WEBVTT

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

NOTE Confidence: 0.801837488181818

00:00:02.148 --> 00:00:04.180 provided by Smilow Cancer Hospital.

NOTE Confidence: 0.693781148888889

00:00:06.290 --> 00:00:08.565 Welcome to Yale Cancer Answers

NOTE Confidence: 0.693781148888889

00:00:08.565 --> 00:00:10.385 with Doctor Anees Chagpar.

NOTE Confidence: 0.693781148888889

00:00:10.390 --> 00:00:12.170 Yale Cancer Answers features the

NOTE Confidence: 0.693781148888889

00:00:12.170 --> 00:00:13.570 latest information on cancer

NOTE Confidence: 0.693781148888889

00:00:13.570 --> 00:00:15.401 care by welcoming oncologists and

NOTE Confidence: 0.693781148888889

00:00:15.401 --> 00:00:17.537 specialists who are on the forefront

NOTE Confidence: 0.693781148888889

00:00:17.537 --> 00:00:19.430 of the battle to fight cancer.

NOTE Confidence: 0.693781148888889

00:00:19.430 --> 00:00:21.450 This week, it's a conversation

NOTE Confidence: 0.693781148888889

00:00:21.450 --> 00:00:23.066 about breast reconstruction after

NOTE Confidence: 0.693781148888889

00:00:23.066 --> 00:00:24.947 cancer with Doctor Paris Butler.

NOTE Confidence: 0.693781148888889

00:00:24.950 --> 00:00:26.834 Doctor Butler is an associate professor

NOTE Confidence: 0.693781148888889

00:00:26.834 --> 00:00:28.781 in the division of Plastic Surgery

NOTE Confidence: 0.693781148888889

00:00:28.781 --> 00:00:30.689 at the Yale School of Medicine,

NOTE Confidence: 0.693781148888889

00:00:30.690 --> 00:00:32.500 where Doctor Chagpar is a

NOTE Confidence: 0.693781148888889

00:00:32.500 --> 00:00:33.948 professor of surgical oncology.

NOTE Confidence: 0.86462364

00:00:35.290 --> 00:00:37.442 Paris, maybe we can start off by you

NOTE Confidence: 0.86462364

00:00:37.442 --> 00:00:39.389 telling us a little bit more about

NOTE Confidence: 0.86462364

00:00:39.389 --> 00:00:41.200 yourself and what it is you do.

NOTE Confidence: 0.868893317222222

00:00:41.350 --> 00:00:43.758 The vast majority of my practice as a

NOTE Confidence: 0.868893317222222

00:00:43.758 --> 00:00:45.838 plastic and reconstructive surgery is

NOTE Confidence: 0.868893317222222

00:00:45.838 --> 00:00:48.183 in the breast reconstruction space.

NOTE Confidence: 0.868893317222222

00:00:48.190 --> 00:00:50.332 The other majority of my practice

NOTE Confidence: 0.868893317222222

00:00:50.332 --> 00:00:53.010 really is in in body contouring.

NOTE Confidence: 0.868893317222222

00:00:53.010 --> 00:00:55.674 So I work pretty much from the clavicles

NOTE Confidence: 0.868893317222222

00:00:55.674 --> 00:00:58.148 all the way down when it comes to

NOTE Confidence: 0.868893317222222

00:00:58.150 --> 00:00:59.750 restoration of form and function,

NOTE Confidence: 0.868893317222222

00:00:59.750 --> 00:01:00.440 as we like to say.

NOTE Confidence: 0.914734061

00:01:01.610 --> 00:01:04.326 So let's talk a little bit more

NOTE Confidence: 0.914734061

00:01:04.326 --> 00:01:05.490 about breast reconstruction,

NOTE Confidence: 0.914734061

00:01:05.490 --> 00:01:08.910 particularly after a cancer diagnosis.

NOTE Confidence: 0.914734061

00:01:08.910 --> 00:01:10.940 You know, for many women who are

NOTE Confidence: 0.914734061

00:01:10.940 --> 00:01:13.428 faced with a breast cancer diagnosis,

NOTE Confidence: 0.914734061

00:01:13.430 --> 00:01:15.509 that's always a question that they have.

NOTE Confidence: 0.914734061

00:01:15.510 --> 00:01:18.774 Especially if

NOTE Confidence: 0.914734061

00:01:18.774 --> 00:01:22.649 they're faced with the loss of a breast,

NOTE Confidence: 0.914734061

00:01:22.650 --> 00:01:23.910 what will that look like?

NOTE Confidence: 0.914734061

00:01:23.910 --> 00:01:25.130 What will that feel like?

NOTE Confidence: 0.914734061

00:01:25.130 --> 00:01:28.328 How will that impact

NOTE Confidence: 0.914734061

00:01:28.330 --> 00:01:30.314 their sense of femininity,

NOTE Confidence: 0.914734061

00:01:30.314 --> 00:01:32.258 of sexuality, of body image.

NOTE Confidence: 0.914734061

00:01:32.258 --> 00:01:34.470 So talk a little bit about the

NOTE Confidence: 0.914734061

00:01:34.542 --> 00:01:37.446 options that women have for breast

NOTE Confidence: 0.914734061

00:01:37.446 --> 00:01:39.382 reconstruction after a mastectomy.

NOTE Confidence: 0.802477963333333

00:01:39.670 --> 00:01:41.530 It's a great question,

NOTE Confidence: 0.802477963333333

00:01:41.530 --> 00:01:42.994 and it's a broad one and I'll

NOTE Confidence: 0.802477963333333

00:01:42.994 --> 00:01:44.029 probably back up a little bit.

NOTE Confidence: 0.802477963333333

00:01:44.030 --> 00:01:46.982 So the goal of breast

NOTE Confidence: 0.802477963333333

00:01:46.982 --> 00:01:49.467 reconstruction as we say is to kind

NOTE Confidence: 0.802477963333333

00:01:49.467 --> 00:01:51.573 of restore form and function as

NOTE Confidence: 0.802477963333333

00:01:51.573 --> 00:01:53.745 it pertains to the breast mound.

NOTE Confidence: 0.802477963333333

00:01:53.750 --> 00:01:55.790 We as plastic and reconstructive

NOTE Confidence: 0.802477963333333

00:01:55.790 --> 00:01:58.630 surgeons are at least from my purview,

NOTE Confidence: 0.802477963333333

00:01:58.630 --> 00:02:02.162 I love what I do because we get to

NOTE Confidence: 0.802477963333333

00:02:02.162 --> 00:02:04.412 kind of bring some joy hopefully

NOTE Confidence: 0.802477963333333

00:02:04.412 --> 00:02:06.427 to a difficult conversation,

NOTE Confidence: 0.802477963333333

00:02:06.427 --> 00:02:08.511 particularly as it pertains to a recent

NOTE Confidence: 0.802477963333333

00:02:08.511 --> 00:02:10.500 diagnosis of breast cancer.

