 and coronary artery disease and her father.

NOTE Confidence: 0.83424987

00:27:10.910 --> 00:27:13.129 On exam, she is in fact obese.

NOTE Confidence: 0.83424987

00:27:13.130 --> 00:27:14.950 GYN exam is limited by her body.

NOTE Confidence: 0.83424987

00:27:14.950 --> 00:27:16.800 Habitus Speculum exam reveals dark

NOTE Confidence: 0.83424987

00:27:16.800 --> 00:27:18.650 menstrual appearing blood in the

NOTE Confidence: 0.83424987

00:27:18.710 --> 00:27:20.432 vaginal vault and the uterus and

NOTE Confidence: 0.83424987

00:27:20.432 --> 00:27:22.469 adnexa are not able to be palpated.

NOTE Confidence: 0.881055483333333

00:27:25.550 --> 00:27:27.878 So kind of following the algorithm

NOTE Confidence: 0.881055483333333

00:27:27.878 --> 00:27:29.042 of postmenopausal bleeding,

NOTE Confidence: 0.881055483333333

00:27:29.050 --> 00:27:31.108 stop the bleeding, make a diagnosis,

NOTE Confidence: 0.881055483333333

00:27:31.110 --> 00:27:33.126 and then make treatment

NOTE Confidence: 0.881055483333333

00:27:33.126 --> 00:27:34.596 options with this patient.

NOTE Confidence: 0.881055483333333

00:27:34.596 --> 00:27:37.294 I thought the bleeding was a little too

NOTE Confidence: 0.881055483333333

00:27:37.294 --> 00:27:39.544 brisk to attempt the endometrial biopsy.

NOTE Confidence: 0.881055483333333

00:27:39.550 --> 00:27:41.530 Danger is put the patient through

NOTE Confidence: 0.881055483333333

00:27:41.530 --> 00:27:43.789 the biopsy but only receive blood.

NOTE Confidence: 0.881055483333333

00:27:43.790 --> 00:27:46.334 Umm, and and sometimes a little

NOTE Confidence: 0.881055483333333

00:27:46.334 --> 00:27:48.030 uncomfortable biopsying the uterus.

NOTE Confidence: 0.881055483333333

00:27:48.030 --> 00:27:50.550 I can't palpate or see that well,

NOTE Confidence: 0.881055483333333

00:27:50.550 --> 00:27:54.176 so I elected to start Provera 10 milligrams

NOTE Confidence: 0.881055483333333

00:27:54.176 --> 00:27:57.086 daily and order transvaginal ultrasound.

NOTE Confidence: 0.881055483333333

00:27:57.090 --> 00:27:59.340 The ultrasound revealed the 60

NOTE Confidence: 0.881055483333333

00:27:59.340 --> 00:28:00.690 millimeter heterogeneous endometrium,

NOTE Confidence: 0.881055483333333

00:28:00.690 --> 00:28:01.881 which is abnormal.

NOTE Confidence: 0.881055483333333

00:28:01.881 --> 00:28:03.866 Uterine length is 10 centimeters,

NOTE Confidence: 0.881055483333333

00:28:03.870 --> 00:28:07.510 which is generous and no

NOTE Confidence: 0.881055483333333

00:28:07.510 --> 00:28:08.966 myometrial abnormality.

NOTE Confidence: 0.881055483333333

00:28:08.970 --> 00:28:11.076 I then performed an endometrial biopsy

NOTE Confidence: 0.881055483333333

00:28:11.076 --> 00:28:14.594 in the office and it was returned as

NOTE Confidence: 0.881055483333333

00:28:14.594 --> 00:28:16.127 endometrial intraepithelial neoplasia.

NOTE Confidence: 0.881055483333333

00:28:16.130 --> 00:28:19.340 That's somewhat the new technology

NOTE Confidence: 0.881055483333333

00:28:19.340 --> 00:28:22.550 for complex hyperplasia with atypia.

NOTE Confidence: 0.881055483333333

00:28:22.550 --> 00:28:23.166 That diagnosis,

NOTE Confidence: 0.881055483333333

00:28:23.166 --> 00:28:23.782 I thought,

NOTE Confidence: 0.881055483333333

00:28:23.782 --> 00:28:25.014 should see Joanne Oncology.

NOTE Confidence: 0.843432095

00:28:28.660 --> 00:28:31.476 Thanks Jeff. And yes, we did have the,

NOTE Confidence: 0.843432095

00:28:31.480 --> 00:28:33.872 the chance to see this lady and what

NOTE Confidence: 0.843432095

00:28:33.872 --> 00:28:36.444 we spoke with her about is is sort

NOTE Confidence: 0.843432095

00:28:36.444 --> 00:28:38.130 of left untreated this condition

NOTE Confidence: 0.843432095

00:28:38.130 --> 00:28:40.158 can progress into a cancer in

NOTE Confidence: 0.843432095

00:28:40.158 --> 00:28:42.630 about 40 to 50% of women that some

NOTE Confidence: 0.843432095

00:28:42.630 --> 00:28:45.122 of the data from the older term

NOTE Confidence: 0.843432095

00:28:45.122 --> 00:28:47.058 of complex atypical hyperplasia.

NOTE Confidence: 0.843432095

00:28:47.060 --> 00:28:48.914 And so there are a lot of you know

NOTE Confidence: 0.843432095

00:28:48.914 --> 00:28:50.065 different options for treatment

NOTE Confidence: 0.843432095

00:28:50.065 --> 00:28:52.200 depending on the patient's age,

NOTE Confidence: 0.843432095

00:28:52.200 --> 00:28:55.017 they're surgical risk factors and

NOTE Confidence: 0.843432095

00:28:55.017 --> 00:28:58.050 and what it is that they like to do.

NOTE Confidence: 0.843432095

00:28:58.050 --> 00:28:59.695 Just to sort of trail off from

NOTE Confidence: 0.843432095

00:28:59.695 --> 00:29:00.910 this patient for a second,

NOTE Confidence: 0.843432095

00:29:00.910 --> 00:29:02.926 let's say this woman was young.

NOTE Confidence: 0.843432095

00:29:02.930 --> 00:29:04.754 Maybe she was in her early 30s and

NOTE Confidence: 0.843432095

00:29:04.754 --> 00:29:06.676 she had not had an opportunity to

NOTE Confidence: 0.843432095

00:29:06.676 --> 00:29:08.440 have children and that was part

NOTE Confidence: 0.843432095

00:29:08.440 --> 00:29:10.204 of her family planning long term.

NOTE Confidence: 0.843432095

00:29:10.210 --> 00:29:12.429 We do actually now have some exciting

NOTE Confidence: 0.843432095

00:29:12.429 --> 00:29:15.108 data to show that using things like

NOTE Confidence: 0.843432095

00:29:15.108 --> 00:29:17.120 the progestin releasing IUD's that

NOTE Confidence: 0.843432095

00:29:17.120 --> 00:29:19.400 we know very well from contraception

NOTE Confidence: 0.843432095

00:29:19.400 --> 00:29:21.719 can actually cause this to regress in

NOTE Confidence: 0.843432095

00:29:21.719 --> 00:29:24.197 about 80 to even maybe 90% of women.

NOTE Confidence: 0.843432095

00:29:24.197 --> 00:29:26.171 The downside is there that that's

NOTE Confidence: 0.843432095

00:29:26.171 --> 00:29:27.988 not a definitive approach.

NOTE Confidence: 0.843432095

00:29:27.990 --> 00:29:30.153 Um, and if the underlying risk factor

NOTE Confidence: 0.843432095

00:29:30.153 --> 00:29:31.914 so the diabetes, the hypertension,

NOTE Confidence: 0.843432095

00:29:31.914 --> 00:29:34.416 the morbid obesity haven't been corrected,

NOTE Confidence: 0.843432095

00:29:34.420 --> 00:29:37.480 that patient is likely to.

NOTE Confidence: 0.843432095

00:29:37.480 --> 00:29:39.820 Rebound into a refractory hyperplasia at

NOTE Confidence: 0.843432095

00:29:39.820 --> 00:29:43.069 some point if and when the IUD is removed.

NOTE Confidence: 0.843432095

00:29:43.070 --> 00:29:45.266 The other population that we consider

NOTE Confidence: 0.843432095

00:29:45.266 --> 00:29:47.798 using either the IUD or an oral

NOTE Confidence: 0.843432095

00:29:47.798 --> 00:29:49.468 progestin in a long-term fashion

NOTE Confidence: 0.843432095

00:29:49.468 --> 00:29:52.174 are those women who we meet who have

NOTE Confidence: 0.843432095

00:29:52.174 --> 00:29:54.244 really high surgical risk factors sort

NOTE Confidence: 0.843432095

00:29:54.244 --> 00:29:56.506 of inherent in this population with

NOTE Confidence: 0.843432095

00:29:56.506 --> 00:29:58.630 the the diabetes, the hypertension,

NOTE Confidence: 0.843432095

00:29:58.630 --> 00:29:59.320 the obesity,

NOTE Confidence: 0.843432095

00:29:59.320 --> 00:30:01.708 some of the cardiac disease that really

NOTE Confidence: 0.843432095

00:30:01.708 --> 00:30:04.021 put patients at risk of going to the OR.

NOTE Confidence: 0.843432095

00:30:04.030 --> 00:30:06.648 Sometimes we will choose to do a

NOTE Confidence: 0.843432095

00:30:06.648 --> 00:30:08.629 non-surgical approach in those women.

NOTE Confidence: 0.843432095

00:30:08.630 --> 00:30:08.975 However,

NOTE Confidence: 0.843432095

00:30:08.975 --> 00:30:11.045 in this lady we sat down,

NOTE Confidence: 0.843432095

00:30:11.050 --> 00:30:13.370 she was seen by her primary care provider.

NOTE Confidence: 0.843432095

00:30:13.370 --> 00:30:15.575 Who helped with risk stratification

NOTE Confidence: 0.843432095

00:30:15.575 --> 00:30:17.780 and optimization for her comorbidities

NOTE Confidence: 0.843432095

00:30:17.848 --> 00:30:19.850 before going to the OR and we

NOTE Confidence: 0.843432095

00:30:19.850 --> 00:30:21.647 considered her and butcher for

NOTE Confidence: 0.843432095

00:30:21.647 --> 00:30:23.395 a robotic assisted hysterectomy,

NOTE Confidence: 0.843432095

00:30:23.400 --> 00:30:25.275 removal of both tubes and

NOTE Confidence: 0.843432095

00:30:25.275 --> 00:30:26.775 ovaries and frozen section.

NOTE Confidence: 0.843432095

00:30:26.780 --> 00:30:27.640 You know you might ask,

NOTE Confidence: 0.843432095

00:30:27.640 --> 00:30:29.158 you know Doctor Joseph has taken

NOTE Confidence: 0.843432095

00:30:29.158 --> 00:30:30.781 the time to do an endometrial

NOTE Confidence: 0.843432095

00:30:30.781 --> 00:30:32.706 biopsy and we we have a diagnosis

NOTE Confidence: 0.843432095

00:30:32.706 --> 00:30:34.280 of a precancerous process.

NOTE Confidence: 0.843432095

00:30:34.280 --> 00:30:35.827 But if you look at some of

NOTE Confidence: 0.843432095

00:30:35.827 --> 00:30:36.490 the historical data,

NOTE Confidence: 0.843432095

00:30:36.490 --> 00:30:39.542 the risk of there being a concurrent

NOTE Confidence: 0.843432095

00:30:39.542 --> 00:30:41.185 already invasive endometrial cancer

NOTE Confidence: 0.843432095

00:30:41.185 --> 00:30:43.597 can be as high as about 40 to 45.

