WEBVTT

NOTE duration:"00:29:00"

NOTE recognizability:0.771

NOTE language:en-us

NOTE Confidence: 0.808470929090909

00:00:00.000 --> 00:00:02.148 Funding for Yale Cancer Answers is

NOTE Confidence: 0.808470929090909

 $00:00:02.148 \rightarrow 00:00:04.180$ provided by Smilow Cancer Hospital.

NOTE Confidence: 0.79698498

00:00:06.460 --> 00:00:08.698 Welcome to Yale Cancer answers with

NOTE Confidence: 0.79698498

 $00{:}00{:}08{.}698 \dashrightarrow 00{:}00{:}11{.}079$ your host doctor in East Chappar

NOTE Confidence: 0.79698498

 $00{:}00{:}11.080 \dashrightarrow 00{:}00{:}12.960$ Yale Cancer Answers features the

NOTE Confidence: 0.79698498

 $00:00:12.960 \rightarrow 00:00:15.271$ latest information on cancer care by

NOTE Confidence: 0.79698498

 $00{:}00{:}15{.}271$ --> $00{:}00{:}16{.}751$ welcoming on cologists and specialists

NOTE Confidence: 0.79698498

 $00:00:16.751 \longrightarrow 00:00:19.216$ who are on the forefront of the

NOTE Confidence: 0.79698498

 $00:00:19.216 \rightarrow 00:00:20.920$ battle to fight cancer this week.

NOTE Confidence: 0.79698498

 $00{:}00{:}20{.}920 \dashrightarrow 00{:}00{:}23{.}020$ It's a conversation about the care of

NOTE Confidence: 0.79698498

00:00:23.020 --> 00:00:24.829 gynecologic cancers with Doctor Christie.

NOTE Confidence: 0.79698498

00:00:24.830 --> 00:00:27.050 Kim Doctor Kim is an assistant

NOTE Confidence: 0.79698498

 $00:00:27.050 \rightarrow 00:00:28.530$ professor in clinical medicine

00:00:28.597 - > 00:00:30.475 at the Yale School of Medicine,

NOTE Confidence: 0.79698498

 $00:00:30.480 \longrightarrow 00:00:32.860$ where Doctor Chappar is a

NOTE Confidence: 0.79698498

00:00:32.860 --> 00:00:35.320 professor of surgical oncology. So

NOTE Confidence: 0.906597598095238

 $00:00:35.330 \rightarrow 00:00:36.968$ Christy, maybe we can start off by

NOTE Confidence: 0.906597598095238

 $00{:}00{:}36{.}968 \dashrightarrow 00{:}00{:}38{.}605$ you telling us a little bit about

NOTE Confidence: 0.906597598095238

 $00:00:38.605 \rightarrow 00:00:40.120$ yourself and what it is you do.

NOTE Confidence: 0.859881001111111

00:00:41.280 --> 00:00:44.598 So I consider myself as a

NOTE Confidence: 0.859881001111111

 $00{:}00{:}44.598 \dashrightarrow 00{:}00{:}46.257$ General Medical on cologist.

NOTE Confidence: 0.859881001111111

 $00{:}00{:}46.260 \dashrightarrow 00{:}00{:}51.140$ I came as a immigrant from South Korea.

NOTE Confidence: 0.859881001111111

 $00{:}00{:}51{.}140 \dashrightarrow 00{:}00{:}53{.}793$ Unfortunately, I lost my dad from small

NOTE Confidence: 0.859881001111111

 $00:00:53.793 \rightarrow 00:00:56.721$ cell lung cancer during my training year,

NOTE Confidence: 0.859881001111111

 $00:00:56.721 \longrightarrow 00:00:59.727$ so it's been a rough journey.

NOTE Confidence: 0.859881001111111

 $00{:}00{:}59{.}730 \dashrightarrow 00{:}01{:}04{.}208$ Umm? About a month ago I lost my

NOTE Confidence: 0.859881001111111

 $00:01:04.208 \dashrightarrow 00:01:06.808$ sister from El Paso to lung cancer.

NOTE Confidence: 0.859881001111111

 $00:01:06.810 \rightarrow 00:01:09.370$ So it's been a tremendous year in challenges,

NOTE Confidence: 0.859881001111111

 $00:01:09.370 \longrightarrow 00:01:13.618$ but I've seen how the clinical trial impacted

 $00:01:13.620 \rightarrow 00:01:16.968$ somebody's outcome in their cancer journey.

NOTE Confidence: 0.859881001111111

 $00:01:16.970 \dashrightarrow 00:01:20.246$ I've seen the Laratta net that was

NOTE Confidence: 0.859881001111111

 $00:01:20.250 \longrightarrow 00:01:24.321$ she was on as a trial, how it kind

NOTE Confidence: 0.859881001111111

 $00:01:24.321 \longrightarrow 00:01:26.960$ of melted her cancer in her brain.

NOTE Confidence: 0.859881001111111

 $00:01:26.960 \rightarrow 00:01:29.078$ So it was remarkable challenging year,

NOTE Confidence: 0.85988100111111

 $00:01:29.080 \dashrightarrow 00:01:33.624$ but makes you grow as a medical oncologist.

NOTE Confidence: 0.921246915

00:01:34.120 --> 00:01:35.836 Yeah? Well, I'm so sorry to

NOTE Confidence: 0.921246915

 $00:01:35.836 \longrightarrow 00:01:38.790$ hear of your losses, but.

NOTE Confidence: 0.921246915

 $00:01:38.790 \dashrightarrow 00:01:40.580$ I understand that your practice

NOTE Confidence: 0.921246915

00:01:40.580 --> 00:01:42.012 is General Medical oncology,

NOTE Confidence: 0.921246915

 $00:01:42.020 \longrightarrow 00:01:44.348$ but you have a special interest

NOTE Confidence: 0.921246915

 $00{:}01{:}44{.}348 \dashrightarrow 00{:}01{:}45{.}512$ in gynecologic cancers.

NOTE Confidence: 0.921246915

 $00:01:45.520 \rightarrow 00:01:46.159$ Is that right?

NOTE Confidence: 0.885896494

00:01:46.990 $\operatorname{-->}$ 00:01:52.900 Yes, that's my. My passion, I have a.

NOTE Confidence: 0.885896494

00:01:52.900 --> 00:01:56.246 I built up my interest because my

00:01:56.246 --> 00:01:59.207 second job I was hired as mainly.

NOTE Confidence: 0.761953765714286

00:02:01.310 --> 00:02:03.795 Taking care of the gynecologic cancer patient

NOTE Confidence: 0.914549096363636

 $00{:}02{:}04.830 \dashrightarrow 00{:}02{:}07.000$ and so tell us a little bit

NOTE Confidence: 0.914549096363636

 $00:02:07.000 \rightarrow 00:02:08.490$ more about gynecologic cancers.

NOTE Confidence: 0.914549096363636

 $00:02:08.490 \longrightarrow 00:02:11.185$ What type of cancers do you see?

NOTE Confidence: 0.914549096363636

 $00:02:11.190 \rightarrow 00:02:14.165$ What does that entail and and why?

NOTE Confidence: 0.914549096363636

 $00:02:14.170 \longrightarrow 00:02:16.110$ Why was that your passion?

NOTE Confidence: 0.914549096363636

 $00:02:16.110 \longrightarrow 00:02:18.600$ What was it about gynecologic cancers

NOTE Confidence: 0.914549096363636

 $00:02:18.600 \rightarrow 00:02:20.760$ that was particularly special to you?

NOTE Confidence: 0.58482887444445

 $00:02:21.820 \longrightarrow 00:02:24.428$ It saw everything that

NOTE Confidence: 0.58482887444445

 $00:02:24.428 \longrightarrow 00:02:27.688$ kind of packaged into it.

NOTE Confidence: 0.58482887444445

 $00{:}02{:}27.690 \dashrightarrow 00{:}02{:}30.072$ There is a beginning in cancer

NOTE Confidence: 0.584828874444445

 $00{:}02{:}30{.}072 \dashrightarrow 00{:}02{:}32{.}007$ journey and there's an end

NOTE Confidence: 0.584828874444445

 $00:02:32.007 \longrightarrow 00:02:34.094$ and some people their cancer.

NOTE Confidence: 0.58482887444445

 $00:02:34.094 \dashrightarrow 00:02:36.830$ They go into remission and some

NOTE Confidence: 0.58482887444445

 $00:02:36.910 \rightarrow 00:02:38.934$ people they their disease that come

00:02:38.934 --> 00:02:41.230 to you know they're in and you know,

NOTE Confidence: 0.58482887444445

 $00:02:41.230 \dashrightarrow 00:02:44.422$ I think as a medical oncologist there

NOTE Confidence: 0.58482887444445

 $00:02:44.422 \dashrightarrow 00:02:47.879$ are always something that you can do to

NOTE Confidence: 0.58482887444445

 $00:02:47.879 \rightarrow 00:02:50.360$ improve and impact on somebody's life.

NOTE Confidence: 0.584828874444445

00:02:50.360 --> 00:02:54.575 It's a. Provider on cologist I feel I

NOTE Confidence: 0.58482887444445

00:02:54.575 - 00:02:58.470 see that this is a more like a teamwork,

NOTE Confidence: 0.58482887444445

 $00:02:58.470 \longrightarrow 00:03:01.770$ like a multidisciplinary.

NOTE Confidence: 0.58482887444445

00:03:01.770 --> 00:03:05.883 And I see a lot of ovarian cancer patients,

NOTE Confidence: 0.58482887444445

00:03:05.890 - 00:03:08.714 uterine or endometrial cancer.

NOTE Confidence: 0.58482887444445

00:03:08.714 --> 00:03:11.538 And it's a multidisciplinary.

NOTE Confidence: 0.58482887444445

 $00:03:11.540 \longrightarrow 00:03:13.312$ Helping care with the

NOTE Confidence: 0.58482887444445

00:03:13.312 --> 00:03:14.198 gynecological oncologists,

NOTE Confidence: 0.58482887444445

 $00:03:14.200 \longrightarrow 00:03:16.904$ radiation oncologists, nursing staff.

NOTE Confidence: 0.58482887444445

 $00{:}03{:}16{.}904 \dashrightarrow 00{:}03{:}19{.}608$ We have a nutritionist.

NOTE Confidence: 0.58482887444445

 $00:03:19.610 \longrightarrow 00:03:22.650$ We have a social worker.

 $00:03:22.650 \rightarrow 00:03:26.250$ And a survival ship and palliative care team.

NOTE Confidence: 0.58482887444445

 $00{:}03{:}26{.}250 \dashrightarrow 00{:}03{:}27{.}722$ It's a challenging work,

NOTE Confidence: 0.58482887444445

 $00:03:27.722 \longrightarrow 00:03:30.705$ but I think in the end you know

NOTE Confidence: 0.58482887444445

00:03:30.705 -> 00:03:32.262 how we handle somebody's life

NOTE Confidence: 0.58482887444445

 $00:03:32.262 \longrightarrow 00:03:33.306$ in their cancer journey,

NOTE Confidence: 0.58482887444445

 $00:03:33.310 \dashrightarrow 00:03:35.746$ how we can impact their their lives.

NOTE Confidence: 0.58482887444445

00:03:35.750 --> 00:03:38.126 And I think it's such a very gratifying,

NOTE Confidence: 0.58482887444445

00:03:38.130 --> 00:03:39.050 rewarding job.