NOTE Confidence: 0.802477963333333

00:02:10.500 --> 00:02:13.448 So we know in the US about 250,000 new

NOTE Confidence: 0.802477963333333

00:02:13.448 --> 00:02:15.632 breast cancers are diagnosed every year

NOTE Confidence: 0.802477963333333

00:02:15.632 --> 00:02:17.552 that results in about 100,000 mastectomies.

NOTE Confidence: 0.802477963333333

00:02:17.552 --> 00:02:20.240 So when the cancer is of a size

NOTE Confidence: 0.802477963333333

00:02:20.304 --> 00:02:22.248 that it can't be removed locally

NOTE Confidence: 0.802477963333333

00:02:22.248 --> 00:02:24.399 through what we call a lumpectomy,

NOTE Confidence: 0.802477963333333

00:02:24.400 --> 00:02:26.290 then removal of the entire breast

NOTE Confidence: 0.802477963333333

00:02:26.290 --> 00:02:27.887 is indicated or sometimes the

NOTE Confidence: 0.802477963333333

00:02:27.887 --> 00:02:29.267 patient says,

NOTE Confidence: 0.802477963333333

00:02:29.270 --> 00:02:30.950 I've had a cancer in this breast,

NOTE Confidence: 0.802477963333333

00:02:30.950 --> 00:02:33.722 I don't want the chance of a recurrence,

00:02:36.734 --> 00:02:38.992 so I'll have the entire breast removed and a

NOTE Confidence: 0.802477963333333

00:02:38.992 --> 00:02:40.630 prophylactic mastectomy on the other side,

NOTE Confidence: 0.802477963333333

00:02:40.630 --> 00:02:41.846 prophylactic means that there's

NOTE Confidence: 0.802477963333333

00:02:41.846 --> 00:02:43.670 no cancer in that other breast,

NOTE Confidence: 0.802477963333333

00:02:43.670 --> 00:02:45.644 but they're removing it to prevent a

NOTE Confidence: 0.802477963333333

00:02:45.644 --> 00:02:47.830 cancer from ever occurring in the future,

NOTE Confidence: 0.802477963333333

00:02:47.830 --> 00:02:50.038 or at least that's the hope.

NOTE Confidence: 0.802477963333333

00:02:50.040 --> 00:02:51.816 As a plastic and reconstructive surgeon

NOTE Confidence: 0.802477963333333

00:02:51.816 --> 00:02:54.398 that does a lot of breast reconstruction,

NOTE Confidence: 0.802477963333333

00:02:54.400 --> 00:02:56.415 our goal is to reconstruct

NOTE Confidence: 0.802477963333333

00:02:56.415 --> 00:02:59.030 a breast mound. We do about,

NOTE Confidence: 0.802477963333333

00:02:59.030 --> 00:03:01.787 in this country, almost 140,000

NOTE Confidence: 0.802477963333333

00:03:01.787 --> 00:03:03.518 breast reconstruction procedures

NOTE Confidence: 0.802477963333333

00:03:03.518 --> 00:03:05.826 per year.

NOTE Confidence: 0.802477963333333

00:03:05.830 --> 00:03:08.026 That's a big number.

NOTE Confidence: 0.802477963333333

00:03:08.030 --> 00:03:13.080 We think that about 65% of the time in the

NOTE Confidence: 0.802477963333333

00:03:13.080 --> 00:03:14.950 country when a mastectomy is performed,

NOTE Confidence: 0.802477963333333

00:03:14.950 --> 00:03:17.400 a patient will opt for some kind

NOTE Confidence: 0.802477963333333

00:03:17.400 --> 00:03:19.130 of breast reconstruction procedure.

NOTE Confidence: 0.802477963333333

00:03:19.130 --> 00:03:20.818 And that does come,

NOTE Confidence: 0.802477963333333

00:03:20.818 --> 00:03:24.729 as you alluded to, in various forms.

NOTE Confidence: 0.802477963333333

00:03:24.730 --> 00:03:27.327 75% of the time when we perform

NOTE Confidence: 0.802477963333333

00:03:27.327 --> 00:03:28.970 breast reconstruction in the US

NOTE Confidence: 0.802477963333333

00:03:28.970 --> 00:03:31.305 it's an implant based reconstruction

NOTE Confidence: 0.802477963333333

00:03:31.305 --> 00:03:34.320 where we use a prosthetic implant,

NOTE Confidence: 0.802477963333333

00:03:34.320 --> 00:03:36.042 either saline or silicone that we

NOTE Confidence: 0.802477963333333

00:03:36.042 --> 00:03:38.188 implant into the chest wall

NOTE Confidence: 0.802477963333333

00:03:38.188 --> 00:03:39.753 to reconstruct that breast mound.

NOTE Confidence: 0.802477963333333

00:03:39.760 --> 00:03:42.296 And then about 25 to 30% of the

NOTE Confidence: 0.802477963333333

00:03:42.296 --> 00:03:45.152 time we do what we call autologous

NOTE Confidence: 0.802477963333333

00:03:45.152 --> 00:03:47.030 reconstruction where auto is self.

NOTE Confidence: 0.802477963333333

00:03:47.030 --> 00:03:49.379 So we use a different part of the body,

NOTE Confidence: 0.802477963333333

00:03:49.380 --> 00:03:51.228 we remove a part of the body say

NOTE Confidence: 0.802477963333333

00:03:51.228 --> 00:03:52.988 from the abdomen, the thighs,

NOTE Confidence: 0.802477963333333

00:03:52.988 --> 00:03:55.746 the buttocks and we use that tissue

NOTE Confidence: 0.802477963333333

00:03:55.746 --> 00:03:57.107 through microsurgical techniques

NOTE Confidence: 0.802477963333333

00:03:57.107 --> 00:04:00.229 to create a a new breast mound.

NOTE Confidence: 0.802477963333333

00:04:00.230 --> 00:04:02.462 The goal we say is to create a breast

NOTE Confidence: 0.802477963333333

00:04:02.462 --> 00:04:05.017 mound to get patients to look quote unquote,

NOTE Confidence: 0.802477963333333

00:04:05.020 --> 00:04:06.040 normal in clothes.

