WEBVTT

00:00:00.000 --> 00:00:02.154 Funding for Yale Cancer Answers is

NOTE Confidence: 0.791654072181818

00:00:02.154 --> 00:00:04.190 provided by Smilow Cancer Hospital.

NOTE Confidence: 0.709601814444444

00:00:06.380 --> 00:00:08.520 Welcome to Yale Cancer Answers

NOTE Confidence: 0.709601814444444

00:00:08.520 --> 00:00:10.232 with Doctor Anees Chagpar.

NOTE Confidence: 0.709601814444444

00:00:10.240 --> 00:00:12.105 Yale Cancer Answers features the

NOTE Confidence: 0.709601814444444

00:00:12.105 --> 00:00:13.970 latest information on cancer care

NOTE Confidence: 0.709601814444444

00:00:14.030 --> 00:00:15.498 by welcoming oncologists and

NOTE Confidence: 0.709601814444444

00:00:15.498 --> 00:00:17.700 specialists who are on the forefront

NOTE Confidence: 0.709601814444444

00:00:17.763 --> 00:00:19.455 of the battle to fight cancer.

NOTE Confidence: 0.709601814444444

00:00:19.460 --> 00:00:21.926 This week, it's a conversation about

NOTE Confidence: 0.709601814444444

00:00:21.926 --> 00:00:24.420 gynecologic cancers with Doctor Elena Ratner.

NOTE Confidence: 0.709601814444444

00:00:24.420 --> 00:00:26.814 Dr Ratner is a professor of obstetrics,

NOTE Confidence: 0.709601814444444

00:00:26.820 --> 00:00:28.508 gynecology and reproductive sciences

NOTE Confidence: 0.709601814444444

00:00:28.508 --> 00:00:31.040 at the Yale School of Medicine,

NOTE Confidence: 0.709601814444444

00:00:31.040 --> 00:00:32.910 where Doctor Chagpar is a

NOTE Confidence: 0.709601814444444

00:00:32.910 --> 00:00:34.406 professor of surgical oncology.

NOTE Confidence: 0.901667231363636

00:00:35.790 --> 00:00:37.575 So, Elena, maybe we can start off

NOTE Confidence: 0.901667231363636

00:00:37.575 --> 00:00:39.589 by you telling us a little bit about

NOTE Confidence: 0.901667231363636

00:00:39.589 --> 00:00:41.210 yourself and what it is you do.

NOTE Confidence: 0.879979702222222

00:00:41.630 --> 00:00:45.270 Sure, I take care of women with

NOTE Confidence: 0.879979702222222

00:00:45.270 --> 00:00:47.856 ovarian cancer, uterine cancer,

NOTE Confidence: 0.879979702222222

00:00:47.856 --> 00:00:50.948 cervical cancer, and vaginal cancer.

NOTE Confidence: 0.879979702222222

00:00:50.950 --> 00:00:54.526 My passion is early cancer detection

NOTE Confidence: 0.879979702222222

00:00:54.526 --> 00:00:59.049 and even more so cancer prevention,

NOTE Confidence: 0.879979702222222

00:00:59.050 --> 00:01:01.975 which is really the future and I would argue,

NOTE Confidence: 0.879979702222222

00:01:01.980 --> 00:01:06.220 the present, of cancer treatments.

NOTE Confidence: 0.879979702222222

00:01:06.220 --> 00:01:10.916 I have a lab that deals with drug

NOTE Confidence: 0.879979702222222

00:01:10.916 --> 00:01:14.673 development and new novel targeted

NOTE Confidence: 0.879979702222222

00:01:14.673 --> 00:01:17.957 therapies for ovarian cancer.

NOTE Confidence: 0.879979702222222

00:01:17.960 --> 00:01:19.530 The treatment of ovarian cancer

NOTE Confidence: 0.879979702222222

00:01:19.530 --> 00:01:21.365 nowadays is so different from what

NOTE Confidence: 0.879979702222222

00:01:21.365 --> 00:01:23.053 it used to be in the older days.

NOTE Confidence: 0.879979702222222

00:01:23.060 --> 00:01:26.072 We now truly believe in targeted

NOTE Confidence: 0.879979702222222

00:01:26.072 --> 00:01:29.248 personalized care and that is very much

NOTE Confidence: 0.879979702222222

00:01:29.248 --> 00:01:32.198 what I do and how my practice runs

NOTE Confidence: 0.879979702222222

00:01:32.198 --> 00:01:35.420 and that is what my lab does as well.

NOTE Confidence: 0.879979702222222

00:01:35.420 --> 00:01:38.316 I also have a great interest and again,

NOTE Confidence: 0.879979702222222

00:01:38.320 --> 00:01:40.510 a passion for survivorship and

NOTE Confidence: 0.879979702222222

00:01:40.510 --> 00:01:43.791 taking care of women who are fighting

NOTE Confidence: 0.879979702222222

00:01:43.791 --> 00:01:46.296 cancers or have fought cancers,

NOTE Confidence: 0.879979702222222

00:01:46.300 --> 00:01:49.318 and are survivors.

NOTE Confidence: 0.879979702222222

00:01:49.320 --> 00:01:53.384 I am a cofounder and a director of a sexuality

NOTE Confidence: 0.879979702222222

00:01:53.384 --> 00:01:56.158 and menopause program for Smilow

NOTE Confidence: 0.879979702222222

00:01:56.160 --> 00:01:58.918 where we take care of women who

NOTE Confidence: 0.879979702222222

00:01:58.918 --> 00:02:01.043 are going through hormonal changes

NOTE Confidence: 0.879979702222222

00:02:01.043 --> 00:02:04.032 to aid them in their quality of

NOTE Confidence: 0.879979702222222

00:02:04.032 --> 00:02:05.910 life and survivorship.

NOTE Confidence: 0.879979702222222

00:02:05.910 --> 00:02:07.000 Wow, that's

NOTE Confidence: 0.70517087

00:02:07.010 --> 00:02:10.230 a lot. So let's

NOTE Confidence: 0.70517087

00:02:10.230 --> 00:02:13.990 dig into a few of those things.

NOTE Confidence: 0.70517087

00:02:13.990 --> 00:02:15.154 To start with,

NOTE Confidence: 0.70517087

00:02:15.154 --> 00:02:17.482 you mentioned a variety of cancers,

NOTE Confidence: 0.70517087

00:02:17.490 --> 00:02:19.914 cervical cancers, vaginal cancers,

NOTE Confidence: 0.70517087

00:02:19.914 --> 00:02:22.158 uterine cancers, ovarian cancers.

NOTE Confidence: 0.70517087

00:02:22.158 --> 00:02:25.756 It seems like there are so many

NOTE Confidence: 0.70517087

00:02:25.756 --> 00:02:29.522 cancers associated with the female

NOTE Confidence: 0.70517087

00:02:29.522 --> 00:02:33.066 gynecologic and reproductive system.

NOTE Confidence: 0.70517087

00:02:33.070 --> 00:02:36.366 And yet they're all a little bit different,

NOTE Confidence: 0.70517087

00:02:36.370 --> 00:02:37.874 if not very different.

NOTE Confidence: 0.70517087

00:02:37.874 --> 00:02:40.540 So can you talk a little bit

NOTE Confidence: 0.70517087

00:02:40.540 --> 00:02:42.271 about the epidemiology

NOTE Confidence: 0.70517087

00:02:42.271 --> 00:02:45.156 of all of these cancers,

NOTE Confidence: 0.70517087

00:02:45.160 --> 00:02:48.836 how often do they occur and a little

NOTE Confidence: 0.70517087

00:02:48.836 --> 00:02:52.380 bit more about how we can,

NOTE Confidence: 0.70517087

00:02:52.380 --> 00:02:55.056 as you say in terms of

NOTE Confidence: 0.70517087

00:02:55.056 --> 00:02:56.840 prevention and early detection,

NOTE Confidence: 0.70517087

00:02:56.840 --> 00:03:00.080 how we can either prevent or

NOTE Confidence: 0.70517087

00:03:00.080 --> 00:03:02.240 detect these cancers early.

NOTE Confidence: 0.70517087

00:03:02.240 --> 00:03:04.148 It seems that they all might

NOTE Confidence: 0.70517087

00:03:04.148 --> 00:03:06.152 be a little bit different in

NOTE Confidence: 0.70517087

00:03:06.152 --> 00:03:08.760 terms of how easy that is to do,

NOTE Confidence: 0.70517087

00:03:08.760 --> 00:03:09.981 some might be

NOTE Confidence: 0.70517087

00:03:09.981 --> 00:03:12.016 more of the silent cancers

NOTE Confidence: 0.70517087

00:03:12.016 --> 00:03:14.683 and some might be things for

NOTE Confidence: 0.70517087

00:03:14.683 --> 00:03:16.898 which we have ready screening

NOTE Confidence: 0.83525464375

00:03:16.910 --> 00:03:19.010 tests.

NOTE Confidence: 0.83525464375

00:03:19.010 --> 00:03:20.270 That's a wonderful question.

NOTE Confidence: 0.83525464375

00:03:20.270 --> 00:03:22.010 So you are so right,

NOTE Confidence: 0.83525464375

00:03:22.010 --> 00:03:25.266 gynecologic cancers are diverse.

NOTE Confidence: 0.83525464375

00:03:25.266 --> 00:03:28.522 Last month actually marked

NOTE Confidence: 0.83525464375

00:03:28.522 --> 00:03:31.699 gynecologic cancer month.

NOTE Confidence: 0.83525464375

00:03:31.700 --> 00:03:33.450 And yes, we are always going to

NOTE Confidence: 0.83525464375

00:03:33.450 --> 00:03:35.058 be aware that gynecologic cancers

NOTE Confidence: 0.83525464375

00:03:35.058 --> 00:03:37.302 there are

NOTE Confidence: 0.83525464375

00:03:37.302 --> 00:03:40.714 so many different cancers that are part of it.

NOTE Confidence: 0.83525464375

00:03:40.714 --> 00:03:42.970 So let's take it 1 by 1.