NOTE Confidence: 0.902868375384615

00:03:39.820 --> 00:03:42.438 Yeah, you know some of the concepts

NOTE Confidence: 0.902868375384615

 $00{:}03{:}42{.}438 \dashrightarrow 00{:}03{:}44{.}784$ that you mentioned in terms of dealing

NOTE Confidence: 0.902868375384615

 $00{:}03{:}44.784 \dashrightarrow 00{:}03{:}46.704$ with a multidisciplinary team and

NOTE Confidence: 0.902868375384615

 $00:03:46.704 \rightarrow 00:03:49.386$ the challenges and so forth are are

NOTE Confidence: 0.902868375384615

 $00{:}03{:}49{.}386 \dashrightarrow 00{:}03{:}51{.}546$ really ubiquitous when we think about

NOTE Confidence: 0.902868375384615

00:03:51.546 - 00:03:54.272 cancers in general, so why you know,

NOTE Confidence: 0.902868375384615

 $00:03:54.272 \rightarrow 00:03:56.720$ with your family history and and

NOTE Confidence: 0.902868375384615

 $00:03:56.813 \rightarrow 00:03:59.213$ you started off by telling us

- NOTE Confidence: 0.902868375384615
- $00{:}03{:}59{.}213 \dashrightarrow 00{:}04{:}01{.}820$ about your dad and your sister
- NOTE Confidence: 0.902868375384615
- $00:04:01.820 \dashrightarrow 00:04:04.676$ who both succumbed to lung cancer.
- NOTE Confidence: 0.902868375384615
- $00{:}04{:}04{.}680 \dashrightarrow 00{:}04{:}06{.}695$ What drew you to gynecologic
- NOTE Confidence: 0.902868375384615
- 00:04:06.695 --> 00:04:07.904 cancers in particular?
- NOTE Confidence: 0.790796552380952
- $00{:}04{:}09{.}080 \dashrightarrow 00{:}04{:}11{.}700$ So I. I saw I was seeing more of the
- NOTE Confidence: 0.790796552380952
- $00:04:11.781 \longrightarrow 00:04:13.711$ kind of ecologic cancer patients
- NOTE Confidence: 0.790796552380952
- 00:04:13.711 --> 00:04:16.380 so you built up your interest.
- NOTE Confidence: 0.790796552380952
- $00:04:16.380 \longrightarrow 00:04:18.000$ You read more about it,
- NOTE Confidence: 0.790796552380952
- 00:04:18.000 --> 00:04:20.058 you engage in and you reach out
- NOTE Confidence: 0.790796552380952
- $00:04:20.058 \rightarrow 00:04:21.679$ some answers and you settle.
- NOTE Confidence: 0.790796552380952
- $00:04:21.680 \longrightarrow 00:04:22.824$ Don't settle for less.
- NOTE Confidence: 0.790796552380952
- $00{:}04{:}22.824 \dashrightarrow 00{:}04{:}24.540$ You always want the challenging part.
- NOTE Confidence: 0.790796552380952
- $00{:}04{:}24{.}540 \dashrightarrow 00{:}04{:}26{.}532$ You want the best treatment for
- NOTE Confidence: 0.790796552380952
- $00{:}04{:}26.532 \dashrightarrow 00{:}04{:}28.541$ all your patients and people who
- NOTE Confidence: 0.790796552380952
- $00{:}04{:}28{.}541 \dashrightarrow 00{:}04{:}30{.}383$ are heavily treated and you want
- NOTE Confidence: 0.790796552380952

 $00:04:30.383 \longrightarrow 00:04:32.302$ to go beyond what's available.

NOTE Confidence: 0.790796552380952

00:04:32.302 --> 00:04:34.038 You won't settle for,

NOTE Confidence: 0.790796552380952

00:04:34.040 --> 00:04:37.308 I think that's really impactful.

NOTE Confidence: 0.790796552380952

 $00:04:37.308 \rightarrow 00:04:40.348$ But patients also motivates you.

NOTE Confidence: 0.790796552380952

 $00{:}04{:}40{.}350 \dashrightarrow 00{:}04{:}42{.}020$ And they really motivate you

NOTE Confidence: 0.790796552380952

 $00{:}04{:}42.020 \dashrightarrow 00{:}04{:}43.690$ to challenge things and kind

NOTE Confidence: 0.790796552380952

 $00:04:43.757 \longrightarrow 00:04:45.049$ of improve and impact.

NOTE Confidence: 0.790796552380952

 $00:04:45.050 \rightarrow 00:04:48.626$ And going back to my sister's cancer journey,

NOTE Confidence: 0.790796552380952

 $00:04:48.630 \longrightarrow 00:04:50.328$ she was on clinical trial drug

NOTE Confidence: 0.790796552380952

 $00:04:50.328 \rightarrow 00:04:52.488$ that was not yet at the approved.

NOTE Confidence: 0.790796552380952

 $00{:}04{:}52{.}490 \dashrightarrow 00{:}04{:}54{.}836$ I've seen how it melts her

NOTE Confidence: 0.790796552380952

 $00{:}04{:}54.836 \dashrightarrow 00{:}04{:}57.763$ cancer in her brain and I think

NOTE Confidence: 0.790796552380952

 $00:04:57.763 \longrightarrow 00:04:59.888$ it's very important that we.

NOTE Confidence: 0.790796552380952

 $00:04:59.890 \longrightarrow 00:05:02.134$ So we want the best really

NOTE Confidence: 0.790796552380952

 $00{:}05{:}02{.}134 \dashrightarrow 00{:}05{:}04{.}156$ effective drug to be available

NOTE Confidence: 0.790796552380952

 $00:05:04.156 \longrightarrow 00:05:08.740$ so that many people can take.

- NOTE Confidence: 0.790796552380952
- 00:05:08.740 --> 00:05:09.697 Get, you know,
- NOTE Confidence: 0.790796552380952
- $00:05:09.697 \rightarrow 00:05:12.440$ benefit from and being able to live longer.
- NOTE Confidence: 0.790796552380952
- $00:05:12.440 \longrightarrow 00:05:14.640$ Being able to improve their
- NOTE Confidence: 0.790796552380952
- $00:05:14.640 \longrightarrow 00:05:17.364$ quality of lives and be able
- NOTE Confidence: 0.790796552380952
- $00{:}05{:}17.364 \dashrightarrow 00{:}05{:}19.044$ to attend their grandchildren's
- NOTE Confidence: 0.790796552380952
- $00:05:19.044 \rightarrow 00:05:20.580$ birthdays and social gatherings.
- NOTE Confidence: 0.790796552380952
- $00:05:20.580 \rightarrow 00:05:24.120$ And that's really meaningful to them,
- NOTE Confidence: 0.790796552380952
- $00{:}05{:}24.120 \dashrightarrow 00{:}05{:}25.620$ I think as on cologists.
- NOTE Confidence: 0.790796552380952
- $00:05:25.620 \longrightarrow 00:05:26.745$ That's really important.
- NOTE Confidence: 0.7239388
- $00:05:28.000 \rightarrow 00:05:30.760$ And so thinking about gynecologic
- NOTE Confidence: 0.7239388
- $00{:}05{:}30.760 \dashrightarrow 00{:}05{:}33.520$ cancers in particular and a
- NOTE Confidence: 0.7239388
- $00{:}05{:}33{.}610 \dashrightarrow 00{:}05{:}37{.}025$ couple of questions, how does the
- NOTE Confidence: 0.7239388
- $00:05:37.025 \rightarrow 00:05:39.165$ prognosis of gynecologic cancers?
- NOTE Confidence: 0.7239388
- $00{:}05{:}39{.}170 \dashrightarrow 00{:}05{:}41{.}225$ Vary when you compare it
- NOTE Confidence: 0.7239388
- $00:05:41.225 \rightarrow 00:05:42.458$ to other malignancies.
- NOTE Confidence: 0.5414428

- $00:05:43.580 \longrightarrow 00:05:44.330$ So.
- NOTE Confidence: 0.6813844431
- 00:05:46.440 --> 00:05:48.776 For example, ovarian cancers.
- NOTE Confidence: 0.6813844431
- $00:05:48.776 \longrightarrow 00:05:51.112$ There's no really effective
- NOTE Confidence: 0.6813844431
- $00:05:51.112 \longrightarrow 00:05:52.280$ screening markers,
- NOTE Confidence: 0.6813844431
- $00:05:52.280 \rightarrow 00:05:57.656$ and because the symptoms are very vague and.
- NOTE Confidence: 0.6813844431
- $00{:}05{:}57.660 \dashrightarrow 00{:}06{:}00.660$ Important part of the.
- NOTE Confidence: 0.6813844431
- $00{:}06{:}00{.}660 \dashrightarrow 00{:}06{:}02{.}810$ The best alchemist to detect
- NOTE Confidence: 0.6813844431
- $00:06:02.810 \longrightarrow 00:06:04.100$ early or prevention.
- NOTE Confidence: 0.6813844431
- $00:06:04.100 \longrightarrow 00:06:06.875$ There is no such effective
- NOTE Confidence: 0.6813844431
- $00:06:06.875 \rightarrow 00:06:09.095$ preventions or screening process,
- NOTE Confidence: 0.6813844431
- $00:06:09.100 \dashrightarrow 00:06:11.380$ and so unfortunately the patients present
- NOTE Confidence: 0.6813844431
- $00:06:11.380 \longrightarrow 00:06:13.919$ with when they are in advanced stage
- NOTE Confidence: 0.6813844431
- $00{:}06{:}13.919 \dashrightarrow 00{:}06{:}16.710$ and where their value is full of cancers.
- NOTE Confidence: 0.6813844431
- $00:06:16.710 \longrightarrow 00:06:20.760$ So this is a challenging part.
- NOTE Confidence: 0.6813844431
- $00:06:20.760 \rightarrow 00:06:24.078$ A certain type of cancers are preventable,
- NOTE Confidence: 0.6813844431
- $00:06:24.080 \longrightarrow 00:06:25.520$ such as like ATB related,

- NOTE Confidence: 0.6813844431
- 00:06:25.520 --> 00:06:27.560 and cervical cancer, for example,
- NOTE Confidence: 0.6813844431
- $00{:}06{:}27.560 \dashrightarrow 00{:}06{:}30.704$ is a number one kind of classic cancer
- NOTE Confidence: 0.6813844431
- $00{:}06{:}30{.}704 \dashrightarrow 00{:}06{:}33{.}350$ worldwide in us it's uterine cancer.
- NOTE Confidence: 0.6813844431
- 00:06:33.350 --> 00:06:35.936 Again, there is a you know screening,
- NOTE Confidence: 0.6813844431
- 00:06:35.936 --> 00:06:37.892 but just kind of don't let
- NOTE Confidence: 0.6813844431
- $00{:}06{:}37{.}892 \dashrightarrow 00{:}06{:}39{.}630$ your symptoms down and just do.
- NOTE Confidence: 0.6813844431
- 00:06:39.630 --> 00:06:40.432 You know,
- NOTE Confidence: 0.6813844431
- $00:06:40.432 \longrightarrow 00:06:42.437$ seek medical help and medical
- NOTE Confidence: 0.6813844431
- $00{:}06{:}42.437 \dashrightarrow 00{:}06{:}44.698$ pensions when you are not right.
- NOTE Confidence: 0.917780522
- 00:06:46.960 --> 00:06:49.494 Yeah, so I mean gynecologic cancers as
- NOTE Confidence: 0.917780522
- 00:06:49.494 --> 00:06:52.124 you point out, is really a spectrum,
- NOTE Confidence: 0.917780522
- $00{:}06{:}52{.}124 \dashrightarrow 00{:}06{:}55{.}089$ and within that spectrum are are things
- NOTE Confidence: 0.917780522
- $00{:}06{:}55{.}089 \dashrightarrow 00{:}06{:}57{.}377$ that are potentially preventable,
- NOTE Confidence: 0.917780522
- $00{:}06{:}57{.}380 \dashrightarrow 00{:}07{:}00{.}770$ like HPV related cervical cancer and
- NOTE Confidence: 0.917780522
- 00:07:00.770 --> 00:07:05.017 other things that are really kind of the NOTE Confidence: 0.917780522

 $00:07:05.017 \dashrightarrow 00:07:07.760$ the silent killer or the silent cancer.

NOTE Confidence: 0.917780522

00:07:07.760 --> 00:07:10.502 Things like ovarian cancer that can

NOTE Confidence: 0.917780522

00:07:10.502 --> 00:07:13.245 present very late where we really

NOTE Confidence: 0.917780522

 $00:07:13.245 \longrightarrow 00:07:15.975$ don't have a good screening and

NOTE Confidence: 0.917780522

 $00:07:15.975 \dashrightarrow 00:07:18.927$ don't really have good prevention.