NOTE Confidence: 0.843432095

00:30:43.600 --> 00:30:43.943 Percent.

NOTE Confidence: 0.843432095

00:30:43.943 --> 00:30:46.344 And so because of that risk and

NOTE Confidence: 0.843432095

00:30:46.344 --> 00:30:48.459 the potential of a sampling error

NOTE Confidence: 0.843432095

00:30:48.459 --> 00:30:50.154 with an office based biopsy,

NOTE Confidence: 0.843432095

00:30:50.160 --> 00:30:52.440 we do recommend that women have

NOTE Confidence: 0.843432095

00:30:52.440 --> 00:30:54.781 a frozen section of the uterus

NOTE Confidence: 0.843432095

00:30:54.781 --> 00:30:57.013 at the time of the procedure.

NOTE Confidence: 0.843432095

00:30:57.020 --> 00:30:58.832 If that does relevant cancer then

NOTE Confidence: 0.843432095

00:30:58.832 --> 00:31:00.925 we do proceed with the appropriate

NOTE Confidence: 0.843432095

00:31:00.925 --> 00:31:02.985 staging which typically involves some

NOTE Confidence: 0.843432095

00:31:02.985 --> 00:31:05.390 assessment of the pelvic lymph nodes.

NOTE Confidence: 0.843432095

00:31:05.390 --> 00:31:08.757 And so we plan for this patient.

NOTE Confidence: 0.843432095

00:31:08.760 --> 00:31:11.259 The standard of care for these surgeries

NOTE Confidence: 0.843432095

00:31:11.259 --> 00:31:13.846 really is now moving on with an MRI.

NOTE Confidence: 0.843432095

00:31:13.850 --> 00:31:14.690 Approach or laparoscopic,

NOTE Confidence: 0.843432095

00:31:14.690 --> 00:31:16.650 you may have some patients who ask,

NOTE Confidence: 0.843432095

00:31:16.650 --> 00:31:17.975 you know they've read the

NOTE Confidence: 0.843432095

00:31:17.975 --> 00:31:19.300 New York Times that robotic

NOTE Confidence: 0.7954858143

00:31:19.359 --> 00:31:21.375 surgery is associated with worse outcomes

NOTE Confidence: 0.7954858143

00:31:21.375 --> 00:31:23.751 that's in cervical cancer and we are very

NOTE Confidence: 0.7954858143

00:31:23.751 --> 00:31:25.631 interested to see where that that goes.

NOTE Confidence: 0.7954858143

00:31:25.631 --> 00:31:27.636 But for endometrial processes really

NOTE Confidence: 0.7954858143

00:31:27.636 --> 00:31:30.092 the standard of care has been a

NOTE Confidence: 0.7954858143

00:31:30.092 --> 00:31:31.919 MIS and and we continue to see

NOTE Confidence: 0.7954858143

00:31:31.987 --> 00:31:34.087 good outcomes with that approach.

NOTE Confidence: 0.7954858143

00:31:34.090 --> 00:31:37.082 So this city was found to have an

NOTE Confidence: 0.7954858143

00:31:37.082 --> 00:31:39.938 early stage SO1A Grade 2 endometrioid

NOTE Confidence: 0.7954858143

00:31:39.938 --> 00:31:41.519 endometrial adenocarcinoma and

NOTE Confidence: 0.7954858143

00:31:41.519 --> 00:31:44.330 this is probably one of the more.

NOTE Confidence: 0.7954858143

00:31:44.330 --> 00:31:46.345 Common, you know final pathology

NOTE Confidence: 0.7954858143

00:31:46.345 --> 00:31:49.564 that we see what we do for all of

NOTE Confidence: 0.7954858143

00:31:49.564 --> 00:31:51.389 our endometrial cancer patients is

NOTE Confidence: 0.7954858143

00:31:51.389 --> 00:31:53.891 we screen them for mismatch repair

NOTE Confidence: 0.7954858143

00:31:53.891 --> 00:31:55.900 deficiency or microsatellite instability

NOTE Confidence: 0.7954858143

00:31:55.900 --> 00:31:58.912 through both the combination of the

NOTE Confidence: 0.7954858143

00:31:58.912 --> 00:32:00.920 immunohistochemistry and the PCR.

NOTE Confidence: 0.7954858143

00:32:00.920 --> 00:32:02.744 And that is both just screened

NOTE Confidence: 0.7954858143

00:32:02.744 --> 00:32:03.656 for Lynch syndrome,

NOTE Confidence: 0.7954858143

00:32:03.660 --> 00:32:05.830 but also to look for inherent somatic

NOTE Confidence: 0.7954858143

00:32:05.830 --> 00:32:08.543 changes in the tumor that may not be related

NOTE Confidence: 0.7954858143

00:32:08.543 --> 00:32:10.830 to anything in the family or the DNA.

NOTE Confidence: 0.7954858143

00:32:10.830 --> 00:32:12.593 And I have to say this is one of the most

NOTE Confidence: 0.7954858143

00:32:12.593 --> 00:32:14.369 common questions I hear from women is they.

NOTE Confidence: 0.7954858143

00:32:14.370 --> 00:32:15.708 They get a cancer diagnosis and

NOTE Confidence: 0.7954858143

00:32:15.708 --> 00:32:16.827 the first thing they're saying

NOTE Confidence: 0.7954858143

00:32:16.827 --> 00:32:18.136 is what do I tell my daughter?

NOTE Confidence: 0.7954858143

00:32:18.140 --> 00:32:20.138 If you know, what do I tell my sisters?

NOTE Confidence: 0.7954858143

00:32:20.140 --> 00:32:21.898 How can I inform my family

NOTE Confidence: 0.7954858143

00:32:21.898 --> 00:32:23.819 on on their risk of cancer.

NOTE Confidence: 0.7954858143

00:32:23.820 --> 00:32:25.950 This patients results did show

NOTE Confidence: 0.7954858143

00:32:25.950 --> 00:32:28.800 loss of staining in the MLH one.

NOTE Confidence: 0.7954858143

00:32:28.800 --> 00:32:31.327 However that reflexes a test to look

NOTE Confidence: 0.7954858143

00:32:31.327 --> 00:32:33.406 for an epigenetic phenomenon called

NOTE Confidence: 0.7954858143

00:32:33.406 --> 00:32:35.716 hypermethylation in the promoter region

NOTE Confidence: 0.7954858143

00:32:35.716 --> 00:32:38.909 and that is not when that is positive.

NOTE Confidence: 0.7954858143

00:32:38.910 --> 00:32:40.218 That's not indicative typically

NOTE Confidence: 0.7954858143

00:32:40.218 --> 00:32:42.180 of a lynch syndrome and therefore

NOTE Confidence: 0.7954858143

00:32:42.231 --> 00:32:43.936 those patients don't often or

NOTE Confidence: 0.7954858143

00:32:43.936 --> 00:32:45.300 don't necessarily meet outward.

NOTE Confidence: 0.7954858143

00:32:45.300 --> 00:32:47.358 Criteria to go on to meet with

NOTE Confidence: 0.7954858143

00:32:47.358 --> 00:32:49.188 genetics just based on that result.

NOTE Confidence: 0.7954858143

00:32:49.190 --> 00:32:49.555 However,

NOTE Confidence: 0.7954858143

00:32:49.555 --> 00:32:52.110 they would then qualify down the road

NOTE Confidence: 0.7954858143

00:32:52.110 --> 00:32:54.356 for any treatments or medications

NOTE Confidence: 0.7954858143

00:32:54.356 --> 00:32:56.756 like immunotherapy that have shown

NOTE Confidence: 0.7954858143

00:32:56.756 --> 00:32:59.689 promise in in this subgroup of of women

NOTE Confidence: 0.7954858143

00:32:59.690 --> 00:33:02.112 because of the final results of her

NOTE Confidence: 0.7954858143

00:33:02.112 --> 00:33:04.289 pathology showing some high risk factors.

NOTE Confidence: 0.7954858143

00:33:04.290 --> 00:33:06.110 So the Grade 2 disease,

NOTE Confidence: 0.7954858143

00:33:06.110 --> 00:33:07.542 the lymphovascular space invasion,

NOTE Confidence: 0.7954858143

00:33:07.542 --> 00:33:10.667 we did ask Miss T to meet with

NOTE Confidence: 0.7954858143

00:33:10.667 --> 00:33:12.942 our radiation oncology team to

NOTE Confidence: 0.7954858143

00:33:12.942 --> 00:33:14.706 discuss vaginal brachytherapy and

NOTE Confidence: 0.7954858143

00:33:14.706 --> 00:33:16.656 that is really the most common.

NOTE Confidence: 0.7954858143

00:33:16.660 --> 00:33:18.670 Type of radiation women are now

NOTE Confidence: 0.7954858143

00:33:18.670 --> 00:33:20.490 receiving for these endometrial cancers,

NOTE Confidence: 0.7954858143

00:33:20.490 --> 00:33:22.410 it's typically three sessions,

NOTE Confidence: 0.7954858143

00:33:22.410 --> 00:33:25.290 very well tolerated with very minimal

NOTE Confidence: 0.7954858143

00:33:25.362 --> 00:33:27.690 long term toxicity and really has

NOTE Confidence: 0.7954858143

00:33:27.690 --> 00:33:30.416 shown to decrease the risk of

NOTE Confidence: 0.7954858143

00:33:30.416 --> 00:33:32.066 recurrence quite significantly.

NOTE Confidence: 0.7954858143

00:33:32.070 --> 00:33:32.820 The next slide.

NOTE Confidence: 0.900094153181818

00:33:35.280 --> 00:33:37.512 I just wanted to highlight some of the

NOTE Confidence: 0.900094153181818

00:33:37.512 --> 00:33:39.766 sort of newer exciting technology that we

NOTE Confidence: 0.900094153181818

00:33:39.766 --> 00:33:42.619 have in the field of endometrial cancer.

NOTE Confidence: 0.900094153181818

00:33:42.620 --> 00:33:44.663 I'm sure many of you who have been seeing

NOTE Confidence: 0.900094153181818

00:33:44.663 --> 00:33:46.759 women with breast cancer or are other cancers

NOTE Confidence: 0.900094153181818

00:33:46.759 --> 00:33:48.610 have have been familiar with Sentinel

NOTE Confidence: 0.900094153181818

00:33:48.610 --> 00:33:50.638 node technology and those disease sites.

NOTE Confidence: 0.900094153181818

00:33:50.640 --> 00:33:52.512 But really over the last five to 10 years,

NOTE Confidence: 0.900094153181818

00:33:52.520 --> 00:33:54.305 we've we've seen a huge influx of

NOTE Confidence: 0.900094153181818

00:33:54.305 --> 00:33:56.726 data in and around the youth of a

NOTE Confidence: 0.900094153181818

00:33:56.726 --> 00:33:58.316 Sentinel node technology in almost

NOTE Confidence: 0.900094153181818

00:33:58.377 --> 00:34:00.137 all of our gynecologic cancers,

NOTE Confidence: 0.900094153181818

00:34:00.140 --> 00:34:01.576 which is very exciting.

NOTE Confidence: 0.900094153181818

00:34:01.576 --> 00:34:03.371 Pelvic Notice segment is very

NOTE Confidence: 0.900094153181818

00:34:03.371 --> 00:34:05.038 important in endometrial cancer.

NOTE Confidence: 0.900094153181818

00:34:05.040 --> 00:34:07.790 For stratifying risk and assign

NOTE Confidence: 0.900094153181818

00:34:07.790 --> 00:34:09.990 assigning adjuvant either chemotherapy,

NOTE Confidence: 0.900094153181818

00:34:09.990 --> 00:34:11.654 radiation therapy or both.