NOTE Confidence: 0.802477963333333

00:04:06.040 --> 00:04:08.811 I think many of us are proud to

NOTE Confidence: 0.802477963333333

00:04:08.811 --> 00:04:10.988 say that we can get our patients

NOTE Confidence: 0.802477963333333

00:04:10.988 --> 00:04:13.575 to look normal in underwear and

NOTE Confidence: 0.802477963333333

00:04:13.575 --> 00:04:15.460 normal in a bathing suit.

NOTE Confidence: 0.802477963333333

00:04:15.460 --> 00:04:15.674 However,

NOTE Confidence: 0.802477963333333

00:04:15.674 --> 00:04:17.386 as soon as the bathing

NOTE Confidence: 0.802477963333333

00:04:17.386 --> 00:04:19.158 suits is removed or the underwear is removed,

NOTE Confidence: 0.802477963333333

00:04:19.160 --> 00:04:20.468 there's always going to be scars.

NOTE Confidence: 0.802477963333333

00:04:20.470 --> 00:04:22.528 There's no such thing as scarless surgery

NOTE Confidence: 0.802477963333333

00:04:22.528 --> 00:04:25.077 and I don't want to paint a grim picture,

NOTE Confidence: 0.802477963333333

00:04:25.080 --> 00:04:26.949 but I think it's important to

NOTE Confidence: 0.802477963333333

00:04:26.949 --> 00:04:28.122 have that realistic expectation.

00:04:29.020 --> 00:04:31.988 Ao let's dive a little bit

NOTE Confidence: 0.857239067777778

00:04:31.988 --> 00:04:33.818 deeper into these options.

NOTE Confidence: 0.857239067777778

00:04:33.818 --> 00:04:36.605 So what are the things that you consider

NOTE Confidence: 0.857239067777778

00:04:36.605 --> 00:04:39.215 or that patients could consider when

NOTE Confidence: 0.857239067777778

00:04:39.215 --> 00:04:41.419 they're thinking about first of all,

NOTE Confidence: 0.857239067777778

00:04:41.420 --> 00:04:43.580 do I get reconstruction or not?

00:04:46.460 --> 00:04:48.980 It starts with that initial conversation

NOTE Confidence: 0.918379201666667

00:04:48.980 --> 00:04:51.906 with the breast surgeon or the surgical

NOTE Confidence: 0.918379201666667

00:04:51.906 --> 00:04:54.264 oncologist pertaining to what kind of

NOTE Confidence: 0.918379201666667

00:04:54.264 --> 00:04:56.696 cancer surgery they're going to need.

NOTE Confidence: 0.918379201666667

00:04:56.700 --> 00:04:58.684 You know, breast reconstruction

NOTE Confidence: 0.918379201666667

00:04:58.684 --> 00:05:02.192 in my opinion and many others is

NOTE Confidence: 0.918379201666667

00:05:02.192 --> 00:05:04.427 a full continuum of offerings.

NOTE Confidence: 0.918379201666667

00:05:04.430 --> 00:05:05.900 As an example,

NOTE Confidence: 0.918379201666667

00:05:05.900 --> 00:05:08.498 I mentioned the fact that about

NOTE Confidence: 0.918379201666667

00:05:08.500 --> 00:05:09.718 65% of the time a woman will

NOTE Confidence: 0.918379201666667

00:05:09.718 --> 00:05:10.900 opt for breast reconstruction.

NOTE Confidence: 0.918379201666667

00:05:10.900 --> 00:05:13.196 That means 35% of the time in the

NOTE Confidence: 0.918379201666667

00:05:13.196 --> 00:05:15.590 US when a woman has a mastectomy.

NOTE Confidence: 0.918379201666667

00:05:15.590 --> 00:05:17.165 They don't have formal breast

NOTE Confidence: 0.918379201666667

00:05:17.165 --> 00:05:19.200 reconstruction for one reason or another.

NOTE Confidence: 0.918379201666667

00:05:19.200 --> 00:05:20.718 They're either too sick or have

NOTE Confidence: 0.918379201666667

00:05:20.718 --> 00:05:22.134 too many other medical challenges

NOTE Confidence: 0.918379201666667

00:05:22.134 --> 00:05:23.904 that would preclude them from

NOTE Confidence: 0.918379201666667

00:05:23.904 --> 00:05:24.966 getting additional surgery.

NOTE Confidence: 0.918379201666667

00:05:24.970 --> 00:05:26.510 Or they just say, you know what,

NOTE Confidence: 0.918379201666667

00:05:26.510 --> 00:05:28.942 I don't want to go through any additional

NOTE Confidence: 0.918379201666667

00:05:28.942 --> 00:05:31.050 operations to reconstruct breast mounds.

NOTE Confidence: 0.918379201666667

00:05:31.050 --> 00:05:32.550 I'm fine with being closed.

NOTE Confidence: 0.918379201666667

00:05:33.412 --> 00:05:35.998 So our continuum as plastic and

NOTE Confidence: 0.918379201666667

00:05:35.998 --> 00:05:37.556 reconstructive surgeons that work

NOTE Confidence: 0.918379201666667

00:05:37.556 --> 00:05:39.747 and live in this space spans from

NOTE Confidence: 0.918379201666667

00:05:39.747 --> 00:05:42.158 what I call aesthetic flap closures,

NOTE Confidence: 0.918379201666667

00:05:42.160 --> 00:05:43.528 that's for the woman who says,

NOTE Confidence: 0.918379201666667

00:05:43.530 --> 00:05:43.905 listen,

NOTE Confidence: 0.918379201666667

00:05:43.905 --> 00:05:46.155 I don't want reconstructed breast mounds.

NOTE Confidence: 0.918379201666667

00:05:46.160 --> 00:05:47.632 But I don't want to be left behind

NOTE Confidence: 0.918379201666667

00:05:47.632 --> 00:05:49.332 with a lot of redundant skin that

NOTE Confidence: 0.918379201666667

00:05:49.332 --> 00:05:50.612 can get rashes and irritation.

NOTE Confidence: 0.918379201666667

00:05:50.620 --> 00:05:52.608 So can you help the breast surgeon

NOTE Confidence: 0.918379201666667

00:05:52.608 --> 00:05:54.806 in just closing things flat so I can

NOTE Confidence: 0.918379201666667

00:05:54.806 --> 00:05:56.427 either be fitted with an external

NOTE Confidence: 0.918379201666667

00:05:56.427 --> 00:05:58.380 prosthesis or so I can get tattoos

NOTE Confidence: 0.918379201666667

00:05:58.380 --> 00:06:01.832 or no tattoos or just once again to

NOTE Confidence: 0.918379201666667

00:06:01.832 --> 00:06:05.318 avoid that redundancy with excess skin.