NOTE Confidence: 0.917780522

 $00:07:18.930 \dashrightarrow 00:07:22.500$ So in thinking about the spectrum NOTE Confidence: 0.917780522

 $00:07:22.500 \rightarrow 00:07:25.445$ of these cancers, and in thinking

NOTE Confidence: 0.917780522

00:07:25.445 --> 00:07:27.370 about your your sister's journey,

NOTE Confidence: 0.917780522

 $00{:}07{:}27.370 \dashrightarrow 00{:}07{:}30.240$ where it seems like you were particularly

NOTE Confidence: 0.917780522

 $00:07:30.240 \longrightarrow 00:07:31.970$ passionate about clinical trials,

NOTE Confidence: 0.917780522

 $00{:}07{:}31{.}970 \dashrightarrow 00{:}07{:}33{.}866$ talk to us a little bit more about

NOTE Confidence: 0.917780522

 $00{:}07{:}33.866 \dashrightarrow 00{:}07{:}36.215$ some of the clinical trials that are

NOTE Confidence: 0.917780522

 $00:07:36.215 \dashrightarrow 00:07:38.025$ ongoing in gynecologic cancers are.

NOTE Confidence: 0.917780522

00:07:38.030 --> 00:07:41.598 Do you find that those are more frequent

NOTE Confidence: 0.917780522

 $00{:}07{:}41.598 \dashrightarrow 00{:}07{:}44.618$ in the more advanced cancers like ovarian?

NOTE Confidence: 0.45364469

 $00:07:45.830 \rightarrow 00:07:53.323$ So our goal are to bring the more powerful,

- NOTE Confidence: 0.45364469
- $00:07:53.323 \rightarrow 00:07:56.062$ effective drug front,
- NOTE Confidence: 0.45364469
- $00:07:56.062 \longrightarrow 00:07:58.414$ because that's the best chance to
- NOTE Confidence: 0.45364469
- $00:07:58.414 \longrightarrow 00:08:00.875$ cure disease or best chance to
- NOTE Confidence: 0.45364469
- 00:08:00.875 00:08:02.890 keep the disease in remissions.
- NOTE Confidence: 0.45364469
- 00:08:02.890 --> 00:08:04.228 Unfortunately, ovarian cancer,
- NOTE Confidence: 0.45364469
- $00{:}08{:}04.228 \dashrightarrow 00{:}08{:}06.552$ or 70% of the cancer relapse
- NOTE Confidence: 0.45364469
- $00:08:06.552 \rightarrow 00:08:08.342$ or recur at later time,
- NOTE Confidence: 0.45364469
- $00{:}08{:}08{.}350 \dashrightarrow 00{:}08{:}10{.}090$ and the progression free
- NOTE Confidence: 0.45364469
- 00:08:10.090 --> 00:08:11.830 subsequent interval for children
- NOTE Confidence: 0.45364469
- $00:08:11.830 \longrightarrow 00:08:13.674$ and shorter and subsequently
- NOTE Confidence: 0.45364469
- $00{:}08{:}13.674 \dashrightarrow 00{:}08{:}15.929$ patient succumb to their disease.
- NOTE Confidence: 0.45364469
- 00:08:15.930 --> 00:08:17.722 So you can imagine you want to
- NOTE Confidence: 0.45364469
- $00:08:17.722 \rightarrow 00:08:19.689$ bring the most effective treatment,
- NOTE Confidence: 0.45364469
- $00:08:19.690 \longrightarrow 00:08:23.074$ so nowadays are with more like
- NOTE Confidence: 0.45364469
- $00:08:23.074 \longrightarrow 00:08:25.330$ a molecular biomarker driven.
- NOTE Confidence: 0.45364469

 $00:08:25.330 \longrightarrow 00:08:27.754$ You want to test the BRACA

NOTE Confidence: 0.45364469

 $00:08:27.754 \rightarrow 00:08:28.966$ mutations for everybody.

NOTE Confidence: 0.45364469

 $00:08:28.970 \longrightarrow 00:08:30.314$ The genetic testing,

NOTE Confidence: 0.45364469

 $00:08:30.314 \rightarrow 00:08:32.554$ regardless of their family history,

NOTE Confidence: 0.45364469

 $00{:}08{:}32{.}560 \dashrightarrow 00{:}08{:}36{.}502$ because there is a powerful effective

NOTE Confidence: 0.45364469

00:08:36.502 --> 00:08:39.206 drug called PARP inhibitor,

NOTE Confidence: 0.45364469

 $00:08:39.210 \longrightarrow 00:08:41.570$ so you don't want to miss that chance,

NOTE Confidence: 0.45364469

 $00:08:41.570 \longrightarrow 00:08:44.525$ and there are combining 2

NOTE Confidence: 0.45364469

 $00{:}08{:}44.525 \dashrightarrow 00{:}08{:}46.264$ immuno
therapy again, I think.

NOTE Confidence: 0.45364469

 $00:08:46.264 \longrightarrow 00:08:48.203$ It's not for one size fits all.

NOTE Confidence: 0.45364469

 $00:08:48.210 \dashrightarrow 00:08:50.826$ I think it's just very personalized.

NOTE Confidence: 0.45364469

 $00:08:50.830 \longrightarrow 00:08:52.354$ You know, manner that.

NOTE Confidence: 0.45364469

 $00:08:52.354 \rightarrow 00:08:55.083$ I think we are getting closer to

NOTE Confidence: 0.45364469

 $00{:}08{:}55{.}083 \dashrightarrow 00{:}08{:}58{.}180$ success treating having patients more cured.

NOTE Confidence: 0.45364469

 $00{:}08{:}58{.}180 \dashrightarrow 00{:}09{:}00{.}808$ And I think we live in an era where

NOTE Confidence: 0.45364469

00:09:00.808 - 00:09:05.320 we're here, myeloma. Colleagues.

- NOTE Confidence: 0.45364469
- 00:09:05.320 --> 00:09:08.280 Seeing cure it's unheard of.

00:09:08.280 --> 00:09:09.112 My training,

NOTE Confidence: 0.45364469

00:09:09.112 --> 00:09:11.608 so I think it's totally encouraging.

NOTE Confidence: 0.45364469

00:09:11.610 --> 00:09:12.590 But again,

NOTE Confidence: 0.45364469

 $00{:}09{:}12.590 \dashrightarrow 00{:}09{:}15.530$ this is a very collaboration to

NOTE Confidence: 0.45364469

 $00:09:15.530 \longrightarrow 00:09:17.460$ and having effective if there's

NOTE Confidence: 0.45364469

 $00:09:17.460 \longrightarrow 00:09:18.900$ a clinical trial available,

NOTE Confidence: 0.45364469

 $00:09:18.900 \dashrightarrow 00:09:21.000$ that's the best chance to move forward.

NOTE Confidence: 0.45364469

 $00{:}09{:}21.000 \dashrightarrow 00{:}09{:}23.592$ That's the best to have the impact on

NOTE Confidence: 0.45364469

 $00:09:23.592 \rightarrow 00:09:25.712$ somebody's life, so have them enrolled.

NOTE Confidence: 0.45364469

 $00:09:25.712 \longrightarrow 00:09:26.816$ Have them screen.

NOTE Confidence: 0.45364469

 $00:09:26.820 \dashrightarrow 00:09:28.794$ We have such a wonderful clinical trial,

NOTE Confidence: 0.45364469

 $00:09:28.800 \longrightarrow 00:09:29.185$ people,

NOTE Confidence: 0.45364469

 $00{:}09{:}29{.}185 \dashrightarrow 00{:}09{:}31{.}110$ they're really willing to work

NOTE Confidence: 0.45364469

 $00:09:31.110 \longrightarrow 00:09:33.748$ with you and we want to do

 $00:09:33.748 \longrightarrow 00:09:35.800$ everything that we can to have

NOTE Confidence: 0.45364469

 $00{:}09{:}35{.}800 \dashrightarrow 00{:}09{:}37{.}568$ impact on some body's life.

NOTE Confidence: 0.45364469

 $00:09:38.310 \longrightarrow 00:09:40.810$ Especially when

NOTE Confidence: 0.89828547

00:09:40.810 --> 00:09:42.830 disease can be very advanced,

NOTE Confidence: 0.89828547

00:09:42.830 --> 00:09:45.038 you know ovarian cancer as we've

NOTE Confidence: 0.89828547

 $00{:}09{:}45{.}038$ --> $00{:}09{:}47{.}102$ talked about previously on the show NOTE Confidence: 0.89828547

 $00:09:47.102 \longrightarrow 00:09:49.198$ is one of these that can sneak up

NOTE Confidence: 0.89828547

 $00:09:49.264 \rightarrow 00:09:51.472$ on people because the the symptoms

NOTE Confidence: 0.89828547

00:09:51.472 --> 00:09:53.864 that people present with are are

NOTE Confidence: 0.89828547

 $00:09:53.864 \rightarrow 00:09:56.149$ generally things that are overlooked.

NOTE Confidence: 0.89828547

 $00:09:56.150 \dashrightarrow 00:09:57.848$ A little bit of abdominal pain,

NOTE Confidence: 0.89828547

00:09:57.850 -> 00:09:58.969 maybe some Constipation.

NOTE Confidence: 0.89828547

00:09:58.969 --> 00:10:01.580 Maybe you know a little bit of

NOTE Confidence: 0.89828547

 $00{:}10{:}01{.}657 \dashrightarrow 00{:}10{:}03{.}557$ bloating and people kind of,

NOTE Confidence: 0.89828547

00:10:03.560 --> 00:10:05.170 you know, put it aside and say,

NOTE Confidence: 0.89828547

 $00:10:05.170 \longrightarrow 00:10:06.546$ Oh well, that's nothing.

 $00:10:06.546 \longrightarrow 00:10:08.610$ And then you know one thing.

NOTE Confidence: 0.89828547

 $00:10:08.610 \longrightarrow 00:10:09.690$ Kind of leads to another,

NOTE Confidence: 0.89828547

 $00:10:09.690 \longrightarrow 00:10:12.497$ and by the time that they actually

NOTE Confidence: 0.89828547

 $00{:}10{:}12{.}497 \dashrightarrow 00{:}10{:}14{.}361$ present they they've presented

NOTE Confidence: 0.89828547

00:10:14.361 -> 00:10:16.309 with quite advanced disease,

NOTE Confidence: 0.89828547

 $00{:}10{:}16{.}310 \dashrightarrow 00{:}10{:}19{.}702$ so you know when you talk about cancer

NOTE Confidence: 0.89828547

 $00:10:19.702 \rightarrow 00:10:22.760$ being biomarker driven and clinical trials.

NOTE Confidence: 0.89828547

 $00{:}10{:}22.760 \dashrightarrow 00{:}10{:}25.133$ Tell us about some of the clinical

NOTE Confidence: 0.89828547

 $00:10:25.133 \rightarrow 00:10:26.603$ trials that you're particularly

NOTE Confidence: 0.89828547

 $00:10:26.603 \rightarrow 00:10:28.907$ excited about that are ongoing now

NOTE Confidence: 0.89828547

 $00:10:28.907 \rightarrow 00:10:31.279$ in the space of ovarian cancer,

NOTE Confidence: 0.89828547

 $00{:}10{:}31.280 \dashrightarrow 00{:}10{:}33.758$ or there are things that you're

NOTE Confidence: 0.89828547

 $00{:}10{:}33.758 \dashrightarrow 00{:}10{:}36.139$ really excited about that might be,

NOTE Confidence: 0.89828547

 $00:10:36.140 \longrightarrow 00:10:36.746$ you know,

NOTE Confidence: 0.89828547

 $00{:}10{:}36.746 \dashrightarrow 00{:}10{:}38.867$ the next the rapy that will melt away.

 $00:10:38.870 \rightarrow 00:10:41.345$ Answer Very much like it did for your sister.

NOTE Confidence: 0.719640063636364

00:10:42.840 --> 00:10:45.885 So to ovarian cancers are you know

NOTE Confidence: 0.719640063636364

00:10:45.885 --> 00:10:48.606 there are many subtype. It's not.

NOTE Confidence: 0.719640063636364

 $00:10:48.606 \rightarrow 00:10:51.070$ One size fits all high grade serous cancers

NOTE Confidence: 0.719640063636364

00:10:51.128 --> 00:10:53.510 are treated differently versus low grade,

NOTE Confidence: 0.719640063636364

 $00:10:53.510 \rightarrow 00:10:56.128$ and they're more and more paper published.