NOTE Confidence: 0.83525464375

00:03:42.970 --> 00:03:45.665 So cervical cancer that is the cancer

NOTE Confidence: 0.83525464375

00:03:45.665 --> 00:03:49.139 that is more commonly associated with the

NOTE Confidence: 0.83525464375

00:03:49.140 --> 00:03:50.361 HPV virus,

NOTE Confidence: 0.83525464375

00:03:50.361 --> 00:03:52.803 this is the kind of cancer

NOTE Confidence: 0.83525464375

00:03:52.803 --> 00:03:56.060 where Pap smears play a very

NOTE Confidence: 0.83525464375

00:03:56.060 --> 00:03:57.716 important preventative role.

NOTE Confidence: 0.83525464375

00:03:57.720 --> 00:04:00.174 The good thing about cervical cancer

NOTE Confidence: 0.83525464375

00:04:00.174 --> 00:04:02.915 is that usually it is pretty slow

NOTE Confidence: 0.83525464375

00:04:02.915 --> 00:04:05.896 growing and as long as you keep having

NOTE Confidence: 0.83525464375

00:04:05.896 --> 00:04:08.436 pap smears routinely per protocol,

NOTE Confidence: 0.83525464375

00:04:08.440 --> 00:04:10.648 usually we're able to catch a

NOTE Confidence: 0.83525464375

00:04:10.648 --> 00:04:12.565 great majority of these cancers

NOTE Confidence: 0.83525464375

00:04:12.565 --> 00:04:14.415 in the pre cancer stage.

NOTE Confidence: 0.83525464375

00:04:14.420 --> 00:04:16.805 The HPV vaccine very much

NOTE Confidence: 0.83525464375

00:04:16.805 --> 00:04:19.190 changed the entire nature of

NOTE Confidence: 0.83525464375

00:04:19.190 --> 00:04:22.035 cervical cancer and cervical cancer became

NOTE Confidence: 0.83525464375

00:04:22.035 --> 00:04:25.650 much less common and luckily we see

NOTE Confidence: 0.83525464375

00:04:25.650 --> 00:04:28.507 very little of it in this generation

NOTE Confidence: 0.83525464375

00:04:28.507 --> 00:04:32.000 of women who were vaccinated for the

NOTE Confidence: 0.83525464375

00:04:32.094 --> 00:04:35.088 HPV virus with the vaccine.

NOTE Confidence: 0.83525464375

00:04:35.090 --> 00:04:38.219 This HPV vaccine really is one

NOTE Confidence: 0.83525464375

00:04:38.219 --> 00:04:41.900 of the few incredibly successful

NOTE Confidence: 0.83525464375

00:04:41.900 --> 00:04:47.675 examples of cancer prevention in this cancer.

NOTE Confidence: 0.83525464375

00:04:47.680 --> 00:04:50.455 Uterine cancer is the most

NOTE Confidence: 0.83525464375

00:04:50.455 --> 00:04:52.120 common gynecologic cancer.

00:04:53.341 --> 00:04:55.783 Here in the states we have

NOTE Confidence: 0.83525464375

00:04:55.783 --> 00:04:58.279 an epidemic of obesity.

NOTE Confidence: 0.83525464375

00:04:58.280 --> 00:05:00.398 Obesity unfortunately increases

NOTE Confidence: 0.83525464375

00:05:00.398 --> 00:05:05.340 women's risk of having endometrial

NOTE Confidence: 0.83525464375

00:05:05.442 --> 00:05:08.306 cancer very significantly because

NOTE Confidence: 0.83525464375

00:05:08.306 --> 00:05:12.602 estrogen is produced by this adipose

NOTE Confidence: 0.83525464375

00:05:12.706 --> 00:05:16.580 tissue when we have extra obesity.

NOTE Confidence: 0.83525464375

00:05:16.580 --> 00:05:19.142 So that contributes.

NOTE Confidence: 0.83525464375

00:05:19.142 --> 00:05:20.850 Diabetes contributes.

00:05:21.263 --> 00:05:24.154 But the good news with endometrial cancer

NOTE Confidence: 0.83525464375

00:05:24.154 --> 00:05:27.249 is that usually women have symptoms.

NOTE Confidence: 0.83525464375

00:05:27.250 --> 00:05:29.548 And that is actually the most

NOTE Confidence: 0.83525464375

00:05:29.548 --> 00:05:31.080 important thing about endometrial

NOTE Confidence: 0.83525464375

00:05:31.148 --> 00:05:33.044 cancer, is that women are always

NOTE Confidence: 0.83525464375

00:05:33.044 --> 00:05:35.350 aware that once they reach menopause,

NOTE Confidence: 0.83525464375

00:05:35.350 --> 00:05:37.768 if they start having bleeding again,

NOTE Confidence: 0.83525464375

00:05:37.770 --> 00:05:39.690 that is not normal.

NOTE Confidence: 0.83525464375

00:05:39.690 --> 00:05:42.077 And even though most women who do

NOTE Confidence: 0.83525464375

00:05:42.077 --> 00:05:43.518 bleed after menopause actually

NOTE Confidence: 0.83525464375

00:05:43.518 --> 00:05:45.532 do not have cancer, some do.

NOTE Confidence: 0.83525464375

00:05:45.532 --> 00:05:47.087 And the good news about

NOTE Confidence: 0.83525464375

00:05:47.087 --> 00:05:48.539 endometrial cancer is it's very

NOTE Confidence: 0.83525464375

00:05:48.540 --> 00:05:50.244 curable and usually detected

NOTE Confidence: 0.83525464375

00:05:50.244 --> 00:05:53.256 very early as long as women know

NOTE Confidence: 0.83525464375

00:05:53.256 --> 00:05:55.916 that kind of bleeding is

NOTE Confidence: 0.83525464375

00:05:55.916 --> 00:05:58.183 abnormal and usually all you would

NOTE Confidence: 0.83525464375

00:05:58.183 --> 00:06:00.745 need is just a biopsy and that

NOTE Confidence: 0.83525464375

00:06:00.745 --> 00:06:02.820 would catch again usually either

NOTE Confidence: 0.83525464375

00:06:02.820 --> 00:06:05.369 an early cancer or pre cancer.

NOTE Confidence: 0.7523944225

00:06:06.480 --> 00:06:08.068 The most challenging cancer

NOTE Confidence: 0.810175555714286

00:06:08.160 --> 00:06:11.096 within the gynecologic cancers

NOTE Confidence: 0.810175555714286

00:06:11.096 --> 00:06:13.298 remains ovarian cancer.

NOTE Confidence: 0.810175555714286

00:06:13.300 --> 00:06:15.596 You know we call ovarian cancer the cancer,

NOTE Confidence: 0.810175555714286

00:06:15.600 --> 00:06:19.198 that whispers because it is very difficult

NOTE Confidence: 0.810175555714286

00:06:19.200 --> 00:06:21.950 to find these cancers early.

00:06:23.290 --> 00:06:25.364 My passion is early detection, prevention.

NOTE Confidence: 0.810175555714286

00:06:25.364 --> 00:06:27.728 So I actually do not believe

NOTE Confidence: 0.810175555714286

00:06:27.728 --> 00:06:29.570 that ovarian cancer whispers.

NOTE Confidence: 0.810175555714286

00:06:29.570 --> 00:06:31.824 I believe that it is not whispering,

NOTE Confidence: 0.810175555714286

00:06:31.830 --> 00:06:33.520 it is speaking and we're

NOTE Confidence: 0.810175555714286

00:06:33.520 --> 00:06:35.210 just not listening to it.

NOTE Confidence: 0.810175555714286

00:06:35.210 --> 00:06:37.925 So early detection and prevention

NOTE Confidence: 0.810175555714286

00:06:37.925 --> 00:06:41.238 of ovarian cancer relies in huge

NOTE Confidence: 0.810175555714286

00:06:41.238 --> 00:06:44.280 part to advocacy and awareness and

NOTE Confidence: 0.810175555714286

00:06:44.280 --> 00:06:47.498 not only teaching women about signs

NOTE Confidence: 0.810175555714286

00:06:47.498 --> 00:06:50.168 and symptoms of ovarian cancer,

NOTE Confidence: 0.810175555714286

00:06:50.170 --> 00:06:52.910 but making sure that women

NOTE Confidence: 0.810175555714286

00:06:52.910 --> 00:06:55.650 get the care they deserve.

NOTE Confidence: 0.810175555714286

00:06:55.650 --> 00:06:57.756 There's a lot of literature that

NOTE Confidence: 0.810175555714286

00:06:57.756 --> 00:06:59.847 women with ovarian cancer usually feel

NOTE Confidence: 0.810175555714286

00:06:59.847 --> 00:07:02.319 symptoms for a good six months to a year

NOTE Confidence: 0.810175555714286

00:07:02.383 --> 00:07:04.453 to even two years sometimes before

NOTE Confidence: 0.810175555714286

00:07:04.453 --> 00:07:06.232 the cancer is actually diagnosed.

NOTE Confidence: 0.810175555714286

00:07:06.232 --> 00:07:08.584 And there's literature that women go

NOTE Confidence: 0.810175555714286

00:07:08.584 --> 00:07:11.274 from one provider to another provider

NOTE Confidence: 0.810175555714286

00:07:11.274 --> 00:07:13.689 before they are finally appropriately diagnosed.