NOTE Confidence: 0.918379201666667

00:06:05.320 --> 00:06:07.574 Then you move to more

NOTE Confidence: 0.918379201666667

00:06:07.574 --> 00:06:09.845 formal things like implant based

NOTE Confidence: 0.918379201666667

00:06:09.845 --> 00:06:11.805 reconstruction to flap surgery as we

NOTE Confidence: 0.918379201666667

00:06:11.805 --> 00:06:14.190 like to call it or autologous surgery

NOTE Confidence: 0.918379201666667

00:06:14.190 --> 00:06:16.600 to something that I'm actually

NOTE Confidence: 0.918379201666667

00:06:16.600 --> 00:06:18.916 fairly excited about of late where

NOTE Confidence: 0.918379201666667

00:06:18.916 --> 00:06:21.455 a patient will have a lumpectomy

NOTE Confidence: 0.918379201666667

00:06:21.455 --> 00:06:22.829 and they've always

NOTE Confidence: 0.918379201666667

00:06:22.830 --> 00:06:24.120 had larger breasts and

NOTE Confidence: 0.918379201666667

00:06:24.120 --> 00:06:25.410 they've always wanted a breast

NOTE Confidence: 0.918379201666667

00:06:25.456 --> 00:06:26.548 reduction or breast lift,

NOTE Confidence: 0.918379201666667

00:06:26.550 --> 00:06:28.090 and the silver lining of

NOTE Confidence: 0.918379201666667

00:06:28.090 --> 00:06:29.322 their cancer diagnosis is

NOTE Confidence: 0.918379201666667

00:06:29.330 --> 00:06:31.143 the fact that the breast surgeon

NOTE Confidence: 0.918379201666667

00:06:31.143 --> 00:06:32.685 can do the lumpectomy and then

NOTE Confidence: 0.918379201666667

00:06:32.685 --> 00:06:34.837 I can come in and do a formal

NOTE Confidence: 0.918379201666667

00:06:34.837 --> 00:06:36.593 breast reduction or oncoplastic

NOTE Confidence: 0.918379201666667

00:06:36.593 --> 00:06:38.788 reconstruction and in this circumstance

NOTE Confidence: 0.918379201666667

00:06:38.790 --> 00:06:40.320 actually make their breast maybe

NOTE Confidence: 0.918379201666667

00:06:40.320 --> 00:06:41.544 aesthetically more pleasing than

NOTE Confidence: 0.918379201666667

00:06:41.544 --> 00:06:43.207 they were prior to their diagnosis.

NOTE Confidence: 0.918379201666667

00:06:43.210 --> 00:06:45.778 So the continuum of breast

NOTE Confidence: 0.918379201666667

00:06:45.778 --> 00:06:46.634 reconstruction offerings

NOTE Confidence: 0.918379201666667

00:06:46.640 --> 00:06:49.139 that many of us have in

NOTE Confidence: 0.918379201666667

00:06:49.139 --> 00:06:50.999 our toolkit continues to expand.

NOTE Confidence: 0.932746268

00:06:51.870 --> 00:06:53.770 And so as you mentioned,

NOTE Confidence: 0.932746268

00:06:53.770 --> 00:06:55.936 you know the discussion about whether

NOTE Confidence: 0.932746268

00:06:55.936 --> 00:06:58.606 or not to reconstruct often has to

NOTE Confidence: 0.932746268

00:06:58.606 --> 00:07:00.146 do with patients comorbidities,

NOTE Confidence: 0.932746268

00:07:00.150 --> 00:07:02.509 it might have to do with their

NOTE Confidence: 0.932746268

00:07:02.509 --> 00:07:04.860 cancer with whether or not radiation

NOTE Confidence: 0.932746268

00:07:04.860 --> 00:07:06.970 is expected after the mastectomy.

NOTE Confidence: 0.932746268

00:07:06.970 --> 00:07:09.539 Can you talk a little bit about

NOTE Confidence: 0.932746268

00:07:09.540 --> 00:07:12.090 that interface between

NOTE Confidence: 0.932746268

00:07:12.090 --> 00:07:14.640 radiation and reconstruction and how

NOTE Confidence: 0.932746268

00:07:14.721 --> 00:07:17.864 that kind of plays into your decision

NOTE Confidence: 0.932746268

00:07:17.864 --> 00:07:20.296 to either reconstruct versus not

NOTE Confidence: 0.932746268

00:07:20.296 --> 00:07:22.806 reconstruct immediately versus in a

NOTE Confidence: 0.932746268

00:07:22.806 --> 00:07:25.524 delayed fashion and or the type of

NOTE Confidence: 0.932746268

00:07:25.524 --> 00:07:27.029 reconstruction that you might choose.

NOTE Confidence: 0.86345649

00:07:27.850 --> 00:07:30.170 It's a very good question,

NOTE Confidence: 0.86345649

00:07:30.170 --> 00:07:32.510 and one that could easily

NOTE Confidence: 0.86345649

00:07:32.510 --> 00:07:36.210 go for an hour or more in response.

NOTE Confidence: 0.86345649

00:07:36.210 --> 00:07:38.170 I will say, radiation

NOTE Confidence: 0.86345649

00:07:38.170 --> 00:07:39.346 does complicate things.

NOTE Confidence: 0.86345649

00:07:39.350 --> 00:07:41.485 I tell my patients because I'm very

NOTE Confidence: 0.86345649

00:07:41.485 --> 00:07:43.249 also proudly boarded in general surgery

NOTE Confidence: 0.86345649

00:07:43.249 --> 00:07:45.630 and speak a lot of the cancer language

NOTE Confidence: 0.86345649

00:07:45.630 --> 00:07:47.238 although I'd never overstep

NOTE Confidence: 0.86345649

00:07:47.238 --> 00:07:48.846 my surgical oncology colleagues.

NOTE Confidence: 0.86345649

00:07:48.850 --> 00:07:51.040 But I understand the magnitude

NOTE Confidence: 0.86345649

00:07:51.040 --> 00:07:54.322 of radiation therapy and as a

NOTE Confidence: 0.86345649

00:07:54.322 --> 00:07:56.338 plastic and reconstructive surgeon

NOTE Confidence: 0.86345649

00:07:56.340 --> 00:07:58.860 I understand the fact that radiation

NOTE Confidence: 0.86345649

00:07:58.860 --> 00:08:01.356 is necessary many times for the

NOTE Confidence: 0.86345649

00:08:01.356 --> 00:08:03.206 oncologic or the cancer care,

NOTE Confidence: 0.86345649

00:08:03.210 --> 00:08:05.378 but it's tough on skin and soft tissue.