NOTE Confidence: 0.719640063636364

 $00:10:56.130 \rightarrow 00:11:00.002$ We just had a esgo side of comicology

NOTE Confidence: 0.719640063636364

 $00:11:00.002 \rightarrow 00:11:02.858$ oncology annual meetings that clear

NOTE Confidence: 0.719640063636364

00:11:02.858 --> 00:11:05.290 self examples are responsible.

NOTE Confidence: 0.719640063636364

 $00:11:05.290 \longrightarrow 00:11:06.634$ Better to therapy.

NOTE Confidence: 0.719640063636364

 $00:11:06.634 \rightarrow 00:11:08.874$ There's more key risk mutation.

NOTE Confidence: 0.719640063636364

 $00:11:08.880 \longrightarrow 00:11:10.570$ There are two mutations that

NOTE Confidence: 0.719640063636364

 $00:11:10.570 \longrightarrow 00:11:12.260$ are noted in certain type.

NOTE Confidence: 0.719640063636364

 $00:11:12.260 \rightarrow 00:11:13.544$ There's a map.

NOTE Confidence: 0.719640063636364

 $00:11:13.544 \rightarrow 00:11:16.112$ Inhibitor that are really work really

NOTE Confidence: 0.719640063636364

 $00:11:16.112 \rightarrow 00:11:18.686$ effective in low grade serous carcinoma.

 $00{:}11{:}18.690 \dashrightarrow 00{:}11{:}22.218$ So as you can imagine and also there's

NOTE Confidence: 0.719640063636364

 $00:11:22.218 \rightarrow 00:11:25.258$ a mucinous ovarian subtype that respond

NOTE Confidence: 0.719640063636364

 $00{:}11{:}25{.}258 \dashrightarrow 00{:}11{:}28{.}130$ well to GI driven treatment modality.

NOTE Confidence: 0.719640063636364

 $00{:}11{:}28{.}130 \dashrightarrow 00{:}11{:}30{.}930$ So I think knowing up front that you

NOTE Confidence: 0.719640063636364

 $00:11:30.930 \rightarrow 00:11:33.248$ want to know what the patients have

NOTE Confidence: 0.719640063636364

 $00:11:33.248 \rightarrow 00:11:35.587$ so I think it's really important to

NOTE Confidence: 0.719640063636364

00:11:35.587 --> 00:11:38.016 kind of try to stratify and kind

NOTE Confidence: 0.719640063636364

 $00:11:38.020 \rightarrow 00:11:40.870$ of know what their subtypes are.

NOTE Confidence: 0.719640063636364

 $00{:}11{:}40.870 \dashrightarrow 00{:}11{:}42.634$ What are their markers so that

NOTE Confidence: 0.719640063636364

 $00:11:42.634 \rightarrow 00:11:43.810$ we can better serve.

NOTE Confidence: 0.719640063636364

 $00{:}11{:}43.810 \dashrightarrow 00{:}11{:}46.617$ To effective drug that are going to

NOTE Confidence: 0.719640063636364

 $00{:}11{:}46.617 \dashrightarrow 00{:}11{:}49.270$ have an impact on their outcome.

NOTE Confidence: 0.90945954125

 $00{:}11{:}50{.}460 \dashrightarrow 00{:}11{:}53{.}748$ Yeah, so so one can imagine that the

NOTE Confidence: 0.90945954125

 $00{:}11{:}53.748 \dashrightarrow 00{:}11{:}56.229$ clinical trials that are ongoing at

NOTE Confidence: 0.90945954125

 $00{:}11{:}56{.}229 \dashrightarrow 00{:}11{:}59{.}520$ the moment may be directed based on

00:11:59.520 - 00:12:01.390 particular biomarkers. Is that right?

NOTE Confidence: 0.90945954125

 $00{:}12{:}01{.}390 \dashrightarrow 00{:}12{:}03{.}926$ And and are there any that are are

NOTE Confidence: 0.90945954125

 $00:12:03.926 \rightarrow 00:12:06.524$ exciting for you for particular biomarkers?

NOTE Confidence: 0.679418268230769

 $00:12:08.800 \rightarrow 00:12:11.136$ The monoclonal antibody against

NOTE Confidence: 0.679418268230769

00:12:11.136 --> 00:12:14.640 you know 25 and it's actually

NOTE Confidence: 0.679418268230769

00:12:14.741 -> 00:12:18.134 available at Yale as a first line,

NOTE Confidence: 0.679418268230769

 $00:12:18.134 \rightarrow 00:12:20.836$ the exclusion criteria is, if patient,

NOTE Confidence: 0.679418268230769

 $00{:}12{:}20.836 \dashrightarrow 00{:}12{:}23.452$ has a BRACA mutation that disqualifies

NOTE Confidence: 0.679418268230769

 $00:12:23.452 \longrightarrow 00:12:25.472$ because of heart inhibitor is

NOTE Confidence: 0.679418268230769

 $00:12:25.472 \rightarrow 00:12:27.419$ supposed to be more effective,

NOTE Confidence: 0.679418268230769

 $00:12:27.420 \longrightarrow 00:12:28.990$ but these are something that

NOTE Confidence: 0.679418268230769

 $00:12:28.990 \longrightarrow 00:12:31.390$ we want to have a move forward

NOTE Confidence: 0.679418268230769

 $00{:}12{:}31{.}390 \dashrightarrow 00{:}12{:}33{.}646$ and have more people to engage.

NOTE Confidence: 0.679418268230769

 $00:12:33.650 \rightarrow 00:12:35.939$ If it's really effective drug that we

NOTE Confidence: 0.679418268230769

 $00:12:35.939 \rightarrow 00:12:38.688$ want this to be available to everybody.

NOTE Confidence: 0.679418268230769

 $00:12:38.690 \longrightarrow 00:12:42.005$ There is another one that's

- NOTE Confidence: 0.679418268230769
- 00:12:42.005 --> 00:12:43.994 called Antifolate Alpha.
- NOTE Confidence: 0.679418268230769
- 00:12:44.000 --> 00:12:45.570 Antibody, drug conjugates and these
- NOTE Confidence: 0.679418268230769
- $00:12:45.570 \rightarrow 00:12:47.140$ are something that's really we've
- NOTE Confidence: 0.679418268230769
- $00{:}12{:}47.191 \dashrightarrow 00{:}12{:}48.649$ been seeing time and time again.
- NOTE Confidence: 0.679418268230769
- $00:12:48.650 \longrightarrow 00:12:50.852$ For, you know from journal to
- NOTE Confidence: 0.679418268230769
- $00{:}12{:}50.852 \dashrightarrow 00{:}12{:}52.874$ Journal and from national meetings
- NOTE Confidence: 0.679418268230769
- $00{:}12{:}52{.}874 \dashrightarrow 00{:}12{:}54{.}798$ that people are responding.
- NOTE Confidence: 0.679418268230769
- $00:12:54.800 \rightarrow 00:12:56.738$ These are platinum resistant that we
- NOTE Confidence: 0.679418268230769
- $00{:}12{:}56{.}738 \dashrightarrow 00{:}12{:}59{.}049$ really have a really dismal prognosis.
- NOTE Confidence: 0.679418268230769
- $00{:}12{:}59{.}050 \dashrightarrow 00{:}13{:}01{.}795$ And we want this to be bring up and
- NOTE Confidence: 0.679418268230769
- $00:13:01.795 \longrightarrow 00:13:04.280$ to be available for these ladies
- NOTE Confidence: 0.679418268230769
- $00:13:04.280 \longrightarrow 00:13:06.200$ who are suffering from brain cancer.
- NOTE Confidence: 0.679418268230769
- $00{:}13{:}06{.}200 \dashrightarrow 00{:}13{:}06{.}972$ We are.
- NOTE Confidence: 0.679418268230769
- 00:13:06.972 --> 00:13:09.674 Our goal is to keep the brain
- NOTE Confidence: 0.679418268230769
- 00:13:09.674 --> 00:13:12.634 cancer as a more like a chronic
- NOTE Confidence: 0.679418268230769

 $00:13:12.634 \rightarrow 00:13:15.079$ disease where you know they are

NOTE Confidence: 0.679418268230769

00:13:15.080 --> 00:13:16.880 as long as they are on the right

NOTE Confidence: 0.679418268230769

 $00:13:16.880 \rightarrow 00:13:18.228$ medications and they are going to,

NOTE Confidence: 0.679418268230769

00:13:18.230 --> 00:13:18.810 you know,

NOTE Confidence: 0.679418268230769

 $00:13:18.810 \longrightarrow 00:13:21.400$ live long as long as they can and we.

NOTE Confidence: 0.679418268230769

 $00:13:21.400 \longrightarrow 00:13:24.310$ Can mitigate the toxicity and

NOTE Confidence: 0.679418268230769

 $00:13:24.310 \longrightarrow 00:13:26.190$ improve their outcome.

NOTE Confidence: 0.851082618888889

00:13:26.740 --> 00:13:30.100 Yeah yeah. It's so important to really

NOTE Confidence: 0.851082618888889

 $00:13:30.100 \rightarrow 00:13:34.380$ try to tailor therapy for cancer patients,

NOTE Confidence: 0.851082618888889

 $00:13:34.380 \longrightarrow 00:13:37.348$ and the hope really is that we

NOTE Confidence: 0.851082618888889

 $00{:}13{:}37{.}348 \dashrightarrow 00{:}13{:}39{.}979$ we control cancers so that people

NOTE Confidence: 0.851082618888889

 $00:13:39.979 \rightarrow 00:13:42.517$ can go on living their lives.

NOTE Confidence: 0.851082618888889

 $00:13:42.520 \longrightarrow 00:13:43.906$ Well, we're going to take a short

NOTE Confidence: 0.851082618888889

00:13:43.906 --> 00:13:45.209 break for a medical minute,

NOTE Confidence: 0.851082618888889

 $00{:}13{:}45{.}210 \dashrightarrow 00{:}13{:}47{.}114$ but please stay tuned to learn more

NOTE Confidence: 0.851082618888889

 $00:13:47.114 \rightarrow 00:13:49.024$ about the care of gynecologic cancers

00:13:49.024 --> 00:13:51.269 with my guests. Dr Christie Kim.

NOTE Confidence: 0.841114166111111

 $00{:}13{:}51{.}890 \dashrightarrow 00{:}13{:}54{.}134$ Funding for Yale Cancer answers comes

NOTE Confidence: 0.841114166111111

 $00{:}13{:}54{.}134 \dashrightarrow 00{:}13{:}56{.}359$ from Smilow Cancer Hospital with an

NOTE Confidence: 0.841114166111111

 $00:13:56.359 \rightarrow 00:13:58.345$ event focused on nutrition for cancer.

NOTE Confidence: 0.841114166111111

 $00:13:58.350 \rightarrow 00:14:00.810$ Survivorship resented by the Smilo Cancer

NOTE Confidence: 0.841114166111111

 $00{:}14{:}00{.}810 \dashrightarrow 00{:}14{:}04{.}140$ Care Center in Trumbull, April 14th.

NOTE Confidence: 0.841114166111111

 $00:14:04.140 \longrightarrow 00:14:06.730$ Register at yalecancercenter.org or

NOTE Confidence: 0.841114166111111

 $00:14:06.730 \dashrightarrow 00:14:10.900$ email cancer answers at yale.edu.

NOTE Confidence: 0.841114166111111

 $00{:}14{:}10{.}900 \dashrightarrow 00{:}14{:}13{.}786$ The American Cancer Society estimates that

NOTE Confidence: 0.841114166111111

00:14:13.786 --> 00:14:16.304 over 200,000 cases of Melanoma will be

NOTE Confidence: 0.841114166111111

 $00{:}14{:}16{.}304 \dashrightarrow 00{:}14{:}18{.}738$ diagnosed in the United States this year,

NOTE Confidence: 0.841114166111111

 $00{:}14{:}18{.}740 \dashrightarrow 00{:}14{:}21{.}834$ with over 1000 patients in Connecticut alone.

NOTE Confidence: 0.841114166111111

 $00{:}14{:}21{.}840 \dashrightarrow 00{:}14{:}24{.}125$ While Melanoma accounts for only

NOTE Confidence: 0.841114166111111

 $00{:}14{:}24{.}125 \dashrightarrow 00{:}14{:}26{.}628$ about 1% of skin cancer cases,

NOTE Confidence: 0.841114166111111

 $00{:}14{:}26.628 \dashrightarrow 00{:}14{:}29.630$ it causes the most skin cancer deaths,

 $00:14:29.630 \rightarrow 00:14:31.050$ but when detected early,

NOTE Confidence: 0.841114166111111

 $00:14:31.050 \rightarrow 00:14:33.760$ it is easily treated and highly curable.