NOTE Confidence: 0.810175555714286

00:07:13.690 --> 00:07:15.030 So it is very,

NOTE Confidence: 0.810175555714286

00:07:15.030 --> 00:07:17.470 very important for women to know that,

NOTE Confidence: 0.810175555714286

00:07:17.470 --> 00:07:19.810 especially around the time of menopause,

NOTE Confidence: 0.810175555714286

00:07:19.810 --> 00:07:21.820 especially a little bit later than menopause,

NOTE Confidence: 0.810175555714286

00:07:21.820 --> 00:07:23.825 if they start developing things

NOTE Confidence: 0.810175555714286

00:07:23.825 --> 00:07:26.316 like weight gain or their clothes

NOTE Confidence: 0.810175555714286

00:07:26.316 --> 00:07:28.764 not fitting well or some bowel

NOTE Confidence: 0.810175555714286

00:07:28.764 --> 00:07:30.700 symptoms or bladder symptoms,

NOTE Confidence: 0.810175555714286

00:07:30.700 --> 00:07:31.334 early satiety,

NOTE Confidence: 0.810175555714286

00:07:31.334 --> 00:07:32.919 eating a little and not

NOTE Confidence: 0.810175555714286

00:07:32.919 --> 00:07:34.479 being able to eat more,

NOTE Confidence: 0.810175555714286

00:07:34.480 --> 00:07:36.909 getting up at night and especially if

NOTE Confidence: 0.810175555714286

00:07:36.909 --> 00:07:39.239 these symptoms come kind of all at once,

NOTE Confidence: 0.810175555714286

00:07:39.240 --> 00:07:41.208 that is something that they

NOTE Confidence: 0.810175555714286

00:07:41.208 --> 00:07:43.820 need to be seen by their provider.

NOTE Confidence: 0.810175555714286

00:07:43.820 --> 00:07:45.662 There's a lot of literature that

NOTE Confidence: 0.810175555714286

00:07:45.662 --> 00:07:47.509 there's many different things that cause

NOTE Confidence: 0.810175555714286

00:07:47.509 --> 00:07:49.213 these symptoms that are not cancer.

00:07:49.902 --> 00:07:51.948 We actually all experience them.

NOTE Confidence: 0.810175555714286

00:07:51.950 --> 00:07:53.966 And a lot of them are hormonal.

NOTE Confidence: 0.810175555714286

00:07:53.970 --> 00:07:56.476 But the difference between the women who

NOTE Confidence: 0.810175555714286

00:07:56.476 --> 00:07:57.923 experience these symptoms hormonally

NOTE Confidence: 0.810175555714286

00:07:57.923 --> 00:08:00.107 is that those symptoms come and go.

NOTE Confidence: 0.810175555714286

00:08:00.110 --> 00:08:01.950 The women who subsequently

NOTE Confidence: 0.810175555714286

00:08:01.950 --> 00:08:03.330 develop ovarian cancer,

NOTE Confidence: 0.810175555714286

00:08:03.330 --> 00:08:05.346 these symptoms usually happen

NOTE Confidence: 0.810175555714286

00:08:05.346 --> 00:08:08.370 every single day for two weeks.

NOTE Confidence: 0.810175555714286

00:08:08.370 --> 00:08:10.282 So it is very important for women to

NOTE Confidence: 0.810175555714286

00:08:10.282 --> 00:08:12.190 always be aware and listen to their

NOTE Confidence: 0.810175555714286

00:08:12.190 --> 00:08:14.235 bodies and when they listen to their

NOTE Confidence: 0.810175555714286

00:08:14.235 --> 00:08:16.065 bodies and present to their providers,

NOTE Confidence: 0.810175555714286

00:08:16.070 --> 00:08:18.330 for providers to be educated

NOTE Confidence: 0.810175555714286

00:08:18.330 --> 00:08:21.262 and to understand this kind of

NOTE Confidence: 0.810175555714286

00:08:21.262 --> 00:08:23.020 constellation of symptoms.

NOTE Confidence: 0.810175555714286

00:08:23.020 --> 00:08:26.770 That would require further workup.

NOTE Confidence: 0.810175555714286

00:08:26.770 --> 00:08:27.640 Prevention is key.

NOTE Confidence: 0.810175555714286

00:08:27.640 --> 00:08:30.132 You know, early detection is challenging.

NOTE Confidence: 0.810175555714286

00:08:30.132 --> 00:08:31.566 Prevention is so,

NOTE Confidence: 0.810175555714286

00:08:31.570 --> 00:08:33.866 so important because we know that many

NOTE Confidence: 0.810175555714286

00:08:33.866 --> 00:08:36.169 of these cancers are actually genetic

NOTE Confidence: 0.810175555714286

00:08:36.169 --> 00:08:38.259 and have certain genetic mutation

NOTE Confidence: 0.810175555714286

00:08:38.259 --> 00:08:40.528 that predispose women to these cancers.

NOTE Confidence: 0.810175555714286

00:08:40.530 --> 00:08:42.618 So that is why it is so important

NOTE Confidence: 0.810175555714286

00:08:42.618 --> 00:08:44.824 to know your family history and what

NOTE Confidence: 0.810175555714286

00:08:44.824 --> 00:08:47.660 genes you carry and do that kind of

NOTE Confidence: 0.810175555714286

00:08:47.660 --> 00:08:49.570 risk reduction from that knowledge.

NOTE Confidence: 0.878840550740741

00:08:51.620 --> 00:08:53.986 And then the last kind of

NOTE Confidence: 0.878840550740741

00:08:53.986 --> 00:08:55.930 group of gynecologic cancers that

NOTE Confidence: 0.878840550740741

00:08:55.930 --> 00:08:58.065 you had mentioned earlier were

NOTE Confidence: 0.878840550740741

00:08:58.065 --> 00:09:00.226 vaginal cancers and cancers of

NOTE Confidence: 0.878840550740741

00:09:00.226 --> 00:09:02.256 kind of the external genitalia.

NOTE Confidence: 0.878840550740741

00:09:02.260 --> 00:09:03.904 Those are often cancers that we

NOTE Confidence: 0.878840550740741

00:09:03.904 --> 00:09:05.700 don't hear a lot about.

NOTE Confidence: 0.878840550740741

00:09:05.700 --> 00:09:06.846 Can you tell us a little

NOTE Confidence: 0.878840550740741

00:09:06.846 --> 00:09:07.610 bit more about those?

NOTE Confidence: 0.663922161

00:09:08.060 --> 00:09:09.860 Yeah, you're exactly correct.

NOTE Confidence: 0.663922161

00:09:09.860 --> 00:09:12.980 Those cancers are much more rare.

NOTE Confidence: 0.663922161

00:09:12.980 --> 00:09:16.660 They are also commonly HPV driven and a

NOTE Confidence: 0.663922161

00:09:16.660 --> 00:09:21.286 lot of them also involve the cervix.

NOTE Confidence: 0.663922161

00:09:21.286 --> 00:09:24.107 But with more commonly either cancer of

NOTE Confidence: 0.663922161

00:09:24.107 --> 00:09:27.588 the vulva or pre cancer of the vulva.

NOTE Confidence: 0.663922161

00:09:27.590 --> 00:09:30.656 And again, luckily a lot of these

NOTE Confidence: 0.663922161

00:09:30.656 --> 00:09:34.210 are caught in the precancerous stage.

NOTE Confidence: 0.663922161

00:09:34.210 --> 00:09:36.578 And as long as women again are aware

NOTE Confidence: 0.663922161

00:09:36.578 --> 00:09:39.015 of their anatomy and aware if they

NOTE Confidence: 0.663922161

00:09:39.015 --> 00:09:41.507 have some ulcers or bleeding or some

NOTE Confidence: 0.663922161

00:09:41.507 --> 00:09:43.761 nodules on the outside of their body

NOTE Confidence: 0.663922161

00:09:43.761 --> 00:09:46.490 that doesn't feel normal or feels new,

NOTE Confidence: 0.663922161

00:09:46.490 --> 00:09:49.498 that they should be seen by their provider

NOTE Confidence: 0.663922161

00:09:49.498 --> 00:09:52.250 and that lesion should be biopsied.

NOTE Confidence: 0.663922161

00:09:52.250 --> 00:09:53.144 Again, luckily,

NOTE Confidence: 0.663922161

00:09:53.144 --> 00:09:55.826 those are usually seen or felt,

NOTE Confidence: 0.663922161

00:09:55.830 --> 00:09:59.322 and usually they can be cured or even better,

NOTE Confidence: 0.663922161

00:09:59.330 --> 00:10:01.250 caught in the precancerous stages.

NOTE Confidence: 0.826285025

00:10:02.540 --> 00:10:06.270 So, you know, it sounds like really

NOTE Confidence: 0.826285025

00:10:06.270 --> 00:10:10.332 you need to be very concerned about

NOTE Confidence: 0.826285025

00:10:10.332 --> 00:10:14.780 #1 getting an HPV vaccine if you can.

NOTE Confidence: 0.826285025

00:10:14.780 --> 00:10:18.624 If you meet guidelines for that, number 2,

NOTE Confidence: 0.826285025

00:10:18.624 --> 00:10:22.453 making sure that you get a a PAP smear

NOTE Confidence: 0.826285025

00:10:22.453 --> 00:10:25.920 on a regular basis and #3 that you're

NOTE Confidence: 0.826285025

00:10:25.920 --> 00:10:28.500 really paying attention to to symptoms.

NOTE Confidence: 0.826285025

00:10:28.500 --> 00:10:30.956 Can you talk to us a little bit

NOTE Confidence: 0.826285025

00:10:30.956 --> 00:10:33.107 more about the HPV vaccine and

NOTE Confidence: 0.826285025

00:10:33.110 --> 00:10:35.510 who is eligible for it?

NOTE Confidence: 0.826285025

00:10:35.510 --> 00:10:38.348 It seems to me that historically

NOTE Confidence: 0.826285025

00:10:38.348 --> 00:10:41.888 it has only been for young girls.

NOTE Confidence: 0.826285025

00:10:41.890 --> 00:10:45.810 And now the criteria have expanded

NOTE Confidence: 0.826285025

00:10:45.810 --> 00:10:48.690 for women who may not have had it

NOTE Confidence: 0.826285025

00:10:48.690 --> 00:10:51.426 before up to a certain age limit.

NOTE Confidence: 0.826285025

00:10:51.430 --> 00:10:53.558 Can you talk more about that?

NOTE Confidence: 0.584540473

00:10:53.650 --> 00:10:54.578 Yeah, absolutely.

NOTE Confidence: 0.584540473

00:10:54.578 --> 00:10:57.226 So HPV vaccine, as I mentioned before,

NOTE Confidence: 0.584540473

00:10:57.226 --> 00:10:58.796 really just has been miraculous.