NOTE Confidence: 0.86345649

00:08:05.380 --> 00:08:06.820 That's just the reality of it.

NOTE Confidence: 0.86345649

00:08:06.820 --> 00:08:08.996 But in light of that we still

NOTE Confidence: 0.86345649

00:08:08.996 --> 00:08:09.540 move forward.

NOTE Confidence: 0.86345649

00:08:09.540 --> 00:08:13.200 So it is my practice that as

NOTE Confidence: 0.86345649

00:08:13.200 --> 00:08:15.300 it pertains to radiation needs,

NOTE Confidence: 0.86345649

00:08:15.300 --> 00:08:17.385 we still will offer patients

NOTE Confidence: 0.86345649

00:08:17.385 --> 00:08:18.219 reconstructive options.

NOTE Confidence: 0.86345649

00:08:18.220 --> 00:08:20.920 Now sometimes that will depend upon

NOTE Confidence: 0.86345649

00:08:20.920 --> 00:08:23.620 when the radiation needs to be given,

NOTE Confidence: 0.86345649

00:08:23.620 --> 00:08:26.330 that impacts the kind of reconstruction

NOTE Confidence: 0.86345649

00:08:26.330 --> 00:08:27.702 that we are offering.

NOTE Confidence: 0.86345649

00:08:27.702 --> 00:08:29.074 So as an example,

NOTE Confidence: 0.86345649

00:08:29.080 --> 00:08:31.192 if a patient has never had

NOTE Confidence: 0.86345649

00:08:31.192 --> 00:08:33.125 radiation before but is going

NOTE Confidence: 0.86345649

00:08:33.125 --> 00:08:35.355 to need radiation after surgery,

NOTE Confidence: 0.86345649

00:08:35.360 --> 00:08:37.264 in my opinion they can still be

NOTE Confidence: 0.86345649

00:08:37.264 --> 00:08:39.180 offered either an implant based

NOTE Confidence: 0.86345649

00:08:39.180 --> 00:08:40.756 reconstruction or an autologous

NOTE Confidence: 0.86345649

00:08:40.756 --> 00:08:41.108 reconstruction.

NOTE Confidence: 0.86345649

00:08:41.108 --> 00:08:44.118 And many times we still do that up front,

NOTE Confidence: 0.86345649

00:08:44.120 --> 00:08:46.432 we still do that at the time

NOTE Confidence: 0.86345649

00:08:46.432 --> 00:08:48.657 of their initial operation.

NOTE Confidence: 0.86345649

00:08:48.657 --> 00:08:50.679 There have been an increase in

NOTE Confidence: 0.86345649

00:08:50.679 --> 00:08:53.001 amounts of of studies that have

NOTE Confidence: 0.86345649

00:08:53.001 --> 00:08:55.220 shown that a woman waking up with

NOTE Confidence: 0.86345649

00:08:55.220 --> 00:08:56.340 a breast mound

NOTE Confidence: 0.86345649

00:08:56.340 --> 00:08:58.556 has significantly improved psychological,

NOTE Confidence: 0.86345649

00:08:58.556 --> 00:08:59.110 social,

NOTE Confidence: 0.86345649

00:08:59.110 --> 00:09:00.834 emotional and functional improvement

NOTE Confidence: 0.86345649

00:09:00.834 --> 00:09:02.989 rather than being closed flat,

NOTE Confidence: 0.86345649

00:09:02.990 --> 00:09:04.310 going through the process and then

NOTE Confidence: 0.86345649

00:09:04.310 --> 00:09:06.260 trying to get a delayed reconstruction.

NOTE Confidence: 0.86345649

00:09:06.260 --> 00:09:07.382 That being said,

NOTE Confidence: 0.86345649

00:09:07.382 --> 00:09:10.000 we do have a subset of patients

NOTE Confidence: 0.86345649

00:09:10.083 --> 00:09:13.030 that have to get radiation very

NOTE Confidence: 0.86345649

00:09:13.030 --> 00:09:15.339 quickly after their mastectomy and

NOTE Confidence: 0.86345649

00:09:15.339 --> 00:09:18.237 in those instances we would almost

NOTE Confidence: 0.86345649

00:09:18.237 --> 00:09:20.152 always delay their reconstruction

NOTE Confidence: 0.86345649

00:09:20.152 --> 00:09:22.507 until they are have completed

NOTE Confidence: 0.86345649

00:09:22.507 --> 00:09:23.920 their oncologic care,

NOTE Confidence: 0.86345649

00:09:23.920 --> 00:09:25.830 which would be both chemotherapy

NOTE Confidence: 0.86345649

00:09:25.830 --> 00:09:26.976 and radiation therapy.

NOTE Confidence: 0.86345649

00:09:26.980 --> 00:09:28.915 We can't do the reconstruction

NOTE Confidence: 0.86345649

00:09:28.915 --> 00:09:31.419 until they are at a minimum a year,

NOTE Confidence: 0.86345649

00:09:31.420 --> 00:09:33.548 some would say a year and a half

NOTE Confidence: 0.86345649

00:09:33.548 --> 00:09:36.168 to two years out from their last

NOTE Confidence: 0.86345649

00:09:36.168 --> 00:09:38.183 radiation dose, once again because

NOTE Confidence: 0.86345649

00:09:38.253 --> 00:09:40.545 that surrounding area is so

NOTE Confidence: 0.86345649

00:09:40.545 --> 00:09:42.848 fibrous and sometimes still so,

NOTE Confidence: 0.86345649

00:09:42.848 --> 00:09:44.384 so inflamed and recovering

NOTE Confidence: 0.86345649

00:09:44.384 --> 00:09:45.536 from the radiation.

NOTE Confidence: 0.86345649

00:09:45.540 --> 00:09:47.275 I hope I somewhat answered,

NOTE Confidence: 0.86345649

00:09:47.275 --> 00:09:48.663 it's a complex question.

NOTE Confidence: 0.837940465875

00:09:48.720 --> 00:09:51.432 Yeah it is a complex question and I

NOTE Confidence: 0.837940465875

00:09:51.432 --> 00:09:54.088 I wanted our audience to kind of get

NOTE Confidence: 0.837940465875

00:09:54.088 --> 00:09:57.129 a sense of the nuances that play

NOTE Confidence: 0.837940465875

00:09:57.130 --> 00:09:59.720 into the decisions that go

NOTE Confidence: 0.837940465875

00:09:59.720 --> 00:10:01.274 into breast reconstruction.