NOTE Confidence: 0.900094153181818

00:34:11.654 --> 00:34:14.809 And for years that included a pretty

NOTE Confidence: 0.900094153181818

00:34:14.809 --> 00:34:17.690 extensive pelvic node dissection over a

NOTE Confidence: 0.900094153181818

00:34:17.690 --> 00:34:20.410 fair bit of of space in the pelvis there.

NOTE Confidence: 0.900094153181818

00:34:20.410 --> 00:34:22.777 And so this trial or or more of an

NOTE Confidence: 0.900094153181818

00:34:22.777 --> 00:34:24.240 observational study tried to quantify

NOTE Confidence: 0.900094153181818

00:34:24.240 --> 00:34:26.904 how many of these women were going on to

NOTE Confidence: 0.900094153181818

00:34:26.904 --> 00:34:28.692 develop lymphedema of the lower legs.

NOTE Confidence: 0.900094153181818

00:34:28.700 --> 00:34:30.380 And just like the difficulties in

NOTE Confidence: 0.900094153181818

00:34:30.380 --> 00:34:32.149 treating that in the upper arms

NOTE Confidence: 0.900094153181818

00:34:32.149 --> 00:34:33.325 and the breast cancers,

NOTE Confidence: 0.900094153181818

00:34:33.330 --> 00:34:34.782 we have had a real challenge

NOTE Confidence: 0.900094153181818

00:34:34.782 --> 00:34:35.508 in managing that.

NOTE Confidence: 0.900094153181818

00:34:35.510 --> 00:34:37.300 Edema long-term women who develop

NOTE Confidence: 0.900094153181818

00:34:37.300 --> 00:34:39.446 it in the lower extremities and

NOTE Confidence: 0.900094153181818

00:34:39.446 --> 00:34:41.497 it's not a negligible number and it

NOTE Confidence: 0.900094153181818

00:34:41.497 --> 00:34:43.585 depends on which of the gynecologic

NOTE Confidence: 0.900094153181818

00:34:43.585 --> 00:34:45.380 cancers it is associated with.

NOTE Confidence: 0.900094153181818

00:34:45.380 --> 00:34:48.284 And so we've got really robust data now

NOTE Confidence: 0.900094153181818

00:34:48.284 --> 00:34:51.000 showing that across all the different

NOTE Confidence: 0.900094153181818

00:34:51.000 --> 00:34:53.222 subtypes of endometrial cancer that

NOTE Confidence: 0.900094153181818

00:34:53.222 --> 00:34:55.034 in women whose disease appears to

NOTE Confidence: 0.900094153181818

00:34:55.034 --> 00:34:57.518 be fine to their uterus at diagnosis

NOTE Confidence: 0.900094153181818

00:34:57.518 --> 00:34:59.780 that central no technology is safe,

NOTE Confidence: 0.900094153181818

00:34:59.780 --> 00:35:02.540 effective and almost eliminates the risk

NOTE Confidence: 0.900094153181818

00:35:02.540 --> 00:35:05.679 of lower extremity long term symptomatic.

NOTE Confidence: 0.900094153181818

00:35:05.680 --> 00:35:07.050 Of the team up offline.

NOTE Confidence: 0.900094153181818

00:35:07.050 --> 00:35:07.590 Next slide.

NOTE Confidence: 0.903767166666667

00:35:10.070 --> 00:35:11.606 So I'm going to pass it back over to

NOTE Confidence: 0.903767166666667

00:35:11.606 --> 00:35:13.454 Doctor Kim to talk a little bit about

NOTE Confidence: 0.903767166666667

00:35:13.454 --> 00:35:15.044 where we're moving and endometrial cancer

NOTE Confidence: 0.903767166666667

00:35:15.096 --> 00:35:16.686 and excitement coming down the road.

NOTE Confidence: 0.708029968333333

00:35:18.220 --> 00:35:20.326 Thank you doctor card. So this

NOTE Confidence: 0.67867748

00:35:20.340 --> 00:35:22.228 is a trial. Cancer

NOTE Confidence: 0.842164233529412

00:35:22.600 --> 00:35:24.892 is the most common gynecologic cancer

NOTE Confidence: 0.842164233529412

00:35:24.892 --> 00:35:26.851 in United States and incidents

NOTE Confidence: 0.842164233529412

00:35:26.851 --> 00:35:28.999 are rising as you are aware.

NOTE Confidence: 0.842164233529412

00:35:29.000 --> 00:35:31.730 So five year over survival for the

NOTE Confidence: 0.842164233529412

00:35:31.730 --> 00:35:33.707 localized early stage disease is

NOTE Confidence: 0.842164233529412

00:35:33.707 --> 00:35:36.375 quite good 95% or some for advanced

NOTE Confidence: 0.842164233529412

00:35:36.375 --> 00:35:38.859 stage that's not the case about

NOTE Confidence: 0.842164233529412

00:35:38.859 --> 00:35:41.184 higher overall survival is about

NOTE Confidence: 0.842164233529412

00:35:41.184 --> 00:35:43.380 18% and you know ultimately women

NOTE Confidence: 0.842164233529412

00:35:43.380 --> 00:35:45.680 die from succumb to their disease.

NOTE Confidence: 0.842164233529412

00:35:45.680 --> 00:35:48.299 So the our trend is more and more toward.

NOTE Confidence: 0.842164233529412

00:35:48.300 --> 00:35:50.268 You know successful outcome and trying

NOTE Confidence: 0.842164233529412

00:35:50.268 --> 00:35:52.864 to kind of figure out what are the you

NOTE Confidence: 0.842164233529412

00:35:52.864 --> 00:35:55.070 know the you know targeted approach.

NOTE Confidence: 0.842164233529412

00:35:55.070 --> 00:35:57.670 So based on the TCG a data the

NOTE Confidence: 0.842164233529412

00:35:57.670 --> 00:35:59.294 individual cancers are classified

NOTE Confidence: 0.842164233529412

00:35:59.294 --> 00:36:01.564 based on the molecular subtopics.

NOTE Confidence: 0.842164233529412

00:36:01.570 --> 00:36:04.486 So I draw your attention to the left column.

NOTE Confidence: 0.842164233529412

00:36:04.490 --> 00:36:07.087 So there are four subtypes one the

NOTE Confidence: 0.842164233529412

00:36:07.087 --> 00:36:10.675 two on the left is called Poly or

NOTE Confidence: 0.842164233529412

00:36:10.675 --> 00:36:13.065 polymerase X1 or alternated tumors.

NOTE Confidence: 0.842164233529412

00:36:13.070 --> 00:36:16.598 These are instance are quite small

NOTE Confidence: 0.842164233529412

00:36:16.598 --> 00:36:18.938 about 2.6% but their outcomes.

NOTE Confidence: 0.842164233529412

00:36:18.938 --> 00:36:21.123 They're quite excellent compared to

NOTE Confidence: 0.842164233529412

00:36:21.123 --> 00:36:23.146 the microsatellite instability or

NOTE Confidence: 0.842164233529412

00:36:23.146 --> 00:36:26.176 hyper mutated tumors or these are

NOTE Confidence: 0.842164233529412

00:36:26.176 --> 00:36:28.984 considered hot tumor in the instance

NOTE Confidence: 0.842164233529412

00:36:28.984 --> 00:36:32.750 about the 30 about close to 40%.

NOTE Confidence: 0.842164233529412

00:36:32.750 --> 00:36:35.567 I mean these are the type of tumor that

NOTE Confidence: 0.842164233529412

00:36:35.567 --> 00:36:38.150 respond really well to the immunotherapy,

NOTE Confidence: 0.842164233529412

00:36:38.150 --> 00:36:40.310 the 1/2 on the right,

NOTE Confidence: 0.842164233529412

00:36:40.310 --> 00:36:43.046 the copy number level or endometrioid

NOTE Confidence: 0.842164233529412

00:36:43.050 --> 00:36:45.960 subtype in the one that's the

NOTE Confidence: 0.842164233529412

00:36:45.960 --> 00:36:49.020 worst prognosis is the one called.

NOTE Confidence: 0.842164233529412

00:36:49.020 --> 00:36:50.020 Sarah slate.

NOTE Confidence: 0.842164233529412

00:36:50.020 --> 00:36:52.520 With P53 mutated tumor there

NOTE Confidence: 0.842164233529412

00:36:52.520 --> 00:36:54.540 outcome is quite poor.

NOTE Confidence: 0.842164233529412

00:36:54.540 --> 00:36:58.716 So based on the what does the

NOTE Confidence: 0.842164233529412

00:36:58.720 --> 00:37:00.452 classifications or treatments going

NOTE Confidence: 0.842164233529412

00:37:00.452 --> 00:37:03.308 to be changing and especially the

NOTE Confidence: 0.842164233529412

00:37:03.308 --> 00:37:07.722 based on the port tech for studies our

NOTE Confidence: 0.842164233529412

00:37:07.722 --> 00:37:11.183 pathologist going to classify and mental

NOTE Confidence: 0.842164233529412

00:37:11.183 --> 00:37:14.410 cancer differently than what we used to.

NOTE Confidence: 0.842164233529412

00:37:14.410 --> 00:37:17.488 So next slide.

NOTE Confidence: 0.842164233529412

00:37:17.490 --> 00:37:19.506 These are just to kind of giving

NOTE Confidence: 0.842164233529412

00:37:19.506 --> 00:37:20.830 you perspective of people.

NOTE Confidence: 0.842164233529412

00:37:20.830 --> 00:37:23.530 Isn't that was the proof for

NOTE Confidence: 0.842164233529412

00:37:23.530 --> 00:37:25.950 the as a second line?

NOTE Confidence: 0.842164233529412

00:37:25.950 --> 00:37:30.094 Melissa that's tumor type for the MSI micros.

NOTE Confidence: 0.737108785

00:37:32.380 --> 00:37:36.802 Stability of the MSI or mismatch

NOTE Confidence: 0.737108785

00:37:36.802 --> 00:37:40.250 repair deficiency tumors but with

NOTE Confidence: 0.737108785

00:37:40.250 --> 00:37:43.180 the junction with the multi oral

NOTE Confidence: 0.737108785

00:37:43.180 --> 00:37:45.330 tyrosine kinase inhibitor then that

NOTE Confidence: 0.737108785

00:37:45.330 --> 00:37:48.509 and this was a this changing that

NOTE Confidence: 0.737108785

00:37:48.509 --> 00:37:51.008 they were seeing patients with

NOTE Confidence: 0.737108785

00:37:51.008 --> 00:37:53.828 advanced cancer settings are living

NOTE Confidence: 0.737108785

00:37:53.828 --> 00:37:56.730 longer regardless of double marker.

NOTE Confidence: 0.737108785

00:37:56.730 --> 00:37:58.452 So next slide, what to expect

NOTE Confidence: 0.737108785

00:37:58.452 --> 00:38:01.439 or for the new direction?

NOTE Confidence: 0.737108785

00:38:01.440 --> 00:38:05.460 Adverse events are basically can

NOTE Confidence: 0.737108785

00:38:05.460 --> 00:38:07.554 affect any organ systems and most

NOTE Confidence: 0.737108785

00:38:07.554 --> 00:38:09.780 common organ that can be affected.

NOTE Confidence: 0.737108785

00:38:09.780 --> 00:38:12.461 So thyroid and people to come on

NOTE Confidence: 0.737108785

00:38:12.461 --> 00:38:15.036 on the hypothyroid and also we

NOTE Confidence: 0.737108785

00:38:15.036 --> 00:38:16.836 need some replacement therapy.