NOTE Confidence: 0.584540473

00:10:58.800 --> 00:11:03.768 You know, we have in the cancer industry

NOTE Confidence: 0.584540473

00:11:03.770 --> 00:11:06.518 talked about and thought about and

NOTE Confidence: 0.584540473

00:11:06.518 --> 00:11:08.350 researched vaccines for generations.

NOTE Confidence: 0.584540473

00:11:08.350 --> 00:11:13.796 This one truly made a tremendous difference.

NOTE Confidence: 0.584540473

00:11:13.800 --> 00:11:16.320 You know from my world of

NOTE Confidence: 0.584540473

00:11:16.320 --> 00:11:18.564 clinical practice, I see cancer,

NOTE Confidence: 0.584540473

00:11:18.564 --> 00:11:21.612 cervical cancer or even cervical severe

NOTE Confidence: 0.584540473

00:11:21.612 --> 00:11:24.656 precancer so much more rarely now

NOTE Confidence: 0.584540473

00:11:24.656 --> 00:11:27.111 that this vaccine became commonplace.

NOTE Confidence: 0.584540473

00:11:27.120 --> 00:11:28.240 And you're exactly correct.

NOTE Confidence: 0.584540473

00:11:28.240 --> 00:11:30.516 When this became available,

NOTE Confidence: 0.584540473

00:11:30.516 --> 00:11:33.090 it was for

NOTE Confidence: 0.584540473

00:11:33.179 --> 00:11:35.524 young girls from age 9 to 25.

NOTE Confidence: 0.584540473

00:11:35.530 --> 00:11:37.742 There was a lot of thought that

NOTE Confidence: 0.584540473

00:11:37.742 --> 00:11:40.328 we wanted to give it before girls

NOTE Confidence: 0.584540473

00:11:40.328 --> 00:11:43.068 or women were sexually active.

NOTE Confidence: 0.584540473

00:11:43.070 --> 00:11:46.066 Before they actually were exposed to HPV,

NOTE Confidence: 0.584540473

00:11:46.070 --> 00:11:48.134 but then a lot of studies came out

NOTE Confidence: 0.584540473

00:11:48.134 --> 00:11:50.816 and a lot of literature came out and

NOTE Confidence: 0.584540473

00:11:50.816 --> 00:11:52.940 now that's this vaccine is actually

NOTE Confidence: 0.584540473

00:11:52.940 --> 00:11:55.240 indicated for women up to age 45.

NOTE Confidence: 0.584540473

00:11:55.240 --> 00:11:57.410 And there is some thought that even

NOTE Confidence: 0.584540473

00:11:57.410 --> 00:11:59.620 for women who have some sort of

NOTE Confidence: 0.584540473

00:11:59.620 --> 00:12:01.567 HPV strains that getting a vaccine

NOTE Confidence: 0.584540473

00:12:01.567 --> 00:12:03.733 would help them fight the other

NOTE Confidence: 0.584540473

00:12:03.733 --> 00:12:05.978 strains that they don't yet have,

NOTE Confidence: 0.584540473

00:12:05.978 --> 00:12:08.680 especially if they have new partners and

NOTE Confidence: 0.584540473

00:12:08.749 --> 00:12:11.816 would be exposed to other strains of HPV.

00:12:12.402 --> 00:12:15.918 I wholeheartedly recommend the HPV vaccine,

NOTE Confidence: 0.584540473

00:12:15.920 --> 00:12:16.860 but not just to girls,

NOTE Confidence: 0.584540473

00:12:16.860 --> 00:12:17.920 but also to boys.

NOTE Confidence: 0.809967902857143

00:12:18.380 --> 00:12:21.439 Yeah, because it it sounds like

NOTE Confidence: 0.809967902857143

00:12:21.440 --> 00:12:23.472 it can certainly prevent

NOTE Confidence: 0.809967902857143

00:12:23.472 --> 00:12:26.012 a number of cancers.

NOTE Confidence: 0.809967902857143

00:12:26.020 --> 00:12:29.503 Talk to us a little bit more about screening.

NOTE Confidence: 0.809967902857143

00:12:29.503 --> 00:12:32.254 You had mentioned Pap smears,

NOTE Confidence: 0.809967902857143

00:12:32.260 --> 00:12:34.570 and many women know that they should

NOTE Confidence: 0.809967902857143

00:12:34.570 --> 00:12:37.387 be getting Pap smears but may not be

NOTE Confidence: 0.809967902857143

00:12:37.387 --> 00:12:39.108 familiar about things like, well,

NOTE Confidence: 0.809967902857143

00:12:39.108 --> 00:12:41.264 when should we start that and how

NOTE Confidence: 0.809967902857143

00:12:41.264 --> 00:12:43.007 often should we get pap smears?

NOTE Confidence: 0.809967902857143

00:12:43.010 --> 00:12:44.950 And when should they stop?

NOTE Confidence: 0.809967902857143

00:12:44.950 --> 00:12:48.510 And is it just a pap smear or do people

NOTE Confidence: 0.809967902857143

00:12:48.606 --> 00:12:51.525 do HPV testing at the same time?

NOTE Confidence: 0.809967902857143

00:12:51.530 --> 00:12:53.070 Can you help us to understand a

NOTE Confidence: 0.809967902857143

00:12:53.070 --> 00:12:54.280 few of those questions?

NOTE Confidence: 0.62228990375

NOTE Confidence: 0.62228990375

00:12:57.974 --> 00:13:00.930 That's a discusson that a lot of us have frequently.

NOTE Confidence: 0.62228990375

00:13:00.930 --> 00:13:04.465 The guidelines for Pap smears have really

NOTE Confidence: 0.62228990375

00:13:04.465 --> 00:13:07.980 been changing quite greatly over the years.

NOTE Confidence: 0.62228990375

00:13:07.980 --> 00:13:10.435 And we understood that these

NOTE Confidence: 0.62228990375

00:13:10.435 --> 00:13:12.890 cancers are really HPV driven.

NOTE Confidence: 0.62228990375

00:13:12.890 --> 00:13:14.740 We now understand that it's

NOTE Confidence: 0.62228990375

00:13:14.740 --> 00:13:16.590 really HPV that drives them.

NOTE Confidence: 0.62228990375

00:13:16.590 --> 00:13:18.876 So right now, even more important

NOTE Confidence: 0.62228990375

00:13:18.876 --> 00:13:21.869 than the Pap smear is the HPV testing.

NOTE Confidence: 0.62228990375

00:13:21.870 --> 00:13:25.030 And for women who don't have the HPV,

NOTE Confidence: 0.62228990375

00:13:25.030 --> 00:13:26.355 for them, the Pap smear

NOTE Confidence: 0.62228990375

00:13:26.355 --> 00:13:27.940 guidelines are much more relaxed.

NOTE Confidence: 0.62228990375

00:13:27.940 --> 00:13:29.520 So that's the key for that.

NOTE Confidence: 0.872031758333333

00:13:31.130 --> 00:13:33.920 And so we are going to pick up the

NOTE Confidence: 0.872031758333333

00:13:33.920 --> 00:13:36.114 conversation and learn a little bit

NOTE Confidence: 0.872031758333333

00:13:36.114 --> 00:13:37.929 more about screening and perhaps

NOTE Confidence: 0.872031758333333

00:13:37.995 --> 00:13:39.933 treatment right after we take a

NOTE Confidence: 0.872031758333333

00:13:39.933 --> 00:13:41.914 short break for a medical minute.

NOTE Confidence: 0.872031758333333

00:13:41.914 --> 00:13:44.308 Please stay tuned to learn more about

NOTE Confidence: 0.872031758333333

00:13:44.308 --> 00:13:45.870 gynecologic cancers with my guest,

NOTE Confidence: 0.872031758333333

00:13:45.870 --> 00:13:47.028 doctor Elena Ratner.

NOTE Confidence: 0.786064479

00:13:47.820 --> 00:13:49.840 Funding for Yale Cancer Answers

NOTE Confidence: 0.786064479

00:13:49.840 --> 00:13:51.860 comes from Smilow Cancer Hospital,

NOTE Confidence: 0.786064479

00:13:51.860 --> 00:13:54.158 where their liver cancer program brings

NOTE Confidence: 0.786064479

00:13:54.158 --> 00:13:56.594 together a dedicated group of specialists

NOTE Confidence: 0.786064479

00:13:56.594 --> 00:13:59.132 whose focus is determining the best

NOTE Confidence: 0.786064479

00:13:59.132 --> 00:14:01.319 personalized treatment plan for each patient.

NOTE Confidence: 0.786064479

00:14:01.320 --> 00:14:06.380 Learn more at smilowcancerhospital.org.

NOTE Confidence: 0.786064479

00:14:06.380 --> 00:14:09.122 The American Cancer Society estimates that

NOTE Confidence: 0.786064479

00:14:09.122 --> 00:14:11.905 more than 65,000 Americans will be diagnosed

NOTE Confidence: 0.786064479

00:14:11.905 --> 00:14:14.459 with head and neck cancer this year,

NOTE Confidence: 0.786064479

00:14:14.460 --> 00:14:17.638 making up about 4% of all cancers

NOTE Confidence: 0.786064479

00:14:17.638 --> 00:14:19.560 diagnosed when detected early,

NOTE Confidence: 0.786064479

00:14:19.560 --> 00:14:21.828 however, had a neck cancers are

NOTE Confidence: 0.786064479

00:14:21.828 --> 00:14:23.940 easily treated and highly curable.

NOTE Confidence: 0.786064479

00:14:23.940 --> 00:14:25.948 Clinical trials are currently

NOTE Confidence: 0.786064479

00:14:25.948 --> 00:14:27.956 underway at federally designated

NOTE Confidence: 0.786064479

00:14:27.956 --> 00:14:29.674 Comprehensive cancer centers such

NOTE Confidence: 0.786064479

00:14:29.674 --> 00:14:31.956 as Yale Cancer Center and its Milo

NOTE Confidence: 0.786064479

00:14:31.956 --> 00:14:34.165 Cancer Hospital to test innovative new

NOTE Confidence: 0.786064479

00:14:34.165 --> 00:14:36.397 treatments for head and neck cancers.