NOTE Confidence: 0.837940465875

00:10:01.280 --> 00:10:03.792 The next decision point of course is do

NOTE Confidence: 0.837940465875

00:10:03.792 --> 00:10:06.495 I do an implant based reconstruction or

NOTE Confidence: 0.837940465875

00:10:06.495 --> 00:10:09.640 do I do an autologous reconstruction.

NOTE Confidence: 0.837940465875

00:10:09.640 --> 00:10:11.554 Can you talk us through

NOTE Confidence: 0.837940465875

00:10:11.554 --> 00:10:13.730 how you talk to patients about

NOTE Confidence: 0.837940465875

00:10:13.795 --> 00:10:16.063 that in terms of the advantages and

NOTE Confidence: 0.837940465875

00:10:16.063 --> 00:10:18.180 disadvantages of each and which might be

NOTE Confidence: 0.837940465875

00:10:18.180 --> 00:10:20.220 best suited for which kind of patient?

NOTE Confidence: 0.809729312

00:10:21.480 --> 00:10:23.490 Yes, it's a another very,

NOTE Confidence: 0.809729312

00:10:23.490 --> 00:10:24.750 very good question.

NOTE Confidence: 0.809729312

00:10:24.750 --> 00:10:26.718 And I'm kind

NOTE Confidence: 0.809729312

00:10:26.718 --> 00:10:28.106 of putting a plug in for the

NOTE Confidence: 0.809729312

00:10:28.106 --> 00:10:29.476 American Board of Plastic Surgery.

NOTE Confidence: 0.809729312

00:10:29.480 --> 00:10:30.615 But I think it's really

NOTE Confidence: 0.809729312

00:10:30.615 --> 00:10:32.130 important and it can't be missed.

NOTE Confidence: 0.809729312

00:10:32.130 --> 00:10:33.768 And I get these calls from loved

NOTE Confidence: 0.809729312

00:10:33.768 --> 00:10:35.726 ones and friends of loved ones

NOTE Confidence: 0.809729312

00:10:35.726 --> 00:10:37.532 around the country about finding and

NOTE Confidence: 0.809729312

00:10:37.590 --> 00:10:39.410 identifying a plastic surgeon to

NOTE Confidence: 0.809729312

00:10:39.410 --> 00:10:41.230 carry out their reconstructive needs.

NOTE Confidence: 0.809729312

00:10:41.230 --> 00:10:42.952 And I would say ensuring that

NOTE Confidence: 0.809729312

00:10:42.952 --> 00:10:44.801 you have a board certified

NOTE Confidence: 0.809729312

00:10:44.801 --> 00:10:46.205 plastic surgeon is really,

NOTE Confidence: 0.809729312

00:10:46.210 --> 00:10:49.018 really important and once again

NOTE Confidence: 0.809729312

00:10:49.018 --> 00:10:50.554 that cannot be over emphasized.

NOTE Confidence: 0.809729312

00:10:50.554 --> 00:10:52.150 Just go to the American Board

NOTE Confidence: 0.809729312

00:10:52.204 --> 00:10:53.488 of Plastic Surgery website.

NOTE Confidence: 0.809729312

00:10:53.490 --> 00:10:55.219 You can type in the surgeon's name

NOTE Confidence: 0.809729312

00:10:55.219 --> 00:10:57.082 just to ensure that they've

NOTE Confidence: 0.809729312

00:10:57.082 --> 00:10:58.852 gone through the appropriate

NOTE Confidence: 0.809729312

00:10:58.852 --> 00:11:00.016 rather rigorous accreditation

NOTE Confidence: 0.809729312

00:11:00.016 --> 00:11:02.036 process to become board certified.

NOTE Confidence: 0.809729312

00:11:02.040 --> 00:11:04.640 Next I would say when you meet with

NOTE Confidence: 0.809729312

00:11:04.640 --> 00:11:06.908 that plastic and reconstructive surgeon

NOTE Confidence: 0.809729312

00:11:06.908 --> 00:11:09.776 making sure he or she is willing to

NOTE Confidence: 0.809729312

00:11:09.776 --> 00:11:11.854 have the conversation of the

NOTE Confidence: 0.809729312

00:11:11.854 --> 00:11:13.819 full array of reconstructive options.

NOTE Confidence: 0.809729312

00:11:13.820 --> 00:11:15.431 If you happen to go into an office and

NOTE Confidence: 0.809729312

00:11:15.431 --> 00:11:16.907 the plastic and reconstructive

NOTE Confidence: 0.809729312

00:11:16.907 --> 00:11:18.467 surgeon is immediately pointing to

NOTE Confidence: 0.809729312

00:11:18.467 --> 00:11:19.915 implant based reconstruction and doesn't

NOTE Confidence: 0.809729312

00:11:19.915 --> 00:11:21.907 talk about flap surgery or vice versa,

NOTE Confidence: 0.809729312

00:11:21.907 --> 00:11:23.989 just wants to talk about flap

NOTE Confidence: 0.809729312

00:11:23.989 --> 00:11:26.117 surgery and not implant based

NOTE Confidence: 0.809729312

00:11:26.117 --> 00:11:28.647 reconstruction without giving the full

NOTE Confidence: 0.809729312

00:11:28.650 --> 00:11:30.698 menu as I like to say

NOTE Confidence: 0.809729312

00:11:30.698 --> 00:11:33.077 and then having a real shared

NOTE Confidence: 0.809729312

00:11:33.077 --> 00:11:34.427 decision making experience,

NOTE Confidence: 0.809729312

00:11:34.430 --> 00:11:37.430 I think that can be problematic and

NOTE Confidence: 0.809729312

00:11:37.430 --> 00:11:40.487 it's likely a time to get a second opinion.

NOTE Confidence: 0.809729312

00:11:40.490 --> 00:11:42.178 So when it comes to the different options,

00:11:42.702 --> 00:11:44.529 I've kind of given the two buckets

NOTE Confidence: 0.809729312

00:11:44.529 --> 00:11:46.129 of implant based reconstruction

NOTE Confidence: 0.809729312

00:11:46.129 --> 00:11:47.407 and flap surgery.

NOTE Confidence: 0.809729312

00:11:47.410 --> 00:11:50.260 I give the patients the good,

NOTE Confidence: 0.809729312

00:11:50.260 --> 00:11:52.404 the bad and the indifferent on both and

NOTE Confidence: 0.809729312

00:11:52.404 --> 00:11:54.480 there are pluses and minuses to both.

NOTE Confidence: 0.809729312

00:11:54.480 --> 00:11:56.270 So for implant based reconstruction

NOTE Confidence: 0.809729312

00:11:56.270 --> 00:11:59.672 it tends to be a little bit of an

NOTE Confidence: 0.809729312

00:11:59.672 --> 00:12:01.982 easier faster recovery for the patient.