NOTE Confidence: 0.841114166111111

 $00:14:33.760 \longrightarrow 00:14:35.636$ Clinical trials are currently

NOTE Confidence: 0.841114166111111

 $00:14:35.636 \rightarrow 00:14:37.512$ underway at federally designated

NOTE Confidence: 0.841114166111111

00:14:37.512 --> 00:14:39.109 Comprehensive cancer centers such

NOTE Confidence: 0.841114166111111

 $00{:}14{:}39{.}109 \dashrightarrow 00{:}14{:}41{.}216$ as Yale Cancer Center and its Milo.

NOTE Confidence: 0.841114166111111

 $00:14:41.220 \rightarrow 00:14:43.645$ Cancer Hospital to test innovative

NOTE Confidence: 0.841114166111111

 $00{:}14{:}43.645 \dashrightarrow 00{:}14{:}45.585$ new treatments for Melanoma.

NOTE Confidence: 0.841114166111111

00:14:45.590 --> 00:14:47.774 The goal of the specialized programs

NOTE Confidence: 0.841114166111111

00:14:47.774 --> 00:14:49.944 of research excellence and Skin Cancer

NOTE Confidence: 0.841114166111111

 $00{:}14{:}49{.}944 \dashrightarrow 00{:}14{:}51{.}888$ Grant is to better understand the

NOTE Confidence: 0.841114166111111

 $00{:}14{:}51{.}888 \dashrightarrow 00{:}14{:}54{.}331$ biology of skin cancer where the focus

NOTE Confidence: 0.841114166111111

 $00:14:54.331 \longrightarrow 00:14:56.546$ on discovering targets that will lead

NOTE Confidence: 0.841114166111111

 $00:14:56.546 \rightarrow 00:14:58.926$ to improved diagnosis and treatment.

NOTE Confidence: 0.841114166111111

 $00{:}14{:}58{.}930 \dashrightarrow 00{:}15{:}01{.}970$ More information is available at

NOTE Confidence: 0.841114166111111

00:15:01.970 --> 00:15:03.260 yalecancercenter.org you're listening

- NOTE Confidence: 0.841114166111111
- $00{:}15{:}03.260 \dashrightarrow 00{:}15{:}04.980$ to Connecticut Public Radio.
- NOTE Confidence: 0.836809553333333
- $00{:}15{:}07{.}440 \dashrightarrow 00{:}15{:}09{.}558$ Welcome back to Yale Cancer answers.
- NOTE Confidence: 0.836809553333333
- 00:15:09.560 --> 00:15:12.288 This is Doctor Annise Chapparo and I'm joined
- NOTE Confidence: 0.836809553333333
- $00:15:12.288 \rightarrow 00:15:14.798$ tonight by my guest doctor Christie Kim.
- NOTE Confidence: 0.836809553333333
- $00:15:14.800 \rightarrow 00:15:17.509$ We're learning about the care of patients
- NOTE Confidence: 0.836809553333333
- $00{:}15{:}17.509 \dashrightarrow 00{:}15{:}19.498$ with gynecologic cancers and you know,
- NOTE Confidence: 0.836809553333333
- 00:15:19.500 --> 00:15:21.885 before the break, Christie you
- NOTE Confidence: 0.836809553333333
- 00:15:21.885 --> 00:15:24.856 were talking about how you know you
- NOTE Confidence: 0.836809553333333
- 00:15:24.856 --> 00:15:27.160 really treat a variety of cancers,
- NOTE Confidence: 0.836809553333333
- $00:15:27.160 \longrightarrow 00:15:28.807$ including ovarian cancer.
- NOTE Confidence: 0.836809553333333
- $00:15:28.807 \rightarrow 00:15:33.616$ We talked a little bit about how this tends
- NOTE Confidence: 0.836809553333333
- $00:15:33.616 \dashrightarrow 00:15:37.670$ to present late and how now this is more.
- NOTE Confidence: 0.836809553333333
- $00{:}15{:}37.670 \dashrightarrow 00{:}15{:}41.219$ Biomarker driven and that there are clinical
- NOTE Confidence: 0.836809553333333
- $00{:}15{:}41{.}219 \dashrightarrow 00{:}15{:}44{.}945$ trials that really try to personalize
- NOTE Confidence: 0.836809553333333
- $00{:}15{:}44{.}945 \dashrightarrow 00{:}15{:}47{.}290$ the rapy for patients trying to find
- NOTE Confidence: 0.836809553333333

 $00:15:47.290 \rightarrow 00:15:50.089$ the right drug for the right patients.

NOTE Confidence: 0.836809553333333

 $00:15:50.090 \rightarrow 00:15:53.600$ Cancer taking into consideration the

NOTE Confidence: 0.836809553333333

 $00:15:53.600 \rightarrow 00:15:57.110$ biology of that particular patients

NOTE Confidence: 0.836809553333333

 $00:15:57.110 \rightarrow 00:16:00.920$ cancer I want to kind of take a step back.

NOTE Confidence: 0.836809553333333

 $00{:}16{:}00{.}920 \dashrightarrow 00{:}16{:}03{.}452$ We we had mentioned that gynecologic

NOTE Confidence: 0.836809553333333

 $00{:}16{:}03{.}452 \dashrightarrow 00{:}16{:}06{.}120$ cancer was really a spectrum and

NOTE Confidence: 0.836809553333333

 $00:16:06.120 \longrightarrow 00:16:07.928$ from the very advanced.

NOTE Confidence: 0.836809553333333

 $00:16:07.930 \longrightarrow 00:16:10.231$ Very in cancers,

NOTE Confidence: 0.836809553333333

 $00:16:10.231 \rightarrow 00:16:13.299$ too potentially preventable cancers

NOTE Confidence: 0.836809553333333

 $00{:}16{:}13.300 \dashrightarrow 00{:}16{:}16.670$ talk a little bit about HPV related

NOTE Confidence: 0.836809553333333

 $00:16:16.670 \rightarrow 00:16:19.495$ cervical cancer and you know,

NOTE Confidence: 0.836809553333333

 $00:16:19.500 \rightarrow 00:16:21.714$ have you found that screening has

NOTE Confidence: 0.836809553333333

 $00:16:21.714 \rightarrow 00:16:24.786$ really made a difference in terms of the

NOTE Confidence: 0.836809553333333

 $00{:}16{:}24.786 \dashrightarrow 00{:}16{:}27.078$ management of patients with cervical cancer?

NOTE Confidence: 0.836809553333333

 $00:16:27.080 \rightarrow 00:16:28.512$ So in other words,

NOTE Confidence: 0.836809553333333

 $00:16:28.512 \longrightarrow 00:16:30.660$ are the number of cervical cancer

- NOTE Confidence: 0.836809553333333
- $00:16:30.731 \rightarrow 00:16:33.503$ patients that you see with HPV related
- NOTE Confidence: 0.836809553333333
- $00:16:33.503 \rightarrow 00:16:35.930$ disease decreasing in terms of both
- NOTE Confidence: 0.836809553333333
- $00:16:35.930 \rightarrow 00:16:38.580$ their frequency with which they present?
- NOTE Confidence: 0.836809553333333
- $00:16:38.580 \longrightarrow 00:16:40.390$ With cancer and the severity.
- NOTE Confidence: 0.676151460833333
- 00:16:41.780 --> 00:16:45.652 So in in us as much as the
- NOTE Confidence: 0.676151460833333
- $00:16:45.652 \longrightarrow 00:16:48.560$ vaccines that were promoting,
- NOTE Confidence: 0.676151460833333
- $00:16:48.560 \longrightarrow 00:16:50.036$ which is quite effective,
- NOTE Confidence: 0.676151460833333
- $00:16:50.036 \rightarrow 00:16:54.500$ you know the vaccine rate is so sadly
- NOTE Confidence: 0.676151460833333
- $00:16:54.500 \longrightarrow 00:16:57.120$ low compared to worldwide global.
- NOTE Confidence: 0.676151460833333
- $00:16:57.120 \longrightarrow 00:16:58.278$ So this is a global issue.
- NOTE Confidence: 0.676151460833333
- $00:16:58.280 \longrightarrow 00:17:00.314$ This is also a problem in
- NOTE Confidence: 0.676151460833333
- $00:17:00.314 \longrightarrow 00:17:02.120$ the United States as well,
- NOTE Confidence: 0.676151460833333
- $00:17:02.120 \dashrightarrow 00:17:03.896$ and this is a preventative disease,
- NOTE Confidence: 0.676151460833333
- $00{:}17{:}03{.}900 \dashrightarrow 00{:}17{:}06{.}508$ and so we want to, you know,
- NOTE Confidence: 0.676151460833333
- $00{:}17{:}06{.}508 \dashrightarrow 00{:}17{:}08{.}844$ educate general populations as
- NOTE Confidence: 0.676151460833333

 $00:17:08.844 \rightarrow 00:17:11.720$ the importance of having kids.

NOTE Confidence: 0.676151460833333

 $00{:}17{:}11.720 \dashrightarrow 00{:}17{:}13.784$ Girls and boys and to get

NOTE Confidence: 0.676151460833333

00:17:13.784 --> 00:17:15.160 vaccinated when they're young,

NOTE Confidence: 0.676151460833333

 $00{:}17{:}15{.}160 \dashrightarrow 00{:}17{:}17{.}284$ because that's the word the vaccine

NOTE Confidence: 0.676151460833333

 $00:17:17.284 \longrightarrow 00:17:18.700$ works the most effectively.

NOTE Confidence: 0.897859035

 $00{:}17{:}18.830 \dashrightarrow 00{:}17{:}20.510$ I mean, that would be fantastic,

NOTE Confidence: 0.897859035

 $00{:}17{:}20.510 \dashrightarrow 00{:}17{:}23.798$ but it sounds like what really will be

NOTE Confidence: 0.897859035

 $00{:}17{:}23.798 \dashrightarrow 00{:}17{:}26.778$ required in order to eradicate cervical

NOTE Confidence: 0.897859035

00:17:26.778 --> 00:17:29.886 cancer is to get people vaccinated.

NOTE Confidence: 0.897859035

 $00:17:29.890 \rightarrow 00:17:32.165$ And given the fact that you know,

NOTE Confidence: 0.897859035

 $00:17:32.170 \longrightarrow 00:17:34.774$ I think it's around 1/3 of

NOTE Confidence: 0.897859035

 $00:17:34.774 \rightarrow 00:17:36.510$ eligible patients actually do

NOTE Confidence: 0.897859035

 $00{:}17{:}36{.}588 \dashrightarrow 00{:}17{:}38{.}988$ avail themselves of a vaccines.

NOTE Confidence: 0.897859035

 $00:17:38.990 \rightarrow 00:17:42.260$ We might be a ways off on that are there.

NOTE Confidence: 0.897859035

 $00:17:42.260 \rightarrow 00:17:44.556$ Diet says to how we can do that.