NOTE Confidence: 0.786064479

00:14:36.397 --> 00:14:38.482 Yale Cancer Center was recently

NOTE Confidence: 0.786064479

00:14:38.482 --> 00:14:40.582 awarded grants from the National

NOTE Confidence: 0.786064479

00:14:40.582 --> 00:14:42.736 Institutes of Health to fund the

NOTE Confidence: 0.786064479

00:14:42.736 --> 00:14:45.418 Yale Head and neck Cancer Specialized

NOTE Confidence: 0.786064479

00:14:45.418 --> 00:14:47.470 program of Research Excellence,

NOTE Confidence: 0.786064479

00:14:47.470 --> 00:14:48.286 or SPORE,

NOTE Confidence: 0.786064479

00:14:48.286 --> 00:14:50.326 to address critical barriers to

NOTE Confidence: 0.786064479

00:14:50.326 --> 00:14:53.287 treatment of head and neck squamous cell

NOTE Confidence: 0.786064479

00:14:53.287 --> 00:14:55.777 carcinoma due to resistance to immune

NOTE Confidence: 0.786064479

00:14:55.854 --> 00:14:58.209 DNA damaging and targeted therapy.

NOTE Confidence: 0.786064479

00:14:58.210 --> 00:15:00.626 More information is available

NOTE Confidence: 0.786064479

00:15:00.626 --> 00:15:01.671 at yalecancercenter.org.

NOTE Confidence: 0.786064479

00:15:01.671 --> 00:15:04.317 You're listening to Connecticut public radio.

NOTE Confidence: 0.79331929

00:15:05.540 --> 00:15:07.598 Welcome back to Yale Cancer Answers.

NOTE Confidence: 0.79331929

00:15:07.600 --> 00:15:09.440 This is doctor Anees Chagpar

NOTE Confidence: 0.79331929

00:15:09.440 --> 00:15:11.176 and I'm joined tonight by my guest,

NOTE Confidence: 0.79331929

00:15:11.180 --> 00:15:12.272 doctor Elena Ratner.

NOTE Confidence: 0.79331929

00:15:12.272 --> 00:15:14.456 We're talking about the care of

NOTE Confidence: 0.79331929

00:15:14.456 --> 00:15:16.380 patients with gynecologic cancers.

NOTE Confidence: 0.79331929

00:15:16.380 --> 00:15:18.876 And Elena, right before the break,

NOTE Confidence: 0.79331929

00:15:18.880 --> 00:15:21.267 you were talking a little bit about

NOTE Confidence: 0.79331929

00:15:21.267 --> 00:15:23.316 some of the controversies with

NOTE Confidence: 0.79331929

00:15:23.316 --> 00:15:26.620 regards to screening and how these

NOTE Confidence: 0.79331929

00:15:26.620 --> 00:15:28.920 screening guidelines have changed.

NOTE Confidence: 0.79331929

00:15:28.920 --> 00:15:31.954 You mentioned that these days

NOTE Confidence: 0.79331929

00:15:31.954 --> 00:15:35.586 HPV testing is really important and it may

NOTE Confidence: 0.79331929

00:15:35.590 --> 00:15:38.050 influence what the guidelines

NOTE Confidence: 0.79331929

00:15:38.050 --> 00:15:40.510 are for PAP tests.

NOTE Confidence: 0.79331929

00:15:40.510 --> 00:15:42.830 Can you tell us a little bit more about that?

00:15:43.290 --> 00:15:48.552 The thing with Pap smears and

NOTE Confidence: 0.72995467625

00:15:48.552 --> 00:15:51.288 really how I look at all cancer treatment,

NOTE Confidence: 0.72995467625

00:15:51.290 --> 00:15:53.240 prevention, testing, screening,

NOTE Confidence: 0.72995467625

00:15:53.240 --> 00:15:56.490 everything has to be personalized.

NOTE Confidence: 0.72995467625

00:15:56.490 --> 00:16:00.300 You know, we are now living in an era where

NOTE Confidence: 0.72995467625

00:16:00.300 --> 00:16:01.708 not everybody should be

NOTE Confidence: 0.72995467625

00:16:01.708 --> 00:16:03.116 treated exactly the same.

NOTE Confidence: 0.72995467625

00:16:03.120 --> 00:16:05.200 Everything should be individualized,

NOTE Confidence: 0.72995467625

00:16:05.200 --> 00:16:07.280 everything should be personalized.

NOTE Confidence: 0.72995467625

00:16:07.280 --> 00:16:09.180 So we use these guidelines

NOTE Confidence: 0.72995467625

00:16:09.180 --> 00:16:10.320 that are available.

NOTE Confidence: 0.72995467625

00:16:10.320 --> 00:16:13.296 But again, I wholeheartedly feel that

NOTE Confidence: 0.72995467625

00:16:13.296 --> 00:16:16.591 these are just guidelines and depending

NOTE Confidence: 0.72995467625

00:16:16.591 --> 00:16:19.055 on specific presentation history,

NOTE Confidence: 0.72995467625

00:16:19.060 --> 00:16:22.772 family history, concerning symptoms,

NOTE Confidence: 0.72995467625

00:16:22.772 --> 00:16:25.041 think these screening tests

NOTE Confidence: 0.72995467625

00:16:25.041 --> 00:16:27.276 could be done more frequently.

NOTE Confidence: 0.72995467625

00:16:27.280 --> 00:16:29.840 But the guidelines are now much more relaxed.

NOTE Confidence: 0.72995467625

00:16:32.834 --> 00:16:35.862 We start checking Pap smears at age 21.

NOTE Confidence: 0.72995467625

00:16:35.862 --> 00:16:39.222 Regardless of when the patient

NOTE Confidence: 0.72995467625

00:16:39.222 --> 00:16:41.910 first starts having intercourse.

NOTE Confidence: 0.72995467625

00:16:41.910 --> 00:16:46.769 Women who are 21 to 29 can have

NOTE Confidence: 0.72995467625

00:16:46.769 --> 00:16:50.447 pap smears alone every three years.

NOTE Confidence: 0.72995467625

00:16:50.450 --> 00:16:53.180 HPV testing alone can be considered

NOTE Confidence: 0.72995467625

00:16:53.180 --> 00:16:56.951 for women who are aged 25 to 29,

NOTE Confidence: 0.72995467625

00:16:56.951 --> 00:17:00.500 but Pap smear tests are still preferred.

NOTE Confidence: 0.72995467625

00:17:00.500 --> 00:17:01.888 But then the bigger

NOTE Confidence: 0.72995467625

00:17:01.888 --> 00:17:04.582 group is women aged 30 to 65, and

NOTE Confidence: 0.72995467625

00:17:04.582 --> 00:17:06.696 those women have three options for testing.

NOTE Confidence: 0.72995467625

00:17:06.700 --> 00:17:08.884 They can have a pap smear and

NOTE Confidence: 0.72995467625

00:17:08.884 --> 00:17:11.199 an HPV test every five years.

NOTE Confidence: 0.72995467625

00:17:11.200 --> 00:17:13.060 That is kind of what's preferred.

00:17:13.820 --> 00:17:15.720 Again, HPV is really associated

NOTE Confidence: 0.72995467625

00:17:15.720 --> 00:17:17.819 with these cancers or precancers,

NOTE Confidence: 0.72995467625

00:17:17.820 --> 00:17:20.080 so it's important to test.

NOTE Confidence: 0.72995467625

00:17:20.080 --> 00:17:21.598 Or they can just have a

NOTE Confidence: 0.72995467625

00:17:21.598 --> 00:17:22.610 pap smear by itself

NOTE Confidence: 0.72995467625

00:17:22.610 --> 00:17:24.896 every three years.

NOTE Confidence: 0.72995467625

00:17:24.900 --> 00:17:28.050 Or they can have HPV testing

NOTE Confidence: 0.72995467625

00:17:28.050 --> 00:17:30.150 alone every five years.

NOTE Confidence: 0.72995467625

00:17:30.150 --> 00:17:30.818 And again,

NOTE Confidence: 0.72995467625

00:17:30.818 --> 00:17:33.156 the thinking for this is that

NOTE Confidence: 0.72995467625

00:17:33.156 --> 00:17:35.566 so many of these cancers are HPV

NOTE Confidence: 0.72995467625

00:17:35.566 --> 00:17:37.969 driven and HPV is actually a very,

NOTE Confidence: 0.72995467625

00:17:37.970 --> 00:17:39.029 very common virus.

NOTE Confidence: 0.72995467625

00:17:39.029 --> 00:17:42.024 A lot of women in their 20s will

NOTE Confidence: 0.72995467625

00:17:42.024 --> 00:17:44.249 have positive HPV Pap smears

NOTE Confidence: 0.72995467625

00:17:44.249 --> 00:17:46.514 and those actually don't matter

NOTE Confidence: 0.72995467625

00:17:46.514 --> 00:17:48.944 that much because it is super,

NOTE Confidence: 0.72995467625

00:17:48.950 --> 00:17:49.844 super prevalent.

NOTE Confidence: 0.72995467625

00:17:49.844 --> 00:17:52.526 The ones that matter are the

NOTE Confidence: 0.72995467625

00:17:52.526 --> 00:17:54.810 ones that are long living.

NOTE Confidence: 0.72995467625

00:17:54.810 --> 00:17:57.378 So that's why we don't routinely

NOTE Confidence: 0.72995467625

00:17:57.378 --> 00:18:00.359 start checking HPV or worrying about

NOTE Confidence: 0.72995467625

00:18:00.360 --> 00:18:02.630 HPV until after age 30,

NOTE Confidence: 0.72995467625

00:18:02.630 --> 00:18:04.526 because a lot of women will get the

NOTE Confidence: 0.72995467625

00:18:04.526 --> 00:18:06.706 HPV and then their body will clear it,

NOTE Confidence: 0.72995467625

00:18:06.710 --> 00:18:09.398 we worry about and we watch more closely

NOTE Confidence: 0.72995467625

00:18:09.398 --> 00:18:11.636 those HPV infections that stay after

NOTE Confidence: 0.72995467625

00:18:11.636 --> 00:18:15.061 age 30 and then those we watch and we

NOTE Confidence: 0.72995467625

00:18:15.061 --> 00:18:18.003 just check the Pap smears together with them.