NOTE Confidence: 0.737108785

00:38:16.840 --> 00:38:19.455 But these are early recognition

NOTE Confidence: 0.737108785

00:38:19.455 --> 00:38:22.070 and interventions and you know

NOTE Confidence: 0.737108785

00:38:22.160 --> 00:38:23.872 have your subspecialist,

NOTE Confidence: 0.737108785

00:38:23.872 --> 00:38:26.728 your pulmonologist, gastroenterologist,

NOTE Confidence: 0.737108785

00:38:26.728 --> 00:38:27.680 dermatologist,

NOTE Confidence: 0.737108785

00:38:27.680 --> 00:38:30.848 endocrinologist you know have a referral.

NOTE Confidence: 0.737108785

00:38:30.850 --> 00:38:33.350 You have early interventions because

NOTE Confidence: 0.737108785

00:38:33.350 --> 00:38:35.850 these are quite impactful therapy

NOTE Confidence: 0.737108785

00:38:35.921 --> 00:38:38.345 and you want the patients to be on

NOTE Confidence: 0.737108785

00:38:38.350 --> 00:38:41.920 really effective therapy for long.

NOTE Confidence: 0.737108785

00:38:41.920 --> 00:38:42.650 Next.

NOTE Confidence: 0.8492686725

00:38:45.270 --> 00:38:49.038 It's just kind of giving you like a.

NOTE Confidence: 0.8492686725

00:38:49.040 --> 00:38:52.886 You got the. And tougher to therapies

NOTE Confidence: 0.8492686725

00:38:52.886 --> 00:38:55.340 not just for the breast cancer

NOTE Confidence: 0.8492686725

00:38:55.415 --> 00:38:57.931 nowadays at the lab in combination

NOTE Confidence: 0.8492686725

00:38:57.931 --> 00:39:01.200 with the chemo and her to express.

NOTE Confidence: 0.594636359285714

00:39:03.630 --> 00:39:05.325 Advanced urine service.

NOTE Confidence: 0.594636359285714

00:39:05.325 --> 00:39:08.715 Serious cancer can improve the overall

NOTE Confidence: 0.594636359285714

00:39:08.715 --> 00:39:11.310 outcome and so overall survival,

NOTE Confidence: 0.594636359285714

00:39:11.310 --> 00:39:14.070 and this was based on the

NOTE Confidence: 0.594636359285714

00:39:14.070 --> 00:39:16.050 doctor Elizondo sentence work.

NOTE Confidence: 0.445480198

00:39:18.710 --> 00:39:21.260 Next that. Thanks.

NOTE Confidence: 0.741375388333333

00:39:24.990 --> 00:39:29.171 So this kind of brings everybody through

NOTE Confidence: 0.741375388333333

00:39:29.171 --> 00:39:31.698 that kind of over the purple pearls.

NOTE Confidence: 0.864374572857143

00:39:32.810 --> 00:39:35.505 Alright, so let's review the clinical pearls,

NOTE Confidence: 0.864374572857143

00:39:35.510 --> 00:39:37.290 a transvaginal ultrasound is

NOTE Confidence: 0.864374572857143

00:39:37.290 --> 00:39:39.515 often helpful prior to gynecology

NOTE Confidence: 0.864374572857143

00:39:39.515 --> 00:39:41.809 or GYN oncology consultation.

NOTE Confidence: 0.864374572857143

00:39:41.810 --> 00:39:43.545 The ultrasound evaluates the ovaries

NOTE Confidence: 0.864374572857143

00:39:43.545 --> 00:39:45.683 more accurately than a CT scan

NOTE Confidence: 0.864374572857143

00:39:45.683 --> 00:39:47.408 and can measure the endometrium.

NOTE Confidence: 0.864374572857143

00:39:47.410 --> 00:39:49.840 And I I think that if there's ever a

NOTE Confidence: 0.864374572857143

00:39:49.840 --> 00:39:51.976 question and you have to refer the

NOTE Confidence: 0.864374572857143

00:39:51.976 --> 00:39:54.197 patient on to gynecology or do you

NOTE Confidence: 0.864374572857143

00:39:54.197 --> 00:39:56.105 in oncology get the pelvic ultrasound

NOTE Confidence: 0.864374572857143

00:39:56.105 --> 00:39:59.004 ahead of time it it'll it'll make

NOTE Confidence: 0.864374572857143

00:39:59.004 --> 00:40:01.740 that consultation pump that much more

NOTE Confidence: 0.864374572857143

00:40:01.740 --> 00:40:04.130 thorough any person with ovarian cancer or.

NOTE Confidence: 0.864374572857143

00:40:04.130 --> 00:40:06.657 Course to be relative with ovarian cancer

NOTE Confidence: 0.864374572857143

00:40:06.657 --> 00:40:08.800 would benefit from genetic testing and

NOTE Confidence: 0.864374572857143

00:40:08.800 --> 00:40:11.340 I think we heard tonight how to do that,

NOTE Confidence: 0.864374572857143

00:40:11.340 --> 00:40:13.139 how to kind of get in line

NOTE Confidence: 0.864374572857143

00:40:13.139 --> 00:40:14.387 for genetic counseling.

NOTE Confidence: 0.864374572857143

00:40:14.390 --> 00:40:15.922 Before the genetic testing,

NOTE Confidence: 0.864374572857143

00:40:15.922 --> 00:40:18.810 ovarian cancer can be a chronic disease,

NOTE Confidence: 0.864374572857143

00:40:18.810 --> 00:40:21.750 one of our slides showed.

NOTE Confidence: 0.864374572857143

00:40:21.750 --> 00:40:23.196 That with the the new treatment,

NOTE Confidence: 0.864374572857143

00:40:23.200 --> 00:40:24.930 the life expectancy is much

NOTE Confidence: 0.864374572857143

00:40:24.930 --> 00:40:27.439 longer than we we had years ago.

NOTE Confidence: 0.864374572857143

00:40:27.440 --> 00:40:28.709 All postmenopausal bleeding

NOTE Confidence: 0.864374572857143

00:40:28.709 --> 00:40:29.978 must be evaluated.

NOTE Confidence: 0.864374572857143

00:40:29.980 --> 00:40:32.100 Even spotting and remember the

NOTE Confidence: 0.864374572857143

00:40:32.100 --> 00:40:33.796 algorithm stopped the bleeding,

NOTE Confidence: 0.864374572857143

00:40:33.800 --> 00:40:37.720 make a diagnosis and then treatment options.

NOTE Confidence: 0.864374572857143

00:40:37.720 --> 00:40:40.012 Order an FSH level if there's

NOTE Confidence: 0.864374572857143

00:40:40.012 --> 00:40:42.400 any question that a patient is

NOTE Confidence: 0.864374572857143

00:40:42.400 --> 00:40:45.290 is menopausal or not menopausal.

NOTE Confidence: 0.864374572857143

00:40:45.290 --> 00:40:45.607 Again,

NOTE Confidence: 0.864374572857143

00:40:45.607 --> 00:40:47.826 52 year old woman has had a

NOTE Confidence: 0.864374572857143

00:40:47.826 --> 00:40:49.672 few periods in a year.

NOTE Confidence: 0.864374572857143

00:40:49.672 --> 00:40:51.288 Is that postmenopausal bleeding

NOTE Confidence: 0.864374572857143

00:40:51.288 --> 00:40:52.500 or or perimenopausal?

NOTE Confidence: 0.864374572857143

00:40:52.500 --> 00:40:55.578 So an FSH ahead of time is very helpful.

NOTE Confidence: 0.864374572857143

00:40:55.580 --> 00:40:57.628 And many gynecologic cancer

NOTE Confidence: 0.864374572857143

00:40:57.628 --> 00:41:00.188 survivors are candidates for hormone

NOTE Confidence: 0.864374572857143

00:41:00.188 --> 00:41:01.979 replacement therapy if needed.

NOTE Confidence: 0.864374572857143

00:41:01.980 --> 00:41:03.438 That's an important point as well.

NOTE Confidence: 0.864374572857143

00:41:03.440 --> 00:41:06.296 If it if it's not an estrogen

NOTE Confidence: 0.864374572857143

00:41:06.300 --> 00:41:07.932 sensitive cancer,

NOTE Confidence: 0.864374572857143

00:41:07.932 --> 00:41:11.035 then hormone therapy can

NOTE Confidence: 0.864374572857143

00:41:11.035 --> 00:41:13.000 certainly be investigated.

NOTE Confidence: 0.900042618

00:41:19.730 --> 00:41:21.992 So and I can guide some

NOTE Confidence: 0.900042618

00:41:21.992 --> 00:41:23.500 questions if you'd like.

NOTE Confidence: 0.867143647222222

00:41:24.470 --> 00:41:26.451 Yeah, I I just want to remind

NOTE Confidence: 0.867143647222222

00:41:26.451 --> 00:41:28.928 the folks who are on the line to

NOTE Confidence: 0.867143647222222

00:41:28.928 --> 00:41:30.466 complete the survey when you're

NOTE Confidence: 0.867143647222222

00:41:30.466 --> 00:41:32.850 done to get your credit and you can

NOTE Confidence: 0.867143647222222

00:41:32.916 --> 00:41:34.932 always e-mail us with questions and

NOTE Confidence: 0.867143647222222

00:41:34.932 --> 00:41:37.230 and these are the upcoming ones.

NOTE Confidence: 0.867143647222222

00:41:37.230 --> 00:41:39.798 There is one question in the

NOTE Confidence: 0.867143647222222

00:41:39.798 --> 00:41:42.230 chat from from Beth Allard,

NOTE Confidence: 0.867143647222222

00:41:42.230 --> 00:41:43.480 maybe we can start there.

NOTE Confidence: 0.8747078775

00:41:45.000 --> 00:41:47.430 And and and Beth if you noticed his actually

NOTE Confidence: 0.8747078775

00:41:47.430 --> 00:41:49.780 on the panel for next month's session,

NOTE Confidence: 0.8747078775

00:41:49.780 --> 00:41:53.500 so she's getting a little warm up here.

NOTE Confidence: 0.8747078775

00:41:53.500 --> 00:41:55.236 No, I think Jeff,

NOTE Confidence: 0.8747078775

00:41:55.236 --> 00:41:57.406 this is probably for you.

NOTE Confidence: 0.8747078775

00:41:57.410 --> 00:41:59.738 Is there a place for endometrial

NOTE Confidence: 0.8747078775

00:41:59.738 --> 00:42:02.668 biopsy in a pre menopausal woman

NOTE Confidence: 0.8747078775

00:42:02.668 --> 00:42:04.609 versus post menopausal?

NOTE Confidence: 0.8747078775

00:42:04.610 --> 00:42:06.380 When would you do that?

NOTE Confidence: 0.747877301666667

00:42:07.440 --> 00:42:10.098 So I think an endometrial biopsy,

NOTE Confidence: 0.747877301666667

00:42:10.100 --> 00:42:12.076 it's it's I, I do it more often

NOTE Confidence: 0.747877301666667

00:42:12.076 --> 00:42:14.120 than not when there's a question.

NOTE Confidence: 0.747877301666667

00:42:14.120 --> 00:42:17.179 So remember men, Araja has an endometrial

NOTE Confidence: 0.747877301666667

00:42:17.179 --> 00:42:19.724 biopsy and and perimenopausal bleeding

NOTE Confidence: 0.747877301666667

00:42:19.724 --> 00:42:22.609 would as well because remember

NOTE Confidence: 0.747877301666667

00:42:22.609 --> 00:42:25.439 tonight's topic was GYN oncology.