NOTE Confidence: 0.809729312

00:12:01.990 --> 00:12:04.025 That initial operation with

NOTE Confidence: 0.809729312

00:12:04.025 --> 00:12:05.653 implant based reconstruction more

NOTE Confidence: 0.809729312

00:12:05.653 --> 00:12:07.811 times than not it's done in two

NOTE Confidence: 0.809729312

00:12:07.811 --> 00:12:09.743 stages where the breast surgeon or

NOTE Confidence: 0.809729312

00:12:09.743 --> 00:12:11.608 the surgical oncologist performs a

NOTE Confidence: 0.809729312

00:12:11.608 --> 00:12:13.918 mastectomy and then we put in this

NOTE Confidence: 0.809729312

00:12:13.918 --> 00:12:15.403 device called a tissue expander.

NOTE Confidence: 0.809729312

00:12:15.410 --> 00:12:17.426 That tissue expander is a kind of a place holder

NOTE Confidence: 0.809729312

00:12:17.430 --> 00:12:19.894 for a couple weeks and then as

NOTE Confidence: 0.809729312

00:12:19.894 --> 00:12:22.400 the patient starts to heal in the office,

NOTE Confidence: 0.809729312

00:12:22.400 --> 00:12:24.338 the patient returns every other week

NOTE Confidence: 0.809729312

00:12:24.338 --> 00:12:26.556 and we slowly start to fill that

NOTE Confidence: 0.809729312

00:12:26.556 --> 00:12:28.284 tissue expander to get the patient

NOTE Confidence: 0.809729312

00:12:28.284 --> 00:12:30.612 to the size that they desire and

NOTE Confidence: 0.809729312

00:12:30.612 --> 00:12:32.323 as surgeons are comfortable with.

NOTE Confidence: 0.809729312

00:12:32.323 --> 00:12:34.681 And then about once we've gotten

NOTE Confidence: 0.809729312

00:12:34.681 --> 00:12:36.400 them to size about,

NOTE Confidence: 0.809729312

00:12:36.400 --> 00:12:38.738 I would say that takes about two

NOTE Confidence: 0.809729312

00:12:38.738 --> 00:12:39.740 to three months,

NOTE Confidence: 0.809729312

00:12:39.740 --> 00:12:41.900 we go back for a second operation which

NOTE Confidence: 0.809729312

00:12:41.900 --> 00:12:43.720 is actually a pretty quick operation,

NOTE Confidence: 0.809729312

00:12:43.720 --> 00:12:44.866 maybe an hour and a half,

NOTE Confidence: 0.809729312

00:12:44.870 --> 00:12:46.712 two hour operation where we take

NOTE Confidence: 0.809729312

00:12:46.712 --> 00:12:47.940 out that tissue expander.

NOTE Confidence: 0.809729312

00:12:47.940 --> 00:12:50.600 When we put in the soft implant.

NOTE Confidence: 0.809729312

00:12:50.600 --> 00:12:52.480 It's a process.

NOTE Confidence: 0.809729312

00:12:52.480 --> 00:12:53.768 It takes two to three months to

NOTE Confidence: 0.809729312

00:12:53.768 --> 00:12:54.570 to go through that.

NOTE Confidence: 0.809729312

00:12:54.570 --> 00:12:55.767 But once again,

NOTE Confidence: 0.809729312

00:12:55.767 --> 00:12:57.363 we've gotten outstanding results

NOTE Confidence: 0.809729312

00:12:57.363 --> 00:13:00.323 and we have a lot of control in

NOTE Confidence: 0.809729312

00:13:00.323 --> 00:13:02.018 that setting with flap surgery.

NOTE Confidence: 0.809729312

00:13:02.020 --> 00:13:04.156 The up front is rather significant.

NOTE Confidence: 0.900645205

00:13:04.160 --> 00:13:06.280 So instead of that initial

NOTE Confidence: 0.900645205

00:13:06.280 --> 00:13:08.400 3 to 4 hour operation,

NOTE Confidence: 0.900645205

00:13:08.400 --> 00:13:10.407 this is more like a 8 to 10 hour

NOTE Confidence: 0.900645205

00:13:10.407 --> 00:13:12.409 operation if not longer where we take

NOTE Confidence: 0.900645205

00:13:12.409 --> 00:13:13.941 tissue frequently from the abdomen

NOTE Confidence: 0.900645205

00:13:13.941 --> 00:13:15.586 because that's where most Americans

NOTE Confidence: 0.900645205

00:13:15.586 --> 00:13:18.246 have the tissue to donate and we use

NOTE Confidence: 0.900645205

00:13:18.246 --> 00:13:21.210 that abdominal tissue and we do microsurgery

NOTE Confidence: 0.900645205

00:13:21.210 --> 00:13:22.770 to connect the small little blood

NOTE Confidence: 0.900645205

00:13:22.770 --> 00:13:24.772 vessels in order to make that tissue

NOTE Confidence: 0.900645205

00:13:24.772 --> 00:13:26.292 live because the tissue couldn't

NOTE Confidence: 0.900645205

00:13:26.292 --> 00:13:27.590 live without blood supply.

NOTE Confidence: 0.900645205

00:13:27.590 --> 00:13:29.522 So that process of moving tissue

NOTE Confidence: 0.900645205

00:13:29.522 --> 00:13:31.825 from the abdomen or the buttocks of

NOTE Confidence: 0.900645205

00:13:31.825 --> 00:13:34.037 the gluteal region up to the breast

NOTE Confidence: 0.900645205

00:13:34.103 --> 00:13:36.497 once again 8 to to to 10 hours and

NOTE Confidence: 0.900645205

00:13:36.497 --> 00:13:38.774 requires about three to four days in

NOTE Confidence: 0.900645205

00:13:38.774 --> 00:13:40.985 the hospital just for recovery and

NOTE Confidence: 0.900645205

00:13:40.985 --> 00:13:43.280 comes with the risk of, we

NOTE Confidence: 0.900645205

00:13:43.346 --> 00:13:45.866 use the term or the phrase

NOTE Confidence: 0.900645205

00:13:45.866 --> 00:13:47.826 you're robbing Peter to pay Paul.