NOTE Confidence: 0.72995467625

00:18:18.003 --> 00:18:18.669 Because again,

NOTE Confidence: 0.72995467625

00:18:18.669 --> 00:18:19.668 whatever this is,

NOTE Confidence: 0.72995467625

00:18:19.670 --> 00:18:21.090 this is usually pretty slow

NOTE Confidence: 0.72995467625

00:18:21.090 --> 00:18:23.213 growing and as long as you keep

NOTE Confidence: 0.72995467625

00:18:23.213 --> 00:18:25.526 checking pap smears and HPV typing

NOTE Confidence: 0.72995467625

00:18:25.526 --> 00:18:27.786 at these kind of intervals,

NOTE Confidence: 0.72995467625

00:18:27.790 --> 00:18:30.526 we will catch it usually in the precancerous stage.

00:18:32.600 --> 00:18:35.155 Let's talk a little bit

NOTE Confidence: 0.916801325

00:18:35.155 --> 00:18:36.889 more about treatments and you

NOTE Confidence: 0.916801325

00:18:36.890 --> 00:18:40.034 had mentioned that everything should

NOTE Confidence: 0.916801325

00:18:40.034 --> 00:18:43.764 be personalized and in terms of not only

NOTE Confidence: 0.916801325

00:18:43.764 --> 00:18:46.548 the screening but also treatment.

NOTE Confidence: 0.916801325

00:18:46.548 --> 00:18:50.134 So for cervical cancer, for example,

NOTE Confidence: 0.916801325

00:18:50.134 --> 00:18:54.733 if you should find a precancerous lesion,

NOTE Confidence: 0.916801325

00:18:54.740 --> 00:18:55.968 how is that treated?

NOTE Confidence: 0.916801325

00:18:55.968 --> 00:18:58.361 How do you kind of go about

NOTE Confidence: 0.916801325

00:18:58.361 --> 00:19:00.736 thinking about the management of

NOTE Confidence: 0.916801325

00:19:00.740 --> 00:19:01.859 cervical cancer.

NOTE Confidence: 0.843691693846154

00:19:02.600 --> 00:19:06.368 Much in the world of

NOTE Confidence: 0.843691693846154

00:19:06.368 --> 00:19:09.039 gynecologic cancer has become better,

NOTE Confidence: 0.843691693846154

00:19:09.040 --> 00:19:13.108 better and smarter and personalized and

NOTE Confidence: 0.843691693846154

00:19:13.108 --> 00:19:17.020 individualized and much less aggressive.

NOTE Confidence: 0.843691693846154

00:19:17.020 --> 00:19:21.255 Nowadays we are able to replace big

NOTE Confidence: 0.843691693846154

00:19:21.255 --> 00:19:22.631 aggressive, radical surgeries that

NOTE Confidence: 0.843691693846154

00:19:22.631 --> 00:19:24.750 we used to do in the older days,

NOTE Confidence: 0.843691693846154

00:19:24.750 --> 00:19:26.740 7-10 years back,

NOTE Confidence: 0.843691693846154

00:19:26.740 --> 00:19:29.122 we're now able to replace the

NOTE Confidence: 0.843691693846154

00:19:29.122 --> 00:19:31.580 surgeries which much less aggressive,

NOTE Confidence: 0.843691693846154

00:19:31.580 --> 00:19:33.350 much more quality of life

NOTE Confidence: 0.843691693846154

00:19:33.350 --> 00:19:34.718 centric procedures.

NOTE Confidence: 0.843691693846154

00:19:34.718 --> 00:19:38.584 So for cervical cancer or moreso

NOTE Confidence: 0.843691693846154

00:19:38.584 --> 00:19:40.360 for surgical precancer,

NOTE Confidence: 0.843691693846154

00:19:40.360 --> 00:19:42.340 there's many procedures that are available.

NOTE Confidence: 0.843691693846154

00:19:42.340 --> 00:19:43.820 We do these surgeries frequently

NOTE Confidence: 0.843691693846154

00:19:43.820 --> 00:19:45.300 for women who are young,

NOTE Confidence: 0.843691693846154

00:19:45.300 --> 00:19:46.938 who still want to have kids,

NOTE Confidence: 0.843691693846154

00:19:46.940 --> 00:19:49.180 and we're able to make that happen.

NOTE Confidence: 0.843691693846154

00:19:49.180 --> 00:19:51.810 We're able to do procedures

NOTE Confidence: 0.843691693846154

00:19:51.810 --> 00:19:54.353 which are fertility sparing and

NOTE Confidence: 0.843691693846154

00:19:54.353 --> 00:19:56.518 get rid of the precancer.

NOTE Confidence: 0.843691693846154

00:19:56.520 --> 00:19:58.480 But even in the world of ovarian cancer,

NOTE Confidence: 0.843691693846154

00:19:58.480 --> 00:20:00.482 which is again kind of the most

NOTE Confidence: 0.843691693846154

00:20:00.482 --> 00:20:02.100 difficult cancer that we deal with,

NOTE Confidence: 0.843691693846154

00:20:02.100 --> 00:20:03.510 we used to do this

NOTE Confidence: 0.843691693846154

00:20:03.510 --> 00:20:04.926 big surgical debulking

NOTE Confidence: 0.843691693846154

00:20:04.926 --> 00:20:06.696 where patients would

NOTE Confidence: 0.843691693846154

00:20:06.696 --> 00:20:08.519 stay in the hospital for weeks.

NOTE Confidence: 0.843691693846154

00:20:08.520 --> 00:20:12.006 Now we can do the same surgeries

NOTE Confidence: 0.843691693846154

00:20:12.006 --> 00:20:13.500 laparoscopically or robotically

NOTE Confidence: 0.843691693846154

00:20:13.500 --> 00:20:16.398 where women can go home the next morning.

NOTE Confidence: 0.843691693846154

00:20:16.400 --> 00:20:18.602 So the paradigm of ovarian cancer

NOTE Confidence: 0.843691693846154

00:20:18.602 --> 00:20:20.070 and really gynecologic cancer

NOTE Confidence: 0.843691693846154

00:20:20.132 --> 00:20:21.528 is really changing drastically

NOTE Confidence: 0.843691693846154

00:20:21.528 --> 00:20:23.273 and in a wonderful way.

NOTE Confidence: 0.827294528125

00:20:24.440 --> 00:20:27.620 And so tell us a little bit more

NOTE Confidence: 0.827294528125

00:20:27.702 --> 00:20:30.516 about the management of these cancers.

NOTE Confidence: 0.76056459

00:20:30.560 --> 00:20:33.562 So in the older days, five years back,

NOTE Confidence: 0.76056459

00:20:33.562 --> 00:20:35.566 we used to treat all these

NOTE Confidence: 0.76056459

00:20:35.566 --> 00:20:37.678 cancers in a very similar fashion.

NOTE Confidence: 0.76056459

00:20:37.680 --> 00:20:39.965 The women would be

NOTE Confidence: 0.76056459

00:20:39.965 --> 00:20:41.793 diagnosed with this cancer,

NOTE Confidence: 0.76056459

00:20:41.800 --> 00:20:43.564 then they would have surgery and then

NOTE Confidence: 0.76056459

00:20:43.564 --> 00:20:45.518 they would have a standard chemotherapy.

NOTE Confidence: 0.76056459

00:20:45.520 --> 00:20:48.688 Nowadays, not only are we making

NOTE Confidence: 0.76056459

00:20:48.688 --> 00:20:51.400 great advances with advocacy and

NOTE Confidence: 0.76056459

00:20:51.400 --> 00:20:53.925 and awareness and having women

NOTE Confidence: 0.76056459

00:20:53.930 --> 00:20:57.251 know exactly what to look out for and make

NOTE Confidence: 0.76056459

00:20:57.251 --> 00:21:00.685 sure that they're getting the perfect care.

NOTE Confidence: 0.76056459

00:21:00.690 --> 00:21:03.679 But then they can have really personalized

NOTE Confidence: 0.76056459

00:21:03.679 --> 00:21:06.022 robotic, still radical

NOTE Confidence: 0.76056459

00:21:06.022 --> 00:21:08.412 but very minimally invasive surgery.

NOTE Confidence: 0.76056459

00:21:08.420 --> 00:21:10.466 And after that we do not

NOTE Confidence: 0.76056459

00:21:10.466 --> 00:21:11.830 treat cancers the same.

NOTE Confidence: 0.76056459

00:21:11.830 --> 00:21:14.358 We study the cancers, we take them out,

NOTE Confidence: 0.76056459

00:21:14.360 --> 00:21:15.740 we take them to the lab,

NOTE Confidence: 0.76056459

00:21:15.740 --> 00:21:17.340 we study them for multiple,

NOTE Confidence: 0.76056459

00:21:17.340 --> 00:21:20.130 multiple mutations and then we

NOTE Confidence: 0.76056459

00:21:20.130 --> 00:21:22.362 treat specifically that woman.

00:21:22.878 --> 00:21:24.910 And because her cancer is

NOTE Confidence: 0.76056459

00:21:24.963 --> 00:21:27.195 not the same as the cancer of somebody else,

NOTE Confidence: 0.76056459

00:21:27.200 --> 00:21:28.976 we treat specifically her

NOTE Confidence: 0.76056459

00:21:28.976 --> 00:21:31.196 tumor and we're able to

NOTE Confidence: 0.76056459

00:21:31.200 --> 00:21:34.320 frequently do so with targeted

NOTE Confidence: 0.76056459

00:21:34.320 --> 00:21:37.396 therapies in addition frequently to standard

NOTE Confidence: 0.76056459

00:21:37.396 --> 00:21:40.150 therapy that also has great success.

NOTE Confidence: 0.76056459

00:21:40.150 --> 00:21:42.916 But we're able to know exactly

NOTE Confidence: 0.76056459

00:21:42.916 --> 00:21:45.285 what mutations that patient has

NOTE Confidence: 0.76056459

00:21:45.285 --> 00:21:47.510 and especially what mutations

NOTE Confidence: 0.76056459

00:21:47.510 --> 00:21:50.402 her tumor has and we're able

NOTE Confidence: 0.76056459

00:21:50.402 --> 00:21:52.466 to target them specifically.