NOTE Confidence: 0.747877301666667

00:42:25.440 --> 00:42:26.928 But most of the abnormal bleeding

NOTE Confidence: 0.747877301666667

00:42:26.928 --> 00:42:29.120 I see is not going to be oncology,

NOTE Confidence: 0.747877301666667

00:42:29.120 --> 00:42:31.180 right, even postmenopausal bleeding,

NOTE Confidence: 0.747877301666667

00:42:31.180 --> 00:42:33.240 it's probably 8020 benign.

NOTE Confidence: 0.747877301666667

00:42:33.240 --> 00:42:36.801 So fibroids, polyps, endometritis.

NOTE Confidence: 0.747877301666667

00:42:36.801 --> 00:42:39.328 There's there's a lot of other reasons,

NOTE Confidence: 0.747877301666667

00:42:39.330 --> 00:42:42.048 which is why I do the biopsy and it

NOTE Confidence: 0.747877301666667

00:42:42.048 --> 00:42:44.189 doesn't go right to Doctor Clark.

NOTE Confidence: 0.876226816

00:42:47.300 --> 00:42:49.508 So I have a couple of questions that

NOTE Confidence: 0.876226816

00:42:49.508 --> 00:42:51.555 had come to me through colleagues

NOTE Confidence: 0.876226816

00:42:51.555 --> 00:42:53.691 before the session that I'll ask.

NOTE Confidence: 0.876226816

00:42:53.700 --> 00:42:56.260 And I would also encourage all of anybody

NOTE Confidence: 0.876226816

00:42:56.260 --> 00:42:58.539 who's attending to please send in questions.

NOTE Confidence: 0.876226816

00:42:58.540 --> 00:43:01.024 This is a pretty great opportunity

NOTE Confidence: 0.876226816

00:43:01.024 --> 00:43:04.392 to have a panel of people who can

NOTE Confidence: 0.876226816

00:43:04.392 --> 00:43:06.828 answer them at a intense level.

NOTE Confidence: 0.876226816

00:43:06.830 --> 00:43:10.967 So one question that I have is

NOTE Confidence: 0.876226816

00:43:10.967 --> 00:43:14.129 about this fallopian tube study.

NOTE Confidence: 0.876226816

00:43:14.130 --> 00:43:16.980 So in the past you know,

NOTE Confidence: 0.876226816

00:43:16.980 --> 00:43:19.965 we also recommended prophylactic oophorectomy

NOTE Confidence: 0.876226816

00:43:19.965 --> 00:43:22.950 for many women having hysterectomy.

NOTE Confidence: 0.876226816

00:43:22.950 --> 00:43:25.488 And at this point at least in my practice,

NOTE Confidence: 0.876226816

00:43:25.490 --> 00:43:28.094 there are a lot of women having

NOTE Confidence: 0.876226816

00:43:28.094 --> 00:43:28.823 hysterectomies, hysterectomies

NOTE Confidence: 0.876226816

00:43:28.823 --> 00:43:30.588 as part of pelvic reconstruction.

NOTE Confidence: 0.876226816

00:43:30.590 --> 00:43:32.312 So they're they're not in the

NOTE Confidence: 0.876226816

00:43:32.312 --> 00:43:34.667 cancer world at all and as a primary

NOTE Confidence: 0.876226816

00:43:34.667 --> 00:43:36.389 care clinician I may offer some.

NOTE Confidence: 0.876226816

00:43:36.390 --> 00:43:38.538 Advice and it comes back with

NOTE Confidence: 0.876226816

00:43:38.538 --> 00:43:39.254 mixed perception.

NOTE Confidence: 0.876226816

00:43:39.260 --> 00:43:40.100 Is that outdated?

NOTE Confidence: 0.876226816

00:43:40.100 --> 00:43:41.780 Is it just the fallopian tube?

NOTE Confidence: 0.876226816

00:43:41.780 --> 00:43:44.210 Now tell me the how did this all evolve?

NOTE Confidence: 0.88336658

00:43:46.600 --> 00:43:48.120 That's a great question, Karen.

NOTE Confidence: 0.88336658

00:43:48.120 --> 00:43:50.904 And we're still actually sort of going back

NOTE Confidence: 0.88336658

00:43:50.904 --> 00:43:53.840 and forth that pendulum continues to swing.

NOTE Confidence: 0.88336658

00:43:53.840 --> 00:43:55.728 A few years ago, there was a really

NOTE Confidence: 0.88336658

00:43:55.728 --> 00:43:57.556 nice paper that came out to suggest

NOTE Confidence: 0.88336658

00:43:57.556 --> 00:43:59.237 that there may actually be some

NOTE Confidence: 0.88336658

00:43:59.237 --> 00:44:00.509 underlying estrogen still produced

NOTE Confidence: 0.88336658

00:44:00.509 --> 00:44:03.264 by the ovaries even if it's not high

NOTE Confidence: 0.88336658

00:44:03.264 --> 00:44:05.592 enough to trigger the menstrual cycle.

NOTE Confidence: 0.88336658

00:44:05.600 --> 00:44:07.770 And so the pendulum swing to keeping

NOTE Confidence: 0.88336658

00:44:07.770 --> 00:44:10.017 ovaries in place for women in the the

NOTE Confidence: 0.88336658

00:44:10.017 --> 00:44:12.648 age seemed to be about 65 is what that

NOTE Confidence: 0.88336658

00:44:12.648 --> 00:44:14.700 study showed now since then there's

NOTE Confidence: 0.88336658

00:44:14.770 --> 00:44:16.849 been a few sort of large scale.

NOTE Confidence: 0.88336658

00:44:16.850 --> 00:44:18.778 Paper saying, you know,

NOTE Confidence: 0.88336658

00:44:18.778 --> 00:44:21.188 that benefits gained their weight

NOTE Confidence: 0.88336658

00:44:21.188 --> 00:44:23.644 against the potential of an

NOTE Confidence: 0.88336658

00:44:23.644 --> 00:44:25.536 ovarian cancer left undetected.

NOTE Confidence: 0.88336658

00:44:25.540 --> 00:44:28.195 And so there is a bit of sort of

NOTE Confidence: 0.88336658

00:44:28.195 --> 00:44:30.819 equipoise within the scientific community.

NOTE Confidence: 0.88336658

00:44:30.820 --> 00:44:32.758 I sit down with my patients.

NOTE Confidence: 0.88336658

00:44:32.760 --> 00:44:34.531 We try to do a more individual

NOTE Confidence: 0.88336658

00:44:34.531 --> 00:44:35.037 risk assessment.

NOTE Confidence: 0.88336658

00:44:35.040 --> 00:44:35.560 You know,

NOTE Confidence: 0.88336658

00:44:35.560 --> 00:44:37.380 is there a high risk of osteoporosis,

NOTE Confidence: 0.88336658

00:44:37.380 --> 00:44:38.066 heart disease,

NOTE Confidence: 0.88336658

00:44:38.066 --> 00:44:38.409 dementia,

NOTE Confidence: 0.88336658

00:44:38.409 --> 00:44:40.124 where those ladies might benefit

NOTE Confidence: 0.88336658

00:44:40.124 --> 00:44:42.347 from even if there's still a little

NOTE Confidence: 0.88336658

00:44:42.347 --> 00:44:43.832 estrogen being produced there to

NOTE Confidence: 0.88336658

00:44:43.884 --> 00:44:45.570 maybe prevent some of those conditions

NOTE Confidence: 0.88336658

00:44:45.570 --> 00:44:47.783 that we know are associated with low.

NOTE Confidence: 0.88336658

00:44:47.783 --> 00:44:49.949 Estrogen early in menopause and and

NOTE Confidence: 0.88336658

00:44:49.949 --> 00:44:52.149 the other thing is where women come

NOTE Confidence: 0.88336658

00:44:52.149 --> 00:44:54.359 from in their own life experience.

NOTE Confidence: 0.88336658

00:44:54.360 --> 00:44:55.686 You know if someone they saw

NOTE Confidence: 0.88336658

00:44:55.686 --> 00:44:56.930 go through an ovarian cancer.

NOTE Confidence: 0.88336658

00:44:56.930 --> 00:44:58.778 I have to say those leaders are

NOTE Confidence: 0.88336658

00:44:58.778 --> 00:45:00.383 typically asking us to remove the

NOTE Confidence: 0.88336658

00:45:00.383 --> 00:45:02.262 ovaries at the same time, but we do.

NOTE Confidence: 0.88336658

00:45:02.262 --> 00:45:03.690 We do think the majority of at

NOTE Confidence: 0.88336658

00:45:03.741 --> 00:45:05.289 least the high grade serious does

NOTE Confidence: 0.88336658

00:45:05.289 --> 00:45:06.321 come from the two.

NOTE Confidence: 0.824984701666667

00:45:08.090 --> 00:45:09.540 And of course, family history

NOTE Confidence: 0.824984701666667

00:45:09.540 --> 00:45:11.340 public plays into that quite a bit,

NOTE Confidence: 0.824984701666667

00:45:11.340 --> 00:45:14.600 right? Yeah, OK. Very helpful.

NOTE Confidence: 0.864410245714286

00:45:16.550 --> 00:45:18.489 Wait, I have a comment about that.

NOTE Confidence: 0.864410245714286

00:45:18.490 --> 00:45:20.548 So this is something that I learned

NOTE Confidence: 0.864410245714286

00:45:20.548 --> 00:45:23.328 a long time ago, but which maybe,

NOTE Confidence: 0.864410245714286

00:45:23.328 --> 00:45:24.906 maybe everybody knows,

NOTE Confidence: 0.864410245714286

00:45:24.910 --> 00:45:27.275 but it's because the developmentally

NOTE Confidence: 0.864410245714286

00:45:27.275 --> 00:45:30.207 right that the the tissue that

NOTE Confidence: 0.864410245714286

00:45:30.207 --> 00:45:32.647 the fallopian tube and peritoneal

NOTE Confidence: 0.864410245714286

00:45:32.647 --> 00:45:34.910 that lines the peritoneum is,

NOTE Confidence: 0.864410245714286

00:45:34.910 --> 00:45:38.735 is is originating from the same tissue

NOTE Confidence: 0.864410245714286

00:45:38.735 --> 00:45:41.689 that that that develops into the ovary,

NOTE Confidence: 0.864410245714286

00:45:41.690 --> 00:45:42.782 you guys get better.

NOTE Confidence: 0.864410245714286

00:45:42.782 --> 00:45:43.874 Is that that's why?

NOTE Confidence: 0.549637825

00:45:45.450 --> 00:45:46.586 The sense that it is,

NOTE Confidence: 0.549637825

00:45:46.586 --> 00:45:48.560 when we look at all the sort

NOTE Confidence: 0.888705834444444

00:45:48.639 --> 00:45:51.815 of epidemiologic data over the last 50 years,

NOTE Confidence: 0.888705834444444

00:45:51.820 --> 00:45:53.038 essentially any risk,

NOTE Confidence: 0.888705834444444

00:45:53.038 --> 00:45:55.474 anything that reduces the number of

NOTE Confidence: 0.888705834444444

00:45:55.474 --> 00:45:58.408 lifetime ovulation, so pregnancy,

NOTE Confidence: 0.888705834444444

00:45:58.408 --> 00:46:01.180 continuous hormonal contraceptives,

NOTE Confidence: 0.888705834444444

00:46:01.180 --> 00:46:02.564 breastfeeding, all of those

NOTE Confidence: 0.888705834444444

00:46:02.564 --> 00:46:04.640 things seem to reduce your risk.