NOTE Confidence: 0.897859035

 $00:17:44.560 \longrightarrow 00:17:46.989$ Any thoughts as to how we can

- NOTE Confidence: 0.897859035
- $00:17:46.989 \longrightarrow 00:17:48.551$ get more people vaccinated
- NOTE Confidence: 0.897859035
- $00:17:48.551 \longrightarrow 00:17:51.190$ to achieve that goal by 2045?
- NOTE Confidence: 0.762415803448276
- 00:17:51.260 --> 00:17:54.316 Definitely, I think as a in in school
- NOTE Confidence: 0.762415803448276
- $00:17:54.316 \rightarrow 00:17:57.347$ program or like a pediatricians and I
- NOTE Confidence: 0.762415803448276
- $00:17:57.347 \rightarrow 00:18:00.593$ think it's something that we should really
- NOTE Confidence: 0.762415803448276
- $00{:}18{:}00{.}593 \dashrightarrow 00{:}18{:}03{.}995$ have a general awareness in this disease.
- NOTE Confidence: 0.762415803448276
- $00{:}18{:}04.000 \dashrightarrow 00{:}18{:}06.808$ Such a preventable and having HPV
- NOTE Confidence: 0.762415803448276
- $00{:}18{:}06{.}808 \dashrightarrow 00{:}18{:}10{.}388$ doesn't mean that the guarantee that the.
- NOTE Confidence: 0.762415803448276
- $00:18:10.390 \longrightarrow 00:18:11.281$ People develop cancer,
- NOTE Confidence: 0.762415803448276
- 00:18:11.281 --> 00:18:13.820 but at least once you get the cancer,
- NOTE Confidence: 0.762415803448276
- $00:18:13.820 \rightarrow 00:18:15.300$ it can be quite deadly.
- NOTE Confidence: 0.762415803448276
- $00:18:15.300 \longrightarrow 00:18:17.980$ So having that education early
- NOTE Confidence: 0.762415803448276
- $00{:}18{:}17{.}980 \dashrightarrow 00{:}18{:}20{.}124$ on through the school.
- NOTE Confidence: 0.762415803448276
- 00:18:20.130 --> 00:18:22.910 I we're aiming, you know,
- NOTE Confidence: 0.762415803448276
- $00:18:22.910 \longrightarrow 00:18:26.090$ school age, you know 910 eleven.
- NOTE Confidence: 0.762415803448276

 $00:18:26.090 \rightarrow 00:18:28.113$ Those are the group of age

NOTE Confidence: 0.762415803448276

 $00{:}18{:}28{.}113 \dashrightarrow 00{:}18{:}30{.}369$ that we start having vaccinations,

NOTE Confidence: 0.762415803448276

 $00:18:30.370 \longrightarrow 00:18:31.760$ and I think it's important

NOTE Confidence: 0.762415803448276

 $00:18:31.760 \longrightarrow 00:18:33.150$ that it comes from school.

NOTE Confidence: 0.762415803448276

 $00:18:33.150 \longrightarrow 00:18:36.650$ You know, teacher, the teacher,

NOTE Confidence: 0.762415803448276

 $00{:}18{:}36{.}650 \dashrightarrow 00{:}18{:}39{.}015$ school, nurses, and pediatricians

NOTE Confidence: 0.762415803448276

 $00:18:39.015 \rightarrow 00:18:40.940$ when they're going through that.

NOTE Confidence: 0.762415803448276

00:18:40.940 --> 00:18:43.210 You know, age, appropriate vaccinations.

NOTE Confidence: 0.762415803448276

 $00{:}18{:}43{.}210 \dashrightarrow 00{:}18{:}45{.}569$ I think it's important to have that

NOTE Confidence: 0.762415803448276

 $00:18:45.569 \rightarrow 00:18:48.058$ work out and educate more people.

NOTE Confidence: 0.85630308

 $00:18:48.290 \longrightarrow 00:18:50.342$ Yeah. And so for the people

NOTE Confidence: 0.85630308

 $00:18:50.342 \longrightarrow 00:18:52.100$ who do present to you.

NOTE Confidence: 0.85630308

 $00:18:52.100 \rightarrow 00:18:54.380$ These days with cervical cancer,

NOTE Confidence: 0.85630308

 $00:18:54.380 \longrightarrow 00:18:56.564$ is it fair to say that the majority

NOTE Confidence: 0.85630308

 $00:18:56.564 \rightarrow 00:18:58.380$ of them are not vaccinated?

NOTE Confidence: 0.787125526285714

 $00:18:59.400 \rightarrow 00:19:01.650$ Unfortunately, Madura that

- NOTE Confidence: 0.787125526285714
- $00:19:01.650 \longrightarrow 00:19:04.650$ people are not vaccinated.
- NOTE Confidence: 0.787125526285714
- $00{:}19{:}04.650 \dashrightarrow 00{:}19{:}07.820$ So and more and more that you want to
- NOTE Confidence: 0.787125526285714
- $00:19:07.820 \longrightarrow 00:19:10.410$ have this to move forward and improve.
- NOTE Confidence: 0.787125526285714
- 00:19:10.410 --> 00:19:12.578 You know vaccinations. Yeah,
- NOTE Confidence: 0.918137115833333
- $00:19:12.870 \rightarrow 00:19:15.014$ do you see any people who are vaccinated
- NOTE Confidence: 0.918137115833333
- $00:19:15.014 \rightarrow 00:19:17.686$ who get cervical cancer? And if so
- NOTE Confidence: 0.918137115833333
- $00:19:17.686 \rightarrow 00:19:20.038$ is their stage at presentation lower
- NOTE Confidence: 0.802473755454546
- 00:19:20.410 --> 00:19:22.918 from? I'm not aware of patients
- NOTE Confidence: 0.802473755454546
- 00:19:22.918 --> 00:19:25.790 who already had a vaccinations,
- NOTE Confidence: 0.802473755454546
- $00:19:25.790 \longrightarrow 00:19:27.150$ but there are, you know,
- NOTE Confidence: 0.802473755454546
- $00{:}19{:}27.150 \dashrightarrow 00{:}19{:}30.276$ it's vaccination is now 100% applications.
- NOTE Confidence: 0.802473755454546
- $00{:}19{:}30{.}276 \dashrightarrow 00{:}19{:}34{.}518$ So then I am not aware of.
- NOTE Confidence: 0.802473755454546
- $00:19:34.520 \dashrightarrow 00:19:36.844$ The number in terms of the statistic,
- NOTE Confidence: 0.8674231508
- 00:19:37.100 --> 00:19:39.020 but I mean it would seem that that
- NOTE Confidence: 0.8674231508
- $00:19:39.020 \longrightarrow 00:19:41.073$ would be very fair that you don't
- NOTE Confidence: 0.8674231508

 $00:19:41.073 \rightarrow 00:19:43.124$ really see anybody who's been vaccinated

NOTE Confidence: 0.8674231508

 $00:19:43.124 \rightarrow 00:19:45.048$ presenting with cervical cancer.

NOTE Confidence: 0.8674231508

 $00{:}19{:}45.050 \dashrightarrow 00{:}19{:}47.226$ I, I believe that.

NOTE Confidence: 0.8674231508

00:19:47.226 --> 00:19:51.278 The HPV vaccine is about 98% effective,

NOTE Confidence: 0.8674231508

 $00:19:51.278 \longrightarrow 00:19:56.648$ so to try to try to find the 2%

NOTE Confidence: 0.8674231508

 $00{:}19{:}56.650 \dashrightarrow 00{:}19{:}59.030$ for whom it may not be effective

NOTE Confidence: 0.8674231508

 $00{:}19{:}59{.}030 \dashrightarrow 00{:}20{:}01{.}210$ would be would be pretty rare.

NOTE Confidence: 0.8674231508

 $00:20:01.210 \longrightarrow 00:20:04.556$ So important to get to get vaccinated

NOTE Confidence: 0.813180626470588

 $00{:}20{:}04.830 \dashrightarrow 00{:}20{:}07.420$ listener, so I think it's important to

NOTE Confidence: 0.813180626470588

 $00{:}20{:}07{.}420 \dashrightarrow 00{:}20{:}10{.}482$ kind of have their listener to hear that

NOTE Confidence: 0.813180626470588

 $00:20:10.482 \rightarrow 00:20:13.278$ you know vaccination is quite effective.

NOTE Confidence: 0.830494877

00:20:13.420 --> 00:20:15.718 Yeah, I mean the other piece

NOTE Confidence: 0.830494877

 $00{:}20{:}15.718 \dashrightarrow 00{:}20{:}17.250$ to the cervical cancer.

NOTE Confidence: 0.830494877

00:20:17.250 --> 00:20:19.500 Story, of course is screening

NOTE Confidence: 0.830494877

 $00:20:19.500 \longrightarrow 00:20:21.300$ and unlike ovarian cancer,

NOTE Confidence: 0.830494877

 $00:20:21.300 \longrightarrow 00:20:22.860$ where there is no screening test,

 $00:20:22.860 \rightarrow 00:20:24.880$ we actually do have screening

NOTE Confidence: 0.830494877

 $00:20:24.880 \longrightarrow 00:20:26.496$ tests for cervical cancer.

NOTE Confidence: 0.830494877

 $00:20:26.500 \longrightarrow 00:20:28.594$ Do you find that that really

NOTE Confidence: 0.830494877

 $00:20:28.594 \longrightarrow 00:20:30.511$ allows you to find cervical

NOTE Confidence: 0.830494877

00:20:30.511 -> 00:20:32.736 cancer at an earlier stage?

NOTE Confidence: 0.830494877

 $00{:}20{:}32{.}740 \dashrightarrow 00{:}20{:}34{.}795$ And how does that impact

NOTE Confidence: 0.830494877

00:20:34.795 - 00:20:35.930 your treatment? Yes,

NOTE Confidence: 0.82763292

 $00{:}20{:}35{.}940 \dashrightarrow 00{:}20{:}39{.}426$ definitely. At age 21 is so.

NOTE Confidence: 0.82763292

00:20:39.430 --> 00:20:41.620 First patients who get you know,

NOTE Confidence: 0.82763292

00:20:41.620 --> 00:20:43.236 start screening.

NOTE Confidence: 0.82763292

 $00:20:43.236 \rightarrow 00:20:46.038$ If you're negative for.

NOTE Confidence: 0.82763292

 $00:20:46.038 \longrightarrow 00:20:48.306$ Then you have or you get

NOTE Confidence: 0.82763292

 $00:20:48.306 \longrightarrow 00:20:50.490$ retested in after three years.

NOTE Confidence: 0.82763292

00:20:50.490 --> 00:20:52.930 So just talk to your

NOTE Confidence: 0.82763292

 $00:20:52.930 \longrightarrow 00:20:54.882$ gynecologist and you know.

 $00:20:54.890 \longrightarrow 00:20:56.445$ We want to detect early

NOTE Confidence: 0.82763292

 $00:20:56.445 \longrightarrow 00:20:58.000$ we want to screen them.

NOTE Confidence: 0.82763292

00:20:58.000 --> 00:20:59.836 Want to get vaccinated early on?

NOTE Confidence: 0.792087215

 $00:21:01.390 \longrightarrow 00:21:03.688$ And the rationale there, of course,

NOTE Confidence: 0.792087215

 $00:21:03.690 \longrightarrow 00:21:06.690$ is that unlike ovarian cancer,

NOTE Confidence: 0.792087215

00:21:06.690 --> 00:21:09.135 where you said you know, for many patients,

NOTE Confidence: 0.792087215

 $00:21:09.135 \longrightarrow 00:21:11.510$ this presents when it's widespread.

NOTE Confidence: 0.792087215

 $00:21:11.510 \longrightarrow 00:21:13.512$ It may be metastatic at the time

NOTE Confidence: 0.792087215

 $00{:}21{:}13.512 \dashrightarrow 00{:}21{:}15.212$ of presentation, there's, you know,

NOTE Confidence: 0.792087215

 $00:21:15.212 \longrightarrow 00:21:17.456$ little that you can really do

NOTE Confidence: 0.792087215

 $00:21:17.456 \longrightarrow 00:21:19.968$ in terms of curative the rapies,

NOTE Confidence: 0.792087215

 $00:21:19.970 \longrightarrow 00:21:24.290$ although we do try to kind of mitigate.

NOTE Confidence: 0.792087215

00:21:24.290 --> 00:21:26.030 The effects of cancer making

NOTE Confidence: 0.792087215

 $00:21:26.030 \longrightarrow 00:21:28.410$ it more of a chronic disease.

NOTE Confidence: 0.792087215

00:21:28.410 --> 00:21:30.435 If you catch cervical cancer

NOTE Confidence: 0.792087215

 $00:21:30.435 \rightarrow 00:21:33.010$ early and you detect it early,

- NOTE Confidence: 0.792087215
- $00:21:33.010 \longrightarrow 00:21:35.265$ it is potentially a highly

00:21:35.265 - 00:21:37.069 treatable and almost curable.

NOTE Confidence: 0.792087215

00:21:37.070 --> 00:21:37.820 Isn't that right?

NOTE Confidence: 0.75801724225

 $00{:}21{:}38{.}110 \dashrightarrow 00{:}21{:}41{.}266$ Yes, so now adays. So there are

NOTE Confidence: 0.75801724225

 $00:21:41.266 \rightarrow 00:21:43.370$ techniques called trachelectomy where

NOTE Confidence: 0.75801724225

 $00:21:43.454 \rightarrow 00:21:46.010$ you can preserve the your uterus.