NOTE Confidence: 0.76056459

00:21:52.470 --> 00:21:56.257 And not only will that allow us to treat

NOTE Confidence: 0.76056459

00:21:56.257 --> 00:21:59.386 the cancers better to get better outcomes,

NOTE Confidence: 0.76056459

00:21:59.390 --> 00:22:02.074 but as important, it also allows for better

NOTE Confidence: 0.76056459

00:22:02.074 --> 00:22:03.157 quality of life.

NOTE Confidence: 0.76056459

00:22:03.160 --> 00:22:05.452 And it allows women to continue

NOTE Confidence: 0.76056459

00:22:05.452 --> 00:22:07.851 living their lives with much less

NOTE Confidence: 0.76056459

00:22:07.851 --> 00:22:10.245 toxicity and much less side effects,

NOTE Confidence: 0.662107826

00:22:10.540 --> 00:22:13.280 and that's fabulous.

NOTE Confidence: 0.662107826

00:22:13.280 --> 00:22:16.864 But one of the things that people often

NOTE Confidence: 0.662107826

00:22:16.864 --> 00:22:20.433 fear about ovarian cancer is that it does

NOTE Confidence: 0.662107826

00:22:20.433 --> 00:22:24.219 tend to be deadly in terms of prognosis.

NOTE Confidence: 0.662107826

00:22:24.220 --> 00:22:27.128 Can you talk to us about how the

NOTE Confidence: 0.662107826

00:22:27.128 --> 00:22:29.492 prognosis of ovarian cancer has changed

NOTE Confidence: 0.662107826

00:22:29.492 --> 00:22:32.749 over the past five years, if it has?

NOTE Confidence: 0.662107826

00:22:32.749 --> 00:22:37.258 And what that kind of looks like.

NOTE Confidence: 0.734053694285714

00:22:39.380 --> 00:22:43.118 So yeah, so the prognosis is improving.

NOTE Confidence: 0.734053694285714

00:22:43.120 --> 00:22:45.712 Women are living longer,

NOTE Confidence: 0.734053694285714

00:22:45.712 --> 00:22:48.952 the proportion of women who

NOTE Confidence: 0.734053694285714

00:22:48.952 --> 00:22:52.620 are cured is somewhat higher,

NOTE Confidence: 0.734053694285714

00:22:52.620 --> 00:22:58.290 and I really think that is all

NOTE Confidence: 0.734053694285714

00:22:58.290 --> 00:23:00.819 because of the treatments that we

NOTE Confidence: 0.734053694285714

00:23:00.819 --> 00:23:03.659 have been able to come up with and

NOTE Confidence: 0.734053694285714

00:23:03.659 --> 00:23:06.066 develop and use during this time,

NOTE Confidence: 0.734053694285714

00:23:06.070 --> 00:23:08.070 you know, for example.

NOTE Confidence: 0.734053694285714

00:23:08.070 --> 00:23:12.298 in this search for

NOTE Confidence: 0.734053694285714

00:23:12.298 --> 00:23:15.026 genomic or germline mutations,

NOTE Confidence: 0.734053694285714

00:23:15.030 --> 00:23:18.012 we now are able to identify a

NOTE Confidence: 0.734053694285714

00:23:18.012 --> 00:23:21.245 subset of patients who are

NOTE Confidence: 0.734053694285714

00:23:21.245 --> 00:23:23.702 very sensitive to certain targeted

NOTE Confidence: 0.734053694285714

00:23:23.702 --> 00:23:26.070 therapies such as immunotherapy,

NOTE Confidence: 0.734053694285714

00:23:26.070 --> 00:23:29.100 such as something called PARP

NOTE Confidence: 0.734053694285714

00:23:29.100 --> 00:23:32.142 inhibitors and the woman who

NOTE Confidence: 0.734053694285714

00:23:32.142 --> 00:23:35.182 have these mutations,

NOTE Confidence: 0.734053694285714

00:23:35.190 --> 00:23:37.845 who benefit from these treatments

NOTE Confidence: 0.734053694285714

00:23:37.845 --> 00:23:38.907 do marvelously.

00:23:39.848 --> 00:23:41.724 There's really miraculous outcomes

NOTE Confidence: 0.734053694285714

00:23:41.724 --> 00:23:44.996 that we have had over this period

NOTE Confidence: 0.734053694285714

00:23:44.996 --> 00:23:47.624 of time with this new targeted

NOTE Confidence: 0.734053694285714

00:23:47.624 --> 00:23:49.200 therapies specifically for

NOTE Confidence: 0.734053694285714

00:23:49.200 --> 00:23:51.835 women who have these mutations.

00:23:52.286 --> 00:23:54.962 The improved prognosis and

NOTE Confidence: 0.734053694285714

00:23:54.962 --> 00:23:57.817 the improved survival is all due to that,

NOTE Confidence: 0.734053694285714

00:23:57.820 --> 00:23:59.563 to the fact that we are treating

NOTE Confidence: 0.734053694285714

00:23:59.563 --> 00:24:01.040 these things in a better way,

NOTE Confidence: 0.734053694285714

00:24:01.040 --> 00:24:03.707 in a smarter way and we're able

NOTE Confidence: 0.734053694285714

00:24:03.707 --> 00:24:06.810 to test better and know who are

NOTE Confidence: 0.734053694285714

00:24:06.810 --> 00:24:09.155 the right candidates for specific

NOTE Confidence: 0.734053694285714

00:24:09.160 --> 00:24:10.505 targeted therapies and I think

NOTE Confidence: 0.734053694285714

00:24:10.505 --> 00:24:12.172 that's only going to get bigger

NOTE Confidence: 0.734053694285714

00:24:12.172 --> 00:24:13.768 and it's only gonna get better.

NOTE Confidence: 0.734053694285714

00:24:13.770 --> 00:24:15.780 There's so many trials that are

NOTE Confidence: 0.734053694285714

00:24:15.780 --> 00:24:18.246 happening right now looking at a whole

NOTE Confidence: 0.734053694285714

00:24:18.246 --> 00:24:20.370 different variety of targeted therapies.

NOTE Confidence: 0.734053694285714

00:24:20.370 --> 00:24:20.856 And again,

NOTE Confidence: 0.734053694285714

00:24:20.856 --> 00:24:22.400 it's not for everybody.

NOTE Confidence: 0.734053694285714

00:24:22.400 --> 00:24:24.110 Not every target is for everybody.

NOTE Confidence: 0.734053694285714

00:24:24.110 --> 00:24:25.676 That is the future.

NOTE Confidence: 0.734053694285714

00:24:25.680 --> 00:24:28.228 That is the importance of this to

NOTE Confidence: 0.734053694285714

00:24:28.228 --> 00:24:29.758 understand the personal approach

NOTE Confidence: 0.734053694285714

00:24:29.758 --> 00:24:31.608 to what this particular tumor

NOTE Confidence: 0.734053694285714

00:24:31.608 --> 00:24:33.766 carries and then be able to

NOTE Confidence: 0.734053694285714

00:24:33.766 --> 00:24:35.584 treat it with a specific drug,

NOTE Confidence: 0.734053694285714

00:24:35.590 --> 00:24:38.980 specific medicine for that specific tumor.

NOTE Confidence: 0.898428442068965

00:24:39.420 --> 00:24:43.025 So important in terms of really

NOTE Confidence: 0.898428442068965

00:24:43.025 --> 00:24:45.186 promoting clinical trial participation

NOTE Confidence: 0.898428442068965

00:24:45.186 --> 00:24:48.903 so that we can offer patients the

NOTE Confidence: 0.898428442068965

00:24:48.903 --> 00:24:52.125 latest therapies that really might be

NOTE Confidence: 0.898428442068965

00:24:52.125 --> 00:24:54.710 targeted to their particular tumor.

NOTE Confidence: 0.898428442068965

00:24:54.710 --> 00:24:57.094 One of the things that I often think

NOTE Confidence: 0.898428442068965

00:24:57.094 --> 00:24:59.355 about in terms of ovarian cancer is

NOTE Confidence: 0.898428442068965

00:24:59.355 --> 00:25:01.749 the fact that in part because of,

NOTE Confidence: 0.898428442068965

00:25:01.750 --> 00:25:03.570 as you say, a lack of awareness,

NOTE Confidence: 0.898428442068965

00:25:03.570 --> 00:25:06.492 so many of these ovarian cancers

NOTE Confidence: 0.898428442068965

00:25:06.492 --> 00:25:09.910 present late, they present at stage 4.

NOTE Confidence: 0.898428442068965

00:25:09.910 --> 00:25:11.966 With distant metastatic disease,

NOTE Confidence: 0.898428442068965

00:25:11.966 --> 00:25:15.050 has the prognosis of those patients

NOTE Confidence: 0.898428442068965

00:25:15.131 --> 00:25:17.776 also improved with these therapies?

NOTE Confidence: 0.898428442068965

00:25:17.780 --> 00:25:20.100 Can you talk a little bit

NOTE Confidence: 0.898428442068965

00:25:20.100 --> 00:25:22.459 more about metastatic ovarian cancer?

NOTE Confidence: 0.735353478181818

00:25:23.140 --> 00:25:25.762 Yeah. So the great majority of

NOTE Confidence: 0.735353478181818

00:25:25.762 --> 00:25:27.510 ovarian cancers unfortunately present

NOTE Confidence: 0.735353478181818

00:25:27.575 --> 00:25:29.578 manifestation exactly as you said

NOTE Confidence: 0.735353478181818

00:25:29.578 --> 00:25:31.330 in stage three and stage four.

NOTE Confidence: 0.735353478181818

00:25:31.330 --> 00:25:33.652 So all the cancers I talked about up to

NOTE Confidence: 0.735353478181818

00:25:33.652 --> 00:25:36.022 now with better prognosis and targeted

NOTE Confidence: 0.735353478181818

00:25:36.022 --> 00:25:38.610 therapies is actually about those cancers.