NOTE Confidence: 0.888705834444444

00:46:04.640 --> 00:46:06.984 And so people thought every time the egg

NOTE Confidence: 0.888705834444444

00:46:06.984 --> 00:46:09.028 comes out of the ovary, that rupture,

NOTE Confidence: 0.888705834444444

00:46:09.028 --> 00:46:11.540 that repair of the surface of the ovary,

NOTE Confidence: 0.888705834444444

00:46:11.540 --> 00:46:13.262 that's eventually going to lead to your

NOTE Confidence: 0.888705834444444

00:46:13.262 --> 00:46:15.285 first hit and your second hit in that

NOTE Confidence: 0.888705834444444

00:46:15.285 --> 00:46:16.850 sort of reconstruction of the ovary.

NOTE Confidence: 0.888705834444444

00:46:16.850 --> 00:46:18.674 But now we've learned that's actually

NOTE Confidence: 0.888705834444444

00:46:18.674 --> 00:46:20.389 probably the content of the ovum.

NOTE Confidence: 0.888705834444444

00:46:20.390 --> 00:46:22.560 So the sort of pro inflammatory fluid

NOTE Confidence: 0.888705834444444

00:46:22.560 --> 00:46:24.888 that's in the egg that's coming out,

NOTE Confidence: 0.888705834444444

00:46:24.890 --> 00:46:27.278 that's bathing the fallopian tubes on

NOTE Confidence: 0.888705834444444

00:46:27.278 --> 00:46:30.050 their fimbriated end and they live in

NOTE Confidence: 0.888705834444444

00:46:30.050 --> 00:46:32.282 very close proximity and that's that

NOTE Confidence: 0.888705834444444

00:46:32.282 --> 00:46:34.389 repeated pro inflammatory exposure.

NOTE Confidence: 0.888705834444444

00:46:34.390 --> 00:46:36.346 That's at least the tubal hypothesis

NOTE Confidence: 0.888705834444444

00:46:36.346 --> 00:46:39.221 that most of us are sort of going with

NOTE Confidence: 0.888705834444444

00:46:39.221 --> 00:46:41.688 right now and it's that's probably why

NOTE Confidence: 0.888705834444444

00:46:41.688 --> 00:46:43.928 all those epidemiologic factors hold.

NOTE Confidence: 0.888705834444444

00:46:43.930 --> 00:46:45.578 But it's less has to do with what's

NOTE Confidence: 0.888705834444444

00:46:45.578 --> 00:46:47.117 happening on the surface of the ovary.

NOTE Confidence: 0.888705834444444

00:46:47.120 --> 00:46:48.982 The ovary and what that ovulation is

NOTE Confidence: 0.888705834444444

00:46:48.982 --> 00:46:50.990 doing to the fimbriated end of the

NOTE Confidence: 0.888705834444444

00:46:50.990 --> 00:46:53.067 fallopian tube and and the data on

NOTE Confidence: 0.888705834444444

00:46:53.067 --> 00:46:55.118 this is really quite impressive in in

NOTE Confidence: 0.888705834444444

00:46:55.118 --> 00:46:56.630 countries and centers that have been

NOTE Confidence: 0.888705834444444

00:46:56.630 --> 00:46:58.503 doing this for quite a bit longer than

NOTE Confidence: 0.888705834444444

00:46:58.503 --> 00:47:00.271 we have have seen a nice decline in

NOTE Confidence: 0.888705834444444

00:47:00.318 --> 00:47:02.260 their population rates of ovarian cancer.

NOTE Confidence: 0.710944651066667

00:47:05.900 --> 00:47:08.213 So I want to just add that the patients

NOTE Confidence: 0.710944651066667

00:47:08.213 --> 00:47:10.350 with the BRACA mutations that by

NOTE Confidence: 0.710944651066667

00:47:10.350 --> 00:47:12.165 the time they undergo prophylactic

NOTE Confidence: 0.710944651066667

00:47:12.225 --> 00:47:13.933 southernmost reckoning they already

NOTE Confidence: 0.710944651066667

00:47:13.933 --> 00:47:16.495 find existing tumors that are already

NOTE Confidence: 0.710944651066667

00:47:16.500 --> 00:47:18.636 formed like we call stick regions.

NOTE Confidence: 0.710944651066667

00:47:18.640 --> 00:47:20.542 So kind of give you like

NOTE Confidence: 0.710944651066667

00:47:20.542 --> 00:47:22.390 how the cancers are rising,

NOTE Confidence: 0.76576243

00:47:23.110 --> 00:47:24.018 that's a great point.

NOTE Confidence: 0.76576243

00:47:24.018 --> 00:47:25.958 And and last thing I'll talk about the

NOTE Confidence: 0.76576243

00:47:25.958 --> 00:47:27.799 tubes because I'm obsessed with the tubes.

NOTE Confidence: 0.76576243

00:47:27.800 --> 00:47:29.260 If you can't tell,

NOTE Confidence: 0.76576243

00:47:29.260 --> 00:47:32.188 we actually have now open at Yale we

NOTE Confidence: 0.76576243

00:47:32.188 --> 00:47:34.276 believe so strongly and they said

NOTE Confidence: 0.76576243

00:47:34.276 --> 00:47:36.388 a scientific level that women with.

NOTE Confidence: 0.76576243

00:47:36.388 --> 00:47:38.524 Bracket 2 mutations can enroll in

NOTE Confidence: 0.76576243

00:47:38.524 --> 00:47:40.900 the clinical trial that will remove

NOTE Confidence: 0.76576243

00:47:40.900 --> 00:47:43.680 just the fallopian tube and delay the

NOTE Confidence: 0.76576243

00:47:43.680 --> 00:47:45.960 removal of the ovary until menopause

NOTE Confidence: 0.76576243

00:47:45.960 --> 00:47:48.174 and they'll be followed for quality

NOTE Confidence: 0.76576243

00:47:48.174 --> 00:47:50.859 of life measures as well as of course

NOTE Confidence: 0.76576243

00:47:50.860 --> 00:47:53.460 development of an ovarian cancer.

NOTE Confidence: 0.76576243

00:47:53.460 --> 00:47:55.428 But because ovarian cancers occur a

NOTE Confidence: 0.76576243

00:47:55.428 --> 00:47:57.879 little later in the bracket two women,

NOTE Confidence: 0.76576243

00:47:57.880 --> 00:48:00.106 this trial has been designed to evaluate

NOTE Confidence: 0.76576243

00:48:00.106 --> 00:48:02.777 if removal of just the two would be

NOTE Confidence: 0.76576243

00:48:02.777 --> 00:48:04.427 sufficient risk reduction for that

NOTE Confidence: 0.76576243

00:48:04.493 --> 00:48:07.146 population and we are now enrolling patients.

NOTE Confidence: 0.76576243

00:48:07.150 --> 00:48:08.220 At both the Waterford and

NOTE Confidence: 0.76576243

00:48:08.220 --> 00:48:09.290 our New Haven Care Center.

NOTE Confidence: 0.885142508

00:48:10.700 --> 00:48:13.300 That is fascinating. And honestly,

NOTE Confidence: 0.885142508

00:48:13.300 --> 00:48:14.920 as a primary care physician,

NOTE Confidence: 0.885142508

00:48:14.920 --> 00:48:15.772 I didn't know that.

NOTE Confidence: 0.885142508

00:48:15.772 --> 00:48:17.654 And so I I think it's really helpful

NOTE Confidence: 0.885142508

00:48:17.654 --> 00:48:19.854 to bring out here where people may be,

NOTE Confidence: 0.885142508

00:48:19.860 --> 00:48:22.177 you know, counseling people as to whether

NOTE Confidence: 0.885142508

00:48:22.177 --> 00:48:24.237 to participate in a trial like that,

NOTE Confidence: 0.885142508

00:48:24.240 --> 00:48:26.183 that it's a strong theory, Jeff.

NOTE Confidence: 0.885142508

00:48:26.183 --> 00:48:27.298 It looked like you were

NOTE Confidence: 0.885142508

00:48:27.298 --> 00:48:28.190 about to say something.

NOTE Confidence: 0.778085652307692

00:48:28.600 --> 00:48:31.757 So, so all, so all female voluntary

NOTE Confidence: 0.778085652307692

00:48:31.757 --> 00:48:34.939 sterilization now has gone to salpingectomy.

NOTE Confidence: 0.778085652307692

00:48:34.940 --> 00:48:38.177 So you know back in the day clips, rings,

NOTE Confidence: 0.778085652307692

00:48:38.177 --> 00:48:42.239 tubal ligation using single port laparoscopy,

NOTE Confidence: 0.778085652307692

00:48:42.240 --> 00:48:43.976 that's all kind of gone by the wayside.

NOTE Confidence: 0.778085652307692

00:48:43.980 --> 00:48:47.204 I bet it's been 10 years now that

NOTE Confidence: 0.778085652307692

00:48:47.204 --> 00:48:49.711 voluntary sterilization is now a

NOTE Confidence: 0.778085652307692

00:48:49.711 --> 00:48:51.337 laparoscopic bilateral salpingectomy.

NOTE Confidence: 0.778085652307692

00:48:51.340 --> 00:48:53.482 And we started the fimbriated end because

NOTE Confidence: 0.778085652307692

00:48:53.482 --> 00:48:55.520 we think it's the most important.

NOTE Confidence: 0.778085652307692

00:48:55.520 --> 00:48:58.005 They kind of tease the the fallopian

NOTE Confidence: 0.778085652307692

00:48:58.005 --> 00:49:00.734 tube off the ovary through the broad

NOTE Confidence: 0.778085652307692

00:49:00.734 --> 00:49:03.122 ligament and and get very close

NOTE Confidence: 0.778085652307692

00:49:03.199 --> 00:49:05.750 to the uterus so that you know.

NOTE Confidence: 0.778085652307692

00:49:05.750 --> 00:49:08.325 The whole fallopian tube is

NOTE Confidence: 0.778085652307692

00:49:08.325 --> 00:49:09.870 is effectively removed.

NOTE Confidence: 0.778085652307692

00:49:09.870 --> 00:49:11.406 It's kind of changed the surgery

NOTE Confidence: 0.778085652307692

00:49:11.406 --> 00:49:12.430 just a little bit,

NOTE Confidence: 0.778085652307692

00:49:12.430 --> 00:49:16.270 but it's still 35 millimeter ports.

NOTE Confidence: 0.778085652307692

00:49:16.270 --> 00:49:19.910 Still a rather simple surgery.

NOTE Confidence: 0.778085652307692

00:49:19.910 --> 00:49:20.766 Back at, you know,

NOTE Confidence: 0.778085652307692

00:49:20.766 --> 00:49:22.050 when I was doing C sections,

NOTE Confidence: 0.778085652307692

00:49:22.050 --> 00:49:23.765 if we had a tubal at C-section,

NOTE Confidence: 0.778085652307692

00:49:23.770 --> 00:49:24.526 the same thing,

NOTE Confidence: 0.778085652307692

00:49:24.526 --> 00:49:26.038 no longer were we just sort

NOTE Confidence: 0.778085652307692

00:49:26.038 --> 00:49:27.817 of interrupting the tube but

NOTE Confidence: 0.778085652307692

00:49:27.817 --> 00:49:29.647 removing the whole fallopian tube.

NOTE Confidence: 0.778085652307692

00:49:29.650 --> 00:49:30.938 And that's been quite a while now.

NOTE Confidence: 0.782105676

00:49:32.760 --> 00:49:33.790 And I I think for

NOTE Confidence: 0.895974669375

00:49:33.800 --> 00:49:36.495 any reduction in ovarian cancer with that

NOTE Confidence: 0.895974669375

00:49:36.495 --> 00:49:39.727 that or is it hard to tell because of?