NOTE Confidence: 0.75801724225

 $00:21:46.010 \rightarrow 00:21:48.964$ So if you especially women in childbearing

NOTE Confidence: 0.75801724225

 $00:21:48.964 \rightarrow 00:21:52.288$ age, can have a baby and they can

NOTE Confidence: 0.75801724225

00:21:52.288 --> 00:21:54.686 have effective treatments, you know.

NOTE Confidence: 0.75801724225

00:21:54.686 --> 00:21:56.998 And preserve their fertility.

NOTE Confidence: 0.75801724225

00:21:57.000 - 00:21:59.996 So the key is to detect early.

NOTE Confidence: 0.75801724225

 $00{:}22{:}00{.}000 \dashrightarrow 00{:}22{:}01{.}928$ That's the potentially curable.

NOTE Confidence: 0.88693085

 $00{:}22{:}02{.}650 \dashrightarrow 00{:}22{:}04{.}720$ So, so we've talked a little

NOTE Confidence: 0.88693085

 $00{:}22{:}04{.}720 \dashrightarrow 00{:}22{:}06{.}100$ bit about ovarian cancer.

NOTE Confidence: 0.88693085

 $00{:}22{:}06{.}100 \dashrightarrow 00{:}22{:}08{.}580$ We've talked a little bit

 $00:22:08.580 \longrightarrow 00:22:10.068$ about cervical cancer.

NOTE Confidence: 0.88693085

00:22:10.070 --> 00:22:12.458 You know, it seems that the

NOTE Confidence: 0.88693085

 $00:22:12.458 \longrightarrow 00:22:15.290$ other big category of of cancers

NOTE Confidence: 0.88693085

 $00:22:15.290 \rightarrow 00:22:17.598$ under the gynecologic cancer

NOTE Confidence: 0.88693085

 $00{:}22{:}17.598$ --> $00{:}22{:}19.906$ umbrella is endometrial cancer.

NOTE Confidence: 0.88693085

00:22:19.910 --> 00:22:22.574 Can you tell us a little bit more

NOTE Confidence: 0.88693085

 $00{:}22{:}22{.}574 \dashrightarrow 00{:}22{:}24.916$ about that and how it presents

NOTE Confidence: 0.88693085

00:22:24.916 --> 00:22:26.508 and and its prognosis?

NOTE Confidence: 0.88693085

00:22:26.510 --> 00:22:27.970 Visa V. The other two.

NOTE Confidence: 0.737718445

 $00{:}22{:}28.660 \dashrightarrow 00{:}22{:}31.300$ So endometrial cancers are

NOTE Confidence: 0.737718445

 $00:22:31.300 \longrightarrow 00:22:35.232$ heterogeneous now because we have the

NOTE Confidence: 0.737718445

 $00:22:35.232 \longrightarrow 00:22:39.360$ TCGA that the cancer Genome Atlas.

NOTE Confidence: 0.737718445

 $00:22:39.360 \longrightarrow 00:22:42.180$ We have more genomic

NOTE Confidence: 0.737718445

 $00{:}22{:}42.180 \dashrightarrow 00{:}22{:}44.860$ subclassifications so there is a.

NOTE Confidence: 0.737718445

 $00:22:44.860 \longrightarrow 00:22:48.790$ But the MSI microsatellite instability high.

NOTE Confidence: 0.737718445

 $00:22:48.790 \rightarrow 00:22:50.430$ There's a Poly mutation there,

 $00:22:50.430 \rightarrow 00:22:53.811$ so copy number, low copy number high.

NOTE Confidence: 0.737718445

00:22:53.811 --> 00:22:55.816 So you can imagine there

NOTE Confidence: 0.737718445

00:22:55.816 - 00:22:57.019 are very heterogeneous.

NOTE Confidence: 0.737718445

00:22:57.020 --> 00:22:58.852 They're very different entities,

NOTE Confidence: 0.737718445

 $00{:}22{:}58.852 \dashrightarrow 00{:}23{:}01.142$ so you cannot categorize you.

NOTE Confidence: 0.737718445

 $00:23:01.150 \longrightarrow 00:23:02.704$ You want to know what the what

NOTE Confidence: 0.737718445

 $00:23:02.704 \longrightarrow 00:23:04.084$ the subtypes are because the

NOTE Confidence: 0.737718445

 $00:23:04.084 \rightarrow 00:23:05.408$ treatment is really important,

NOTE Confidence: 0.737718445

 $00:23:05.410 \longrightarrow 00:23:07.990$ and that's really going to

NOTE Confidence: 0.737718445

 $00:23:07.990 \longrightarrow 00:23:10.054$ impact the patient's outcome.

NOTE Confidence: 0.737718445

 $00{:}23{:}10.060 \dashrightarrow 00{:}23{:}13.750$ For example, high grades serous carcinoma.

NOTE Confidence: 0.737718445

00:23:13.750 --> 00:23:17.205 We know about the 20% exhibit or two

NOTE Confidence: 0.737718445

 $00:23:17.205 \rightarrow 00:23:20.355$ expressions in the study have shown

NOTE Confidence: 0.737718445

 $00{:}23{:}20.355 \dashrightarrow 00{:}23{:}23.544$ that patient having combination with

NOTE Confidence: 0.737718445

 $00:23:23.544 \rightarrow 00:23:26.858$ the CARBO Taxol with the tritus map,

00:23:26.858 --> 00:23:28.940 you know it can impact improve

NOTE Confidence: 0.737718445

00:23:29.009 --> 00:23:30.368 the patient outcome,

NOTE Confidence: 0.737718445

00:23:30.370 --> 00:23:32.445 improve overall survival so you

NOTE Confidence: 0.737718445

 $00:23:32.445 \rightarrow 00:23:34.962$ don't want to miss that opportunity.

NOTE Confidence: 0.737718445

 $00:23:34.962 \rightarrow 00:23:38.370$ You know the time of the molecular testing

NOTE Confidence: 0.737718445

 $00:23:38.448 \rightarrow 00:23:40.490$ is early on at the time of diagnosis.

NOTE Confidence: 0.905380765384615

 $00:23:42.010 \rightarrow 00:23:45.402$ And So what is the prognosis of patients

NOTE Confidence: 0.905380765384615

 $00:23:45.402 \rightarrow 00:23:48.289$ who present with endometrial cancer?

NOTE Confidence: 0.905380765384615

 $00:23:48.290 \longrightarrow 00:23:49.838$ Understanding that there's

NOTE Confidence: 0.905380765384615

 $00:23:49.838 \rightarrow 00:23:50.870$ obviously variability?

NOTE Confidence: 0.905380765384615

 $00:23:50.870 \longrightarrow 00:23:53.845$ But in general, what is the prognosis

NOTE Confidence: 0.905380765384615

 $00{:}23{:}53.845 \ldots > 00{:}23{:}56.167$ of endometrial cancer relative to

NOTE Confidence: 0.905380765384615

 $00:23:56.167 \rightarrow 00:23:58.587$ cervical cancer and ovarian cancer?

NOTE Confidence: 0.506049353385714

 $00{:}23{:}59{.}480 \dashrightarrow 00{:}24{:}03{.}274$ So it depending on the subclipse subtype.

NOTE Confidence: 0.506049353385714

 $00:24:03.280 \longrightarrow 00:24:07.726$ So hybrid the copy number high or high grade

NOTE Confidence: 0.506049353385714

 $00{:}24{:}07{.}726 \dashrightarrow 00{:}24{:}11{.}998$ serous carcinoma or uterine serous carcinoma,

 $00:24:12.000 \rightarrow 00:24:14.808$ it tend to have a poorer you know outcome

NOTE Confidence: 0.506049353385714

 $00:24:14.808 \rightarrow 00:24:17.542$ for prognosis tend to relapse, relapse

NOTE Confidence: 0.506049353385714

 $00:24:17.542 \longrightarrow 00:24:20.794$ and it's more like a multidisciplinary

NOTE Confidence: 0.506049353385714

 $00:24:20.794 \rightarrow 00:24:25.580$ with the radiation to the pelvis and.

NOTE Confidence: 0.506049353385714

 $00:24:25.580 \rightarrow 00:24:28.751$ High dose breaking breaking therapy to

NOTE Confidence: 0.506049353385714

 $00{:}24{:}28{.}751 \dashrightarrow 00{:}24{:}31{.}110$ the vaginal cough because that's the most

NOTE Confidence: 0.506049353385714

 $00:24:31.169 \rightarrow 00:24:33.155$ common area of the local recurrence,

NOTE Confidence: 0.506049353385714

 $00:24:33.160 \longrightarrow 00:24:37.297$ so it's more like a more multidisciplinary.

NOTE Confidence: 0.506049353385714

 $00{:}24{:}37{.}300 \dashrightarrow 00{:}24{:}38{.}815$ And you have a coordination

NOTE Confidence: 0.506049353385714

00:24:38.815 --> 00:24:39.724 just like orchestra.

NOTE Confidence: 0.506049353385714

 $00{:}24{:}39{.}730 \dashrightarrow 00{:}24{:}41{.}424$ You need to kind of have a

NOTE Confidence: 0.506049353385714

 $00{:}24{:}41{.}430 \dashrightarrow 00{:}24{:}43{.}370$ multidisciplinary team to have a

NOTE Confidence: 0.506049353385714

 $00{:}24{:}43.370 \dashrightarrow 00{:}24{:}45.880$ right treatments in the right setting.

NOTE Confidence: 0.898693793125

 $00{:}24{:}46{.}250 \dashrightarrow 00{:}24{:}49{.}015$ Yeah, it seems to me that the

NOTE Confidence: 0.898693793125

 $00{:}24{:}49.015 \dashrightarrow 00{:}24{:}50.963$ whole concept of multidisciplinary

 $00:24:50.963 \rightarrow 00:24:54.767$ care is really something that runs

NOTE Confidence: 0.898693793125

 $00{:}24{:}54.767 \dashrightarrow 00{:}24{:}56.952$ across all gynecologic cancers as

NOTE Confidence: 0.898693793125

 $00{:}24{:}56{.}952 \dashrightarrow 00{:}24{:}59{.}610$ well as all cancers writ large.

NOTE Confidence: 0.898693793125

 $00:24:59.610 \longrightarrow 00:25:01.826$ Do you want to talk a little bit

NOTE Confidence: 0.898693793125

 $00:25:01.826 \longrightarrow 00:25:05.050$ about the team that you have in,

NOTE Confidence: 0.898693793125

 $00:25:05.050 \rightarrow 00:25:07.890$ place it in gynecologic cancers?

NOTE Confidence: 0.898693793125

 $00{:}25{:}07{.}890 \dashrightarrow 00{:}25{:}10{.}020$ In terms of a multidisciplinary

NOTE Confidence: 0.898693793125

 $00:25:10.020 \rightarrow 00:25:12.150$ effort and why that's important.

NOTE Confidence: 0.837686255714286

 $00{:}25{:}13.530 \dashrightarrow 00{:}25{:}16.694$ Yes, because of the as we discussed,

NOTE Confidence: 0.837686255714286

 $00:25:16.700 \rightarrow 00:25:18.878$ the cancers are very heterogeneous and

NOTE Confidence: 0.837686255714286

 $00{:}25{:}18.878 \dashrightarrow 00{:}25{:}21.954$ you want to have the best outcome and you

NOTE Confidence: 0.837686255714286

 $00:25:21.954 \rightarrow 00:25:24.769$ want to have the multi disciplinary team,

NOTE Confidence: 0.837686255714286

00:25:24.770 --> 00:25:26.170 gynecologic oncologist,

NOTE Confidence: 0.837686255714286

00:25:26.170 --> 00:25:28.970 regional oncologist, nursing staff,

NOTE Confidence: 0.837686255714286

 $00:25:28.970 \rightarrow 00:25:34.480$ nursing team, social worker nutritionist?

NOTE Confidence: 0.837686255714286

 $00:25:34.480 \longrightarrow 00:25:38.696$ Healthcare team involved early on again.