NOTE Confidence: 0.735353478181818

00:25:38.610 --> 00:25:41.522 So yes, for women with advanced disease which

NOTE Confidence: 0.735353478181818

00:25:41.522 --> 00:25:44.728 is very frequently how these are diagnosed,

NOTE Confidence: 0.735353478181818

00:25:44.730 --> 00:25:45.960 prognosis is better,

NOTE Confidence: 0.735353478181818

00:25:45.960 --> 00:25:49.026 therapies are better, toxicity is better,

NOTE Confidence: 0.735353478181818

00:25:49.026 --> 00:25:53.310 but it is really the key to

NOTE Confidence: 0.735353478181818

00:25:53.310 --> 00:25:54.876 curing ovarian cancer.

NOTE Confidence: 0.735353478181818

00:25:54.876 --> 00:25:57.486 The key to eradicating ovarian

NOTE Confidence: 0.735353478181818

00:25:57.486 --> 00:25:59.950 cancer is early detection.

NOTE Confidence: 0.735353478181818

00:25:59.950 --> 00:26:02.686 It is education, it is awareness,

NOTE Confidence: 0.735353478181818

00:26:02.690 --> 00:26:05.168 it is education for the providers.

NOTE Confidence: 0.735353478181818

00:26:05.170 --> 00:26:07.170 Because if these cancers are

NOTE Confidence: 0.735353478181818

00:26:07.170 --> 00:26:09.830 diagnosed in stage one and stage 2, the

NOTE Confidence: 0.735353478181818

00:26:09.830 --> 00:26:12.230 great majority of them are cured.

NOTE Confidence: 0.735353478181818

00:26:12.230 --> 00:26:14.978 So that is why in

NOTE Confidence: 0.735353478181818

00:26:14.978 --> 00:26:17.176 addition to drug development and in

NOTE Confidence: 0.735353478181818

00:26:17.176 --> 00:26:18.732 addition to everything else that we

NOTE Confidence: 0.735353478181818

00:26:18.732 --> 00:26:21.380 do in the lab to try to understand the

NOTE Confidence: 0.735353478181818

00:26:21.380 --> 00:26:23.492 therapy and resistance to chemotherapy

NOTE Confidence: 0.735353478181818

00:26:23.500 --> 00:26:24.838 and side effects,

NOTE Confidence: 0.735353478181818

00:26:24.838 --> 00:26:28.606 it is so important to concentrate on early

NOTE Confidence: 0.735353478181818

00:26:28.606 --> 00:26:31.936 detection because that truly saves lives.

00:26:33.040 --> 00:26:34.924 I I think that there's two

NOTE Confidence: 0.759080955555556

00:26:34.924 --> 00:26:36.223 key messages there, right?

NOTE Confidence: 0.759080955555556

00:26:36.223 --> 00:26:38.694 The first one is that if

NOTE Confidence: 0.759080955555556

00:26:38.694 --> 00:26:41.291 you have been diagnosed with

NOTE Confidence: 0.759080955555556

00:26:41.291 --> 00:26:43.097 metastatic ovarian cancer,

NOTE Confidence: 0.759080955555556

00:26:43.100 --> 00:26:45.277 the first piece of key message

NOTE Confidence: 0.759080955555556

00:26:45.277 --> 00:26:47.465 that I think that you pointed out

NOTE Confidence: 0.759080955555556

00:26:47.465 --> 00:26:49.859 is that all is not lost to that,

NOTE Confidence: 0.759080955555556

00:26:49.860 --> 00:26:51.942 that things are improving and that

NOTE Confidence: 0.759080955555556

00:26:51.942 --> 00:26:54.360 there is still hope and the 2nd is

NOTE Confidence: 0.759080955555556

00:26:54.360 --> 00:26:57.042 about the concept of

NOTE Confidence: 0.759080955555556

00:26:57.042 --> 00:26:59.863 listening to your body and

NOTE Confidence: 0.759080955555556

00:26:59.863 --> 00:27:02.707 trying to find these cancers earlier,

NOTE Confidence: 0.759080955555556

00:27:02.710 --> 00:27:05.335 but a lot of the symptoms that

NOTE Confidence: 0.759080955555556

00:27:05.335 --> 00:27:07.482 you had mentioned earlier are

NOTE Confidence: 0.759080955555556

00:27:07.482 --> 00:27:09.827 things that are really common.

NOTE Confidence: 0.759080955555556

00:27:09.830 --> 00:27:12.658 So is it that people should be

NOTE Confidence: 0.759080955555556

00:27:12.658 --> 00:27:15.214 paying more attention to that when

NOTE Confidence: 0.759080955555556

00:27:15.214 --> 00:27:17.734 they're post menopausal or can

NOTE Confidence: 0.759080955555556

00:27:17.734 --> 00:27:20.238 ovarian cancer occur at any age so

NOTE Confidence: 0.759080955555556

00:27:20.238 --> 00:27:22.489 that you know if you are feeling

NOTE Confidence: 0.759080955555556

00:27:22.489 --> 00:27:24.307 like you are having early satiety

NOTE Confidence: 0.759080955555556

00:27:24.307 --> 00:27:26.532 and that your clothes aren't fitting

NOTE Confidence: 0.759080955555556

00:27:26.532 --> 00:27:28.392 right and you're having bloating

NOTE Confidence: 0.759080955555556

00:27:28.450 --> 00:27:30.282 and so on and that's been going on

NOTE Confidence: 0.759080955555556

00:27:30.282 --> 00:27:32.610 for a couple of weeks but you're

NOTE Confidence: 0.759080955555556

00:27:32.610 --> 00:27:34.088 pre menopausal you should still

NOTE Confidence: 0.759080955555556

00:27:34.088 --> 00:27:36.244 get that checked out or you may

NOTE Confidence: 0.759080955555556

00:27:36.244 --> 00:27:38.212 be feeling like that might be like

NOTE Confidence: 0.759080955555556

00:27:38.212 --> 00:27:40.460 being a bit of a hypochondriac.

NOTE Confidence: 0.759080955555556

00:27:40.460 --> 00:27:42.294 So can you help us with that

NOTE Confidence: 0.874478197058824

00:27:43.150 --> 00:27:44.044 wonderful question.

NOTE Confidence: 0.874478197058824

00:27:44.044 --> 00:27:46.726 So I think it's important to

NOTE Confidence: 0.874478197058824

00:27:46.726 --> 00:27:49.026 remember that the lifetime incidence

NOTE Confidence: 0.874478197058824

00:27:49.026 --> 00:27:51.446 of ovarian cancer is 1.4%,

NOTE Confidence: 0.874478197058824

00:27:51.446 --> 00:27:53.384 which is wonderful.

NOTE Confidence: 0.874478197058824

00:27:53.384 --> 00:27:56.370 So yes, a great majority of women

NOTE Confidence: 0.874478197058824

00:27:56.370 --> 00:27:59.489 who have these symptoms will not have cancer.

NOTE Confidence: 0.874478197058824

00:27:59.490 --> 00:28:02.226 They will only have hormonal changes.

00:28:03.250 --> 00:28:06.310 But women who do develop cancer,

NOTE Confidence: 0.874478197058824

00:28:06.310 --> 00:28:09.350 almost 100% of them say they knew it.

NOTE Confidence: 0.874478197058824

00:28:09.350 --> 00:28:10.358 So that's the key.

NOTE Confidence: 0.874478197058824

00:28:10.358 --> 00:28:12.140 It doesn't matter how old you are,

NOTE Confidence: 0.874478197058824

00:28:12.140 --> 00:28:14.174 doesn't matter what stage of your

00:28:16.400 --> 00:28:18.496 life, you know your body better than anybody else.

NOTE Confidence: 0.874478197058824

00:28:18.500 --> 00:28:21.196 And don't let anybody tell you otherwise.

NOTE Confidence: 0.874478197058824

00:28:21.200 --> 00:28:23.696 If you feel that something is not right,

NOTE Confidence: 0.874478197058824

00:28:23.700 --> 00:28:25.724 you go and you seek help

NOTE Confidence: 0.874478197058824

00:28:25.724 --> 00:28:27.568 see your provider and you have

NOTE Confidence: 0.874478197058824

00:28:27.568 --> 00:28:29.368 a pelvic exam and you just make

NOTE Confidence: 0.874478197058824

00:28:29.368 --> 00:28:30.216 sure that you're being heard.

NOTE Confidence: 0.925856683333333

00:28:30.230 --> 00:28:32.380 Doctor Elena Ratner is

NOTE Confidence: 0.925856683333333

00:28:32.380 --> 00:28:34.100 a professor of obstetrics,

NOTE Confidence: 0.925856683333333

00:28:34.100 --> 00:28:35.828 gynecology and reproductive sciences

NOTE Confidence: 0.925856683333333

00:28:35.828 --> 00:28:38.420 at the Yale School of Medicine.

NOTE Confidence: 0.925856683333333

00:28:38.420 --> 00:28:40.500 If you have questions,

NOTE Confidence: 0.925856683333333

00:28:40.500 --> 00:28:42.517 the address is canceranswers@yale.edu,

NOTE Confidence: 0.925856683333333

00:28:42.517 --> 00:28:45.259 and past editions of the program

NOTE Confidence: 0.925856683333333

00:28:45.259 --> 00:28:47.641 are available in audio and written

NOTE Confidence: 0.925856683333333

00:28:47.641 --> 00:28:48.572 form at yalecancercenter.org.

NOTE Confidence: 0.925856683333333

00:28:48.572 --> 00:28:50.988 We hope you'll join us next week to

NOTE Confidence: 0.925856683333333

00:28:50.988 --> 00:28:52.830 learn more about the fight against

NOTE Confidence: 0.925856683333333

00:28:52.830 --> 00:28:54.660 cancer here on Connecticut Public Radio.

NOTE Confidence: 0.925856683333333

00:28:54.660 --> 00:28:57.396 Funding for Yale Cancer Answers is

NOTE Confidence: 0.925856683333333

00:28:57.396 --> 00:29:00.000 provided by Smilow Cancer Hospital.