NOTE Confidence: 0.895974669375

00:49:39.730 --> 00:49:41.458 There are other factors at play.

NOTE Confidence: 0.7664832

00:49:42.490 --> 00:49:44.088 I think that's where the studies

NOTE Confidence: 0.7664832

00:49:44.088 --> 00:49:46.460 are going right now, Doctor Brown.

NOTE Confidence: 0.70897921

00:49:46.460 --> 00:49:49.434 Yeah. OK. Is there risk reduction

NOTE Confidence: 0.70897921

00:49:49.434 --> 00:49:51.074 in the high risk population?

NOTE Confidence: 0.70897921

00:49:51.080 --> 00:49:52.718 It'll take many, many years to

NOTE Confidence: 0.70897921

00:49:52.718 --> 00:49:54.856 know if this brings the risk down

NOTE Confidence: 0.70897921

00:49:54.856 --> 00:49:56.496 of an ovarian cancer subsequently.

NOTE Confidence: 0.70897921

00:49:56.500 --> 00:49:58.612 But you know we've seen patients

NOTE Confidence: 0.70897921

00:49:58.612 --> 00:50:00.992 who do have these stick precursor

NOTE Confidence: 0.70897921

00:50:00.992 --> 00:50:03.242 lesions who then unfortunately have

NOTE Confidence: 0.70897921

00:50:03.242 --> 00:50:05.652 to have full usually hysterectomy

NOTE Confidence: 0.70897921

00:50:05.652 --> 00:50:08.808 and fiereck tomy afterwards if an

NOTE Confidence: 0.70897921

00:50:08.808 --> 00:50:11.499 incidental stick lesion is determined.

NOTE Confidence: 0.70897921

00:50:11.500 --> 00:50:13.556 And then we followed them along to make

NOTE Confidence: 0.70897921

00:50:13.556 --> 00:50:15.697 sure that they're doing well afterwards,

NOTE Confidence: 0.70897921

00:50:15.700 --> 00:50:18.544 but but. A lot of young women, I think,

NOTE Confidence: 0.70897921

00:50:18.544 --> 00:50:20.579 who are interested in permanent

NOTE Confidence: 0.70897921

00:50:20.579 --> 00:50:22.563 sterilization but also feel like

NOTE Confidence: 0.70897921

00:50:22.563 --> 00:50:24.657 this is maybe something that they

NOTE Confidence: 0.70897921

00:50:24.657 --> 00:50:26.969 can really do to reduce their risk.

NOTE Confidence: 0.70897921

00:50:26.970 --> 00:50:28.968 If they have a family history,

NOTE Confidence: 0.70897921

00:50:28.970 --> 00:50:30.680 even if the genetics are negative,

NOTE Confidence: 0.70897921

00:50:30.680 --> 00:50:32.360 they really are inclined to do something

NOTE Confidence: 0.70897921

00:50:32.360 --> 00:50:34.366 that's in their control to reduce their risk,

NOTE Confidence: 0.70897921

00:50:34.370 --> 00:50:35.594 and this is one thing they can do.

NOTE Confidence: 0.79680496

00:50:36.620 --> 00:50:40.770 Great. So I just I'm John I'm glad you

NOTE Confidence: 0.79680496

00:50:40.770 --> 00:50:42.446 were talking because I'll come back

NOTE Confidence: 0.79680496

00:50:42.446 --> 00:50:45.209 to you and then I still don't see any

NOTE Confidence: 0.79680496

00:50:45.209 --> 00:50:46.984 other questions from our audience.

NOTE Confidence: 0.79680496

00:50:46.990 --> 00:50:50.666 I would encourage people to ask but

NOTE Confidence: 0.79680496

00:50:50.666 --> 00:50:54.018 I I loved your wording you you blew

NOTE Confidence: 0.79680496

00:50:54.018 --> 00:50:55.997 over it a little it was actually

NOTE Confidence: 0.79680496

00:50:55.997 --> 00:50:58.037 you know sometimes when you hear

NOTE Confidence: 0.79680496

00:50:58.037 --> 00:51:00.073 things twice in one week it they

NOTE Confidence: 0.79680496

00:51:00.073 --> 00:51:02.294 stick and and so a week ago in.

NOTE Confidence: 0.79680496

00:51:02.294 --> 00:51:03.078 Internal medicine.

NOTE Confidence: 0.79680496

00:51:03.078 --> 00:51:06.313 We had a grand rounds from a faculty

NOTE Confidence: 0.79680496

00:51:06.313 --> 00:51:09.113 member named Anna Deforest who had written

NOTE Confidence: 0.79680496

00:51:09.113 --> 00:51:12.258 a book and her point was words matter.

NOTE Confidence: 0.79680496

00:51:12.260 --> 00:51:14.748 And and she specifically said what you said,

NOTE Confidence: 0.79680496

00:51:14.750 --> 00:51:17.630 which is we don't call things

NOTE Confidence: 0.79680496

00:51:17.630 --> 00:51:19.070 mutants and mutations.

NOTE Confidence: 0.79680496

00:51:19.070 --> 00:51:20.802 They're called variations and

NOTE Confidence: 0.79680496

00:51:20.802 --> 00:51:22.967 that that wording is important.

NOTE Confidence: 0.79680496

00:51:22.970 --> 00:51:24.195 In addition to hearing that

NOTE Confidence: 0.79680496

00:51:24.195 --> 00:51:25.730 from you and her this week,

NOTE Confidence: 0.79680496

00:51:25.730 --> 00:51:27.830 I also got back a lab report

NOTE Confidence: 0.79680496

00:51:27.830 --> 00:51:29.170 on a patient with.

NOTE Confidence: 0.79680496

00:51:29.170 --> 00:51:31.498 I don't know hemochromatosis or something

NOTE Confidence: 0.79680496

00:51:31.498 --> 00:51:34.008 and it said mutant detected and you

NOTE Confidence: 0.79680496

00:51:34.008 --> 00:51:36.451 know I had never been so kind of

NOTE Confidence: 0.79680496

00:51:36.451 --> 00:51:38.803 sensitized to that as I was with that.

NOTE Confidence: 0.79680496

00:51:38.810 --> 00:51:41.316 So I I think it's helpful to

NOTE Confidence: 0.79680496

00:51:41.316 --> 00:51:43.639 remember that that words matter and

NOTE Confidence: 0.79680496

00:51:43.639 --> 00:51:46.362 and and and the other thing that's

NOTE Confidence: 0.79680496

00:51:46.440 --> 00:51:48.500 helpful is this concept of.

NOTE Confidence: 0.79680496

00:51:48.500 --> 00:51:49.812 I guess it's futility,

NOTE Confidence: 0.79680496

00:51:49.812 --> 00:51:51.452 but advice now against surveillance,

NOTE Confidence: 0.79680496

00:51:51.460 --> 00:51:54.012 so in those who are high risk doing

NOTE Confidence: 0.79680496

00:51:54.012 --> 00:51:55.911 these regular ultrasounds and markers

NOTE Confidence: 0.79680496

00:51:55.911 --> 00:51:58.299 has not proven to be effective.

NOTE Confidence: 0.79680496

00:51:58.300 --> 00:52:00.946 And so knowing that that's now also

NOTE Confidence: 0.79680496

00:52:00.946 --> 00:52:02.526 within the gynecologic community

NOTE Confidence: 0.79680496

00:52:02.526 --> 00:52:04.802 in addition to our, you know,

NOTE Confidence: 0.79680496

00:52:04.802 --> 00:52:06.707 kind of preventive health focused

NOTE Confidence: 0.79680496

00:52:06.707 --> 00:52:08.336 on internal medicine communities

NOTE Confidence: 0.79680496

00:52:08.336 --> 00:52:09.587 is very helpful.

NOTE Confidence: 0.739387978

00:52:10.510 --> 00:52:11.980 And I think the background.

NOTE Confidence: 0.68305437

00:52:12.150 --> 00:52:13.090 Oh, go ahead, Doctor Clark.

NOTE Confidence: 0.779664598

00:52:13.550 --> 00:52:15.262 No, no, sorry, go ahead. I was going

NOTE Confidence: 0.779664598

00:52:15.262 --> 00:52:16.830 to say something more of an aside.

NOTE Confidence: 0.850494799666667

00:52:18.100 --> 00:52:19.636 Real quick, I'll just point out

NOTE Confidence: 0.850494799666667

00:52:19.636 --> 00:52:21.749 that all the more importance now on

NOTE Confidence: 0.850494799666667

00:52:21.749 --> 00:52:23.474 family history and identification of

NOTE Confidence: 0.850494799666667

00:52:23.474 --> 00:52:25.627 genetics is really the key as far

NOTE Confidence: 0.850494799666667

00:52:25.627 --> 00:52:27.037 as prevention of ovarian cancer.

NOTE Confidence: 0.782138021666667

00:52:28.270 --> 00:52:33.100 Yeah, and testing the the mutation, OK. What

NOTE Confidence: 0.766328066666667

00:52:33.110 --> 00:52:34.454 I was gonna say I just about

NOTE Confidence: 0.766328066666667

00:52:34.454 --> 00:52:35.667 one of the reasons probably

NOTE Confidence: 0.766328066666667

00:52:35.667 --> 00:52:37.407 that the NCCN has now dropped.

NOTE Confidence: 0.766328066666667

00:52:37.410 --> 00:52:39.320 This is just the really

NOTE Confidence: 0.766328066666667

00:52:39.320 --> 00:52:41.003 poor performance of C125.

NOTE Confidence: 0.766328066666667

00:52:41.003 --> 00:52:44.934 You know we order it but there are so

NOTE Confidence: 0.766328066666667

00:52:44.934 --> 00:52:47.548 many things that can cause it to be

NOTE Confidence: 0.766328066666667

00:52:47.548 --> 00:52:49.091 elevated whether that's diverticulitis

NOTE Confidence: 0.766328066666667

00:52:49.091 --> 00:52:51.533 Crohn's disease you know you see

NOTE Confidence: 0.766328066666667

00:52:51.533 --> 00:52:53.918 any sort of inflammatory condition.

NOTE Confidence: 0.766328066666667

00:52:53.920 --> 00:52:55.852 Recent COVID I had a patient who

NOTE Confidence: 0.766328066666667

00:52:55.852 --> 00:52:57.264 is on surveillance for ovarian

NOTE Confidence: 0.766328066666667

00:52:57.264 --> 00:52:59.119 cancer who didn't tell me she had

NOTE Confidence: 0.766328066666667

00:52:59.119 --> 00:53:00.952 had COVID recently chapter 25.

NOTE Confidence: 0.766328066666667

00:53:00.952 --> 00:53:02.562 It was mildly elevated obviously

NOTE Confidence: 0.766328066666667

00:53:02.562 --> 00:53:03.528 very anxiety provoking.

NOTE Confidence: 0.766328066666667

00:53:03.530 --> 00:53:04.877 For that woman.

NOTE Confidence: 0.766328066666667

00:53:04.877 --> 00:53:08.020 And so you know in ordering that

NOTE Confidence: 0.766328066666667

00:53:08.020 --> 00:53:09.455 it's always good to just sort of

NOTE Confidence: 0.766328066666667

00:53:09.455 --> 00:53:11.180 I try to really tell patients,

NOTE Confidence: 0.766328066666667

00:53:11.180 --> 00:53:11.752 you know,

NOTE Confidence: 0.766328066666667

00:53:11.752 --> 00:53:13.754 if it's a little elevated and you

NOTE Confidence: 0.766328066666667

00:53:13.754 --> 00:53:15.898 have one of these other conditions,

NOTE Confidence: 0.766328066666667

00:53:15.900 --> 00:53:17.160 please don't interpret that

NOTE Confidence: 0.766328066666667

00:53:17.160 --> 00:53:19.050 as a test for ovarian cancer.