- NOTE Confidence: 0.837686255714286
- $00{:}25{:}38.696 \dashrightarrow 00{:}25{:}40.904$ Some women you know they have full of
- NOTE Confidence: 0.837686255714286
- $00:25:40.904 \longrightarrow 00:25:43.249$ their life and you know with the cancer
- NOTE Confidence: 0.837686255714286
- $00:25:43.249 \rightarrow 00:25:45.109$ diagnosis of their life is upside
- NOTE Confidence: 0.837686255714286
- $00:25:45.109 \rightarrow 00:25:46.987$ down and going through this emotion.
- NOTE Confidence: 0.837686255714286
- 00:25:46.990 --> 00:25:48.730 You know social challenges
- NOTE Confidence: 0.837686255714286
- $00:25:48.730 \longrightarrow 00:25:50.035$ and financial toxicity.
- NOTE Confidence: 0.837686255714286
- $00{:}25{:}50{.}040 \dashrightarrow 00{:}25{:}52{.}266$ We all have experienced that and
- NOTE Confidence: 0.837686255714286
- $00:25:52.266 \longrightarrow 00:25:55.510$ in our life as a provider we want
- NOTE Confidence: 0.837686255714286
- $00:25:55.510 \longrightarrow 00:25:58.497$ to provide this best care so that
- NOTE Confidence: 0.837686255714286
- $00:25:58.497 \rightarrow 00:26:01.113$ women are not stressing about their
- NOTE Confidence: 0.837686255714286
- $00:26:01.113 \rightarrow 00:26:04.298$ finances and we have a, you know.
- NOTE Confidence: 0.837686255714286
- 00:26:04.298 --> 00:26:05.754 Mental counselor social worker
- NOTE Confidence: 0.837686255714286
- $00:26:05.754 \rightarrow 00:26:08.324$ who would be able to help as much
- NOTE Confidence: 0.837686255714286
- $00{:}26{:}08{.}324 \dashrightarrow 00{:}26{:}10{.}438$ we can to help them their cancer
- NOTE Confidence: 0.837686255714286
- $00{:}26{:}10.438 \dashrightarrow 00{:}26{:}12.200$ journey as smooth as possible.
- NOTE Confidence: 0.8025217864

 $00:26:12.960 \longrightarrow 00:26:15.330$ Yeah, so I think that

NOTE Confidence: 0.8025217864

 $00{:}26{:}15{.}330 \dashrightarrow 00{:}26{:}17{.}700$ that's a very fair point,

NOTE Confidence: 0.8025217864

 $00:26:17.700 \rightarrow 00:26:20.878$ and in addition to the financial toxicity,

NOTE Confidence: 0.8025217864

 $00:26:20.880 \rightarrow 00:26:23.040$ many of these patients also have

NOTE Confidence: 0.8025217864

 $00:26:23.040 \longrightarrow 00:26:25.974$ to deal with physical toxicity and

NOTE Confidence: 0.8025217864

00:26:25.974 --> 00:26:29.064 side effects of various treatments.

NOTE Confidence: 0.8025217864

00:26:29.070 --> 00:26:31.440 You know, in many cancer centers

NOTE Confidence: 0.8025217864

 $00{:}26{:}31.440 \dashrightarrow 00{:}26{:}33.911$ there is a palliative care team

NOTE Confidence: 0.8025217864

00:26:33.911 --> 00:26:35.547 which isn't really palliative

NOTE Confidence: 0.8025217864

 $00{:}26{:}35{.}547 \dashrightarrow 00{:}26{:}38{.}138$ care in terms of end of life,

NOTE Confidence: 0.8025217864

 $00:26:38.140 \longrightarrow 00:26:40.555$ but also is very important

NOTE Confidence: 0.8025217864

 $00:26:40.555 \rightarrow 00:26:42.970$ in terms of helping with.

NOTE Confidence: 0.8025217864

 $00{:}26{:}42.970 \dashrightarrow 00{:}26{:}45.316$ Side effects and and getting over

NOTE Confidence: 0.8025217864

 $00{:}26{:}45{.}316 \dashrightarrow 00{:}26{:}48{.}073$ some of the physical toxicities of

NOTE Confidence: 0.8025217864

 $00{:}26{:}48.073 \dashrightarrow 00{:}26{:}50.400$ treatment talk a little bit about

NOTE Confidence: 0.8025217864

 $00:26:50.400 \longrightarrow 00:26:52.170$ how palliative care is integrated

 $00:26:52.237 \longrightarrow 00:26:53.728$ into the multidisciplinary

NOTE Confidence: 0.8025217864

 $00:26:53.728 \rightarrow 00:26:55.716$ team and gynecologic cancers.

NOTE Confidence: 0.776032221818182

 $00:26:56.990 \longrightarrow 00:26:59.756$ So it's important to have that

NOTE Confidence: 0.776032221818182

 $00:26:59.756 \rightarrow 00:27:02.240$ penalty care team on board.

NOTE Confidence: 0.776032221818182

 $00:27:02.240 \rightarrow 00:27:04.247$ You know, in the beginning, especially

NOTE Confidence: 0.776032221818182

 $00{:}27{:}04.247 \dashrightarrow 00{:}27{:}06.689$ if it's advanced care advanced disease,

NOTE Confidence: 0.776032221818182

 $00:27:06.690 \rightarrow 00:27:09.672$ you know presentations and patients with

NOTE Confidence: 0.776032221818182

 $00:27:09.672 \rightarrow 00:27:12.889$ incurable disease and people are facing as a,

NOTE Confidence: 0.776032221818182

00:27:12.890 --> 00:27:15.250 you know, lifelong treatment,

NOTE Confidence: 0.776032221818182

00:27:15.250 --> 00:27:17.636 it really impacts somebody's life.

NOTE Confidence: 0.776032221818182

 $00:27:17.636 \rightarrow 00:27:19.792$ And they're not just the patients alone,

NOTE Confidence: 0.776032221818182

 $00{:}27{:}19{.}800 \dashrightarrow 00{:}27{:}22{.}024$ but their families and kind of have their,

NOTE Confidence: 0.776032221818182

 $00:27:22.030 \rightarrow 00:27:22.780$ their, you know,

NOTE Confidence: 0.776032221818182

 $00{:}27{:}22.780 \dashrightarrow 00{:}27{:}25.129$ support that there's A at the end of the day.

NOTE Confidence: 0.776032221818182

 $00{:}27{:}25{.}130 \dashrightarrow 00{:}27{:}27{.}265$ They're always people who are going to.

00:27:27.270 --> 00:27:29.556 Support you, regardless of what stage

NOTE Confidence: 0.776032221818182

 $00{:}27{:}29{.}556 \dashrightarrow 00{:}27{:}32{.}209$ you are in their cancer journey,

NOTE Confidence: 0.776032221818182

 $00{:}27{:}32.210 \dashrightarrow 00{:}27{:}34.595$ I think it's a misnomer that you know the

NOTE Confidence: 0.776032221818182

00:27:34.595 --> 00:27:36.650 palliative care doesn't translate to Hospice.

NOTE Confidence: 0.776032221818182

 $00:27:36.650 \longrightarrow 00:27:37.806$ We're not giving up.

NOTE Confidence: 0.776032221818182

 $00:27:37.806 \longrightarrow 00:27:39.540$ We are supporting as much as

NOTE Confidence: 0.776032221818182

 $00:27:39.599 \longrightarrow 00:27:41.249$ possible to help the relief.

NOTE Confidence: 0.776032221818182

00:27:41.250 --> 00:27:42.938 You know, suffering relief.

NOTE Confidence: 0.776032221818182

00:27:42.938 --> 00:27:44.204 You know toxicity,

NOTE Confidence: 0.776032221818182

 $00:27:44.210 \longrightarrow 00:27:47.497$ and I think it's really educate

NOTE Confidence: 0.776032221818182

 $00{:}27{:}47.497 \dashrightarrow 00{:}27{:}49.459$ the patients you set the stage.

NOTE Confidence: 0.776032221818182

 $00{:}27{:}49{.}460 \dashrightarrow 00{:}27{:}54{.}329$ And as a oncologist to kind of have that you

NOTE Confidence: 0.776032221818182

 $00{:}27{:}54{.}329 \dashrightarrow 00{:}27{:}57{.}424$ know it's holding hands together, it's not.

NOTE Confidence: 0.776032221818182

 $00:27:57.424 \longrightarrow 00:27:59.866$ In Hospice only a part of

NOTE Confidence: 0.776032221818182

 $00{:}27{:}59{.}866 \dashrightarrow 00{:}28{:}01{.}579$ the palliative care team.

NOTE Confidence: 0.776032221818182

 $00:28:01.580 \rightarrow 00:28:04.156$ Does but you know it's a kind embracing.

 $00:28:04.160 \longrightarrow 00:28:05.320$ You know the cancer journey.

NOTE Confidence: 0.776032221818182

 $00:28:05.320 \longrightarrow 00:28:07.460$ I think it's really impactful.

NOTE Confidence: 0.776032221818182

00:28:07.460 --> 00:28:08.567 It's very powerful,

NOTE Confidence: 0.776032221818182

 $00:28:08.567 \rightarrow 00:28:11.150$ like I think it's you know important

NOTE Confidence: 0.776032221818182

 $00{:}28{:}11{.}223 \dashrightarrow 00{:}28{:}13{.}960$ to kind of stress that and we want

NOTE Confidence: 0.776032221818182

 $00:28:13.960 \longrightarrow 00:28:17.020$ to have the patients wish to.

NOTE Confidence: 0.776032221818182

 $00:28:17.020 \rightarrow 00:28:21.079$ How do they want their cancer turned to be?

NOTE Confidence: 0.776032221818182

 $00:28:21.080 \longrightarrow 00:28:23.222$ And some people don't want to

NOTE Confidence: 0.776032221818182

 $00{:}28{:}23{.}222 \dashrightarrow 00{:}28{:}25{.}064$ spend their last through the

NOTE Confidence: 0.776032221818182

 $00:28:25.064 \longrightarrow 00:28:27.664$ end of their cancer life in the

NOTE Confidence: 0.776032221818182

 $00:28:27.664 \rightarrow 00:28:29.374$ intensive care in the hospital.

NOTE Confidence: 0.776032221818182

 $00{:}28{:}29{.}380 \dashrightarrow 00{:}28{:}31{.}936$ So have them people to care.

NOTE Confidence: 0.776032221818182

 $00:28:31.940 \longrightarrow 00:28:32.960$ Spring early on

NOTE Confidence: 0.8759243975

00:28:33.530 --> 00:28:35.744 Doctor Christie Kim is an assistant

NOTE Confidence: 0.8759243975

 $00{:}28{:}35{.}744 \dashrightarrow 00{:}28{:}37{.}220$ professor in clinical medicine

 $00:28:37.277 \longrightarrow 00:28:39.005$ at the Yale School of Medicine.

NOTE Confidence: 0.8759243975

00:28:39.010 - 00:28:40.998 If you have questions,

NOTE Confidence: 0.8759243975

 $00{:}28{:}40{.}998 \dashrightarrow 00{:}28{:}42{.}944$ the address is canceranswers@yale.edu

NOTE Confidence: 0.8759243975

 $00:28:42.944 \rightarrow 00:28:45.668$ and past editions of the program

NOTE Confidence: 0.8759243975

 $00{:}28{:}45.668 \dashrightarrow 00{:}28{:}48.046$ are available in audio and written

NOTE Confidence: 0.8759243975

 $00{:}28{:}48.046 \dashrightarrow 00{:}28{:}48.998$ form at yale cancercenter.org.

NOTE Confidence: 0.8759243975

 $00:28:48.998 \longrightarrow 00:28:51.542$ We hope you'll join us next week to

NOTE Confidence: 0.8759243975

 $00:28:51.542 \rightarrow 00:28:53.483$ learn more about the fight against

NOTE Confidence: 0.8759243975

 $00{:}28{:}53{.}483 \dashrightarrow 00{:}28{:}55{.}048$ cancer here on Connecticut Public

NOTE Confidence: 0.8759243975

 $00{:}28{:}55{.}105 \dashrightarrow 00{:}28{:}56{.}893$ radio funding for Yale Cancer Answers NOTE Confidence: 0.8759243975

00:28:56.893 --> 00:29:00.000 is provided by Smilow Cancer Hospital.