NOTE Confidence: 0.766328066666667

00:53:19.050 --> 00:53:20.632 And so you have 125 has really

NOTE Confidence: 0.766328066666667

00:53:20.632 --> 00:53:22.020 helped us with so many ways,

NOTE Confidence: 0.766328066666667

00:53:22.020 --> 00:53:24.400 but has really caused a lot of

NOTE Confidence: 0.766328066666667

00:53:24.400 --> 00:53:26.219 anxiety for for healthy women

NOTE Confidence: 0.766328066666667

00:53:26.219 --> 00:53:28.598 in other ways and so sort of

NOTE Confidence: 0.766328066666667

00:53:28.598 --> 00:53:30.332 being cognizant of sort of how

NOTE Confidence: 0.766328066666667

00:53:30.332 --> 00:53:31.874 to interpret those results in

NOTE Confidence: 0.766328066666667

00:53:31.874 --> 00:53:33.686 the context of of each patient.

NOTE Confidence: 0.766328066666667

00:53:33.690 --> 00:53:33.941 Um,

NOTE Confidence: 0.766328066666667

00:53:33.941 --> 00:53:35.949 to try to reduce some of that anxiety

NOTE Confidence: 0.766328066666667

00:53:35.949 --> 00:53:37.544 until they get a chance to meet

NOTE Confidence: 0.766328066666667

00:53:37.544 --> 00:53:39.580 with one of us at the Cancer Center.

NOTE Confidence: 0.875905613333333

00:53:42.410 --> 00:53:45.368 Thank you. This was just wonderful.

NOTE Confidence: 0.875905613333333

00:53:45.370 --> 00:53:47.818 I am so appreciative and I know my

NOTE Confidence: 0.875905613333333

00:53:47.818 --> 00:53:49.691 primary care colleagues who are

NOTE Confidence: 0.875905613333333

00:53:49.691 --> 00:53:52.079 listening and who will listen later.

NOTE Confidence: 0.875905613333333

00:53:52.080 --> 00:53:53.428 We'll feel the same.

NOTE Confidence: 0.875905613333333

00:53:53.428 --> 00:53:55.113 And do you want to?

NOTE Confidence: 0.875905613333333

00:53:55.120 --> 00:53:56.656 Wrap us up, you, you had a question,

NOTE Confidence: 0.875905613333333

00:53:56.660 --> 00:53:58.668 if you have a question we wrap it up

NOTE Confidence: 0.84001816

00:53:59.200 --> 00:54:00.620 from the New York Times.

NOTE Confidence: 0.84001816

00:54:00.620 --> 00:54:03.427 It seems like there's some some new

NOTE Confidence: 0.84001816

00:54:03.427 --> 00:54:05.820 studies coming out around estrogen

NOTE Confidence: 0.84001816

00:54:05.820 --> 00:54:07.280 replace hormone replacement therapy

NOTE Confidence: 0.84001816

00:54:07.280 --> 00:54:09.700 and I think that always comes up.

NOTE Confidence: 0.84001816

00:54:09.700 --> 00:54:12.301 You've had a you know if you're if you've

NOTE Confidence: 0.84001816

00:54:12.301 --> 00:54:14.825 had cancer or you are at high risk

NOTE Confidence: 0.84001816

00:54:14.825 --> 00:54:17.037 of cancer because of a family member,

NOTE Confidence: 0.84001816

00:54:17.040 --> 00:54:19.320 what's the bottom line about is it safe

NOTE Confidence: 0.84001816

00:54:19.320 --> 00:54:21.930 to take estrogen replacement therapy?

NOTE Confidence: 0.70361815

00:54:24.500 --> 00:54:27.290 In 3 minutes I'll take this

NOTE Confidence: 0.698689156444444

00:54:27.300 --> 00:54:29.476 one. In 30 seconds.

NOTE Confidence: 0.698689156444444

00:54:29.476 --> 00:54:32.196 It's it's an individualized decision,

NOTE Confidence: 0.698689156444444

00:54:32.200 --> 00:54:33.488 depends on the tumor,

NOTE Confidence: 0.698689156444444

00:54:33.488 --> 00:54:34.776 depends on the patient,

NOTE Confidence: 0.698689156444444

00:54:34.780 --> 00:54:37.636 depends on her all other risk factors.

NOTE Confidence: 0.698689156444444

00:54:37.640 --> 00:54:39.698 Smilo does have a sexuality menopause

NOTE Confidence: 0.698689156444444

00:54:39.698 --> 00:54:41.070 for cancer survivors program.

NOTE Confidence: 0.698689156444444

00:54:41.070 --> 00:54:43.070 We love to see women and talk about

NOTE Confidence: 0.698689156444444

00:54:43.070 --> 00:54:45.140 risks and benefits for the most part.

NOTE Confidence: 0.698689156444444

00:54:45.140 --> 00:54:47.012 Vaginal vulvar, cervical cancer.

NOTE Confidence: 0.698689156444444

00:54:47.012 --> 00:54:48.648 Yes, it's safe.

NOTE Confidence: 0.698689156444444

00:54:48.648 --> 00:54:50.984 Endometrial and ovarian depends

NOTE Confidence: 0.698689156444444

00:54:50.984 --> 00:54:53.320 on the tumor type.

NOTE Confidence: 0.698689156444444

00:54:53.320 --> 00:54:55.270 Doctor, you agree with that?

NOTE Confidence: 0.791784465

00:54:56.650 --> 00:54:58.566 Absolutely. And Joanna is

NOTE Confidence: 0.791784465

00:54:58.566 --> 00:55:01.440 underselling her role in Sims Clinic.

NOTE Confidence: 0.791784465

00:55:01.440 --> 00:55:03.918 This is an incredible resource at Yale,

NOTE Confidence: 0.791784465

00:55:03.920 --> 00:55:06.864 one of the first in the country to

NOTE Confidence: 0.791784465

00:55:06.864 --> 00:55:08.380 comprehensively evaluate and support

NOTE Confidence: 0.791784465

00:55:08.380 --> 00:55:10.160 women who have been previously

NOTE Confidence: 0.791784465

00:55:10.160 --> 00:55:12.242 told that they are, you know,

NOTE Confidence: 0.791784465

00:55:12.242 --> 00:55:14.348 not eligible or candidates for something

NOTE Confidence: 0.791784465

00:55:14.348 --> 00:55:16.959 that can really improve quality of life,

NOTE Confidence: 0.791784465

00:55:16.960 --> 00:55:18.997 especially in our young women who who

NOTE Confidence: 0.791784465

00:55:18.997 --> 00:55:21.777 go on to develop a gynecologic cancer.

NOTE Confidence: 0.791784465

00:55:21.780 --> 00:55:24.060 And so it's very individual.

NOTE Confidence: 0.791784465

00:55:24.060 --> 00:55:27.000 I have patients who you know.

NOTE Confidence: 0.791784465

00:55:27.000 --> 00:55:28.560 Or on hormone replacement therapy,

NOTE Confidence: 0.791784465

00:55:28.560 --> 00:55:30.996 who came off because of their cancer

NOTE Confidence: 0.791784465

00:55:30.996 --> 00:55:33.330 and their quality of life was so poor

NOTE Confidence: 0.791784465

00:55:33.330 --> 00:55:35.633 and and we really don't actually have

NOTE Confidence: 0.791784465

00:55:35.633 --> 00:55:37.391 prospective randomized data to say that

NOTE Confidence: 0.791784465

00:55:37.391 --> 00:55:39.057 it will cause your cancer to recur.

NOTE Confidence: 0.791784465

00:55:39.060 --> 00:55:41.228 And so it is important that you actually

NOTE Confidence: 0.791784465

00:55:41.228 --> 00:55:43.467 sit down with someone like Joanna or

NOTE Confidence: 0.791784465

00:55:43.467 --> 00:55:45.414 someone who has experience with this

NOTE Confidence: 0.791784465

00:55:45.414 --> 00:55:47.454 and hear the actual data so that you

NOTE Confidence: 0.791784465

00:55:47.454 --> 00:55:50.216 know your patients can make an A truly

NOTE Confidence: 0.791784465

00:55:50.216 --> 00:55:52.313 informed decision and and not just

NOTE Confidence: 0.791784465

00:55:52.313 --> 00:55:54.546 based on you know what their friends

NOTE Confidence: 0.791784465

00:55:54.611 --> 00:55:57.011 have told them or to do or not to do.

NOTE Confidence: 0.791784465

00:55:57.020 --> 00:55:58.634 Because quality of life is just

NOTE Confidence: 0.791784465

00:55:58.634 --> 00:55:59.710 as important as survivorship.

NOTE Confidence: 0.904984375

00:56:03.360 --> 00:56:05.336 I think that's a great place to end.

NOTE Confidence: 0.904984375

00:56:05.340 --> 00:56:07.706 Thanks to all of our faculty for

NOTE Confidence: 0.904984375

00:56:07.706 --> 00:56:10.338 the the great discussion the cases.

NOTE Confidence: 0.904984375

00:56:10.340 --> 00:56:12.665 Thanks to our participants for

NOTE Confidence: 0.904984375

00:56:12.665 --> 00:56:15.479 attending and and please again tell

NOTE Confidence: 0.904984375

00:56:15.479 --> 00:56:18.307 your tell your colleagues to to attend

NOTE Confidence: 0.904984375

00:56:18.307 --> 00:56:21.030 or listen these are recording so

NOTE Confidence: 0.904984375

00:56:21.030 --> 00:56:23.778 they're available and we look forward

NOTE Confidence: 0.904984375

00:56:23.780 --> 00:56:27.412 to seeing you in the future at our

NOTE Confidence: 0.904984375

00:56:27.412 --> 00:56:30.313 next smilo chairs which is Renee

NOTE Confidence: 0.904984375

00:56:30.313 --> 00:56:33.297 can you put that back up for the.

NOTE Confidence: 0.904984375

00:56:33.300 --> 00:56:36.950 For the. For folks.

NOTE Confidence: 0.883893938

00:56:41.350 --> 00:56:42.570 OK. Well, that's all right.

NOTE Confidence: 0.883893938

00:56:42.570 --> 00:56:44.166 We'll, we'll, we'll send it around.

NOTE Confidence: 0.883893938

00:56:44.170 --> 00:56:46.501 It's always the the same Tuesday at

NOTE Confidence: 0.883893938

00:56:46.501 --> 00:56:49.280 the same time, same time, same time,

NOTE Confidence: 0.883893938

00:56:49.280 --> 00:56:52.510 same place, March 7th, GI cancers. Yes.

NOTE Confidence: 0.883893938

00:56:52.510 --> 00:56:54.617 Thank you so much and again please

NOTE Confidence: 0.883893938

00:56:54.617 --> 00:56:56.869 make sure to complete the survey.

NOTE Confidence: 0.883893938

00:56:56.870 --> 00:56:58.390 We really appreciate that and

NOTE Confidence: 0.883893938

00:56:58.390 --> 00:56:59.910 have a good night everyone.

NOTE Confidence: 0.883893938

00:56:59.910 --> 00:57:00.618 Thank you again.

NOTE Confidence: 0.716110234

00:57:01.080 --> 00:57:02.910 Goodnight. Thank you. Thank you

NOTE Confidence: 0.65599943

00:57:02.920 --> 00:57:04.000 guys. Thank you.