NOTE Confidence: 0.900645205

00:13:47.830 --> 00:13:49.606 So if we're taking tissue from

NOTE Confidence: 0.900645205

00:13:49.606 --> 00:13:51.600 the abdomen we do worry about

NOTE Confidence: 0.900645205

00:13:51.600 --> 00:13:53.055 the potential of developing a

NOTE Confidence: 0.900645205

00:13:53.055 --> 00:13:55.108 hernia or a bulge at the abdomen

NOTE Confidence: 0.900645205

00:13:55.108 --> 00:13:57.252 because we have to take a strip of

NOTE Confidence: 0.900645205

00:13:57.312 --> 00:13:59.580 not only the abdominal skin and

NOTE Confidence: 0.900645205

00:13:59.580 --> 00:14:01.379 underlying subcutaneous tissue or fat,

NOTE Confidence: 0.900645205

00:14:01.379 --> 00:14:03.053 but we're also frequently taking a

NOTE Confidence: 0.900645205

00:14:03.053 --> 00:14:04.885 small amount of the muscle

NOTE Confidence: 0.900645205

00:14:04.885 --> 00:14:06.594 or the fascia that holds the

NOTE Confidence: 0.900645205

00:14:06.594 --> 00:14:08.118 muscle in place in the abdomen.

NOTE Confidence: 0.900645205

00:14:08.120 --> 00:14:10.976 So once again it's a longer operation.

NOTE Confidence: 0.900645205

00:14:10.980 --> 00:14:13.570 We do worry about the donor site

NOTE Confidence: 0.900645205

00:14:13.570 --> 00:14:16.300 when it comes to flap surgery, so

NOTE Confidence: 0.900645205

00:14:16.300 --> 00:14:18.382 speaking at length with

NOTE Confidence: 0.900645205

00:14:18.382 --> 00:14:20.458 the patient I'm looking at their

NOTE Confidence: 0.900645205

00:14:20.458 --> 00:14:22.318 body habitus because if it's a

NOTE Confidence: 0.900645205

00:14:22.320 --> 00:14:24.450 fairly thin patient,

NOTE Confidence: 0.900645205

00:14:24.450 --> 00:14:26.655 they may not have enough tissue

NOTE Confidence: 0.900645205

00:14:26.655 --> 00:14:27.932 to appropriately recreate breast

NOTE Confidence: 0.900645205

00:14:27.932 --> 00:14:29.570 mounds and implants is where we

NOTE Confidence: 0.900645205

00:14:29.570 --> 00:14:31.682 would kind of do our best to once

NOTE Confidence: 0.900645205

00:14:31.682 --> 00:14:33.384 again give them the options but kind

NOTE Confidence: 0.900645205

00:14:33.384 --> 00:14:34.776 of steer them in that direction.

NOTE Confidence: 0.900645205

00:14:34.780 --> 00:14:37.072 And then patients who

NOTE Confidence: 0.900645205

00:14:37.072 --> 00:14:38.600 are more robust, we

NOTE Confidence: 0.900645205

00:14:38.600 --> 00:14:40.790 don't have really large implants

NOTE Confidence: 0.900645205

00:14:40.790 --> 00:14:43.283 and that's where we kind of steer

NOTE Confidence: 0.900645205

00:14:43.283 --> 00:14:45.197 them a little bit more towards

NOTE Confidence: 0.900645205

00:14:45.197 --> 00:14:46.850 the flap option.

NOTE Confidence: 0.900645205

00:14:46.850 --> 00:14:49.720 I'm doing my best to give you

NOTE Confidence: 0.900645205

00:14:49.720 --> 00:14:51.234 a short answer,

NOTE Confidence: 0.900645205

00:14:51.234 --> 00:14:53.626 but there's no short answer when it comes

NOTE Confidence: 0.900645205

00:14:53.626 --> 00:14:55.654 to the extent of reconstructive options.

NOTE Confidence: 0.684258702

00:14:55.870 --> 00:14:57.630 Yeah, no, that was great.

NOTE Confidence: 0.684258702

00:14:57.630 --> 00:14:59.464 So we're going to pick up the

NOTE Confidence: 0.684258702

00:14:59.464 --> 00:15:00.997 conversation right after we take a

NOTE Confidence: 0.684258702

00:15:00.997 --> 00:15:02.389 short break for a medical minute.

NOTE Confidence: 0.684258702

00:15:02.390 --> 00:15:04.412 Please stay tuned to learn more

NOTE Confidence: 0.684258702

00:15:04.412 --> 00:15:05.423 about reconstruction after

NOTE Confidence: 0.684258702

00:15:05.423 --> 00:15:06.907 breast cancer with my guest,

NOTE Confidence: 0.684258702

00:15:06.910 --> 00:15:08.029 doctor Paris Butler.

NOTE Confidence: 0.772849219

00:15:08.490 --> 00:15:10.490 Funding for Yale Cancer Answers

NOTE Confidence: 0.772849219

00:15:10.490 --> 00:15:12.490 comes from Smilow Cancer Hospital,

NOTE Confidence: 0.772849219

00:15:12.490 --> 00:15:14.320 where their liver cancer program

NOTE Confidence: 0.772849219

00:15:14.320 --> 00:15:16.150 brings together a dedicated group

NOTE Confidence: 0.772849219

00:15:16.206 --> 00:15:17.866 of specialists whose focus is

NOTE Confidence: 0.772849219

00:15:17.870 --> 00:15:19.694 determining the best personalized

NOTE Confidence: 0.772849219

00:15:19.694 --> 00:15:21.974 treatment plan for each patient.

NOTE Confidence: 0.772849219

00:15:21.980 --> 00:15:26.900 Learn more at smilowcancerhospital.org.

NOTE Confidence: 0.772849219

00:15:26.900 --> 00:15:28.784 Genetic testing can be useful for

NOTE Confidence: 0.772849219

00:15:28.784 --> 00:15:30.632 people with certain types of cancer

NOTE Confidence: 0.772849219

00:15:30.632 --> 00:15:32.494 that seem to run in their families.

NOTE Confidence: 0.772849219

00:15:32.500 --> 00:15:34.405 Genetic counseling is a process

NOTE Confidence: 0.772849219

00:15:34.405 --> 00:15:36.310 that includes collecting a detailed

NOTE Confidence: 0.772849219

00:15:36.368 --> 00:15:37.960 personal and family history,

NOTE Confidence: 0.772849219

00:15:37.960 --> 00:15:39.298 a risk assessment,

NOTE Confidence: 0.772849219

00:15:39.298 --> 00:15:42.420 and a discussion of genetic testing options.

NOTE Confidence: 0.772849219

00:15:42.420 --> 00:15:44.704 Only about 5 to 10% of all

NOTE Confidence: 0.772849219

00:15:44.704 --> 00:15:45.700 cancers are inherited,

NOTE Confidence: 0.772849219

00:15:45.700 --> 00:15:48.370 and genetic testing is not recommended

NOTE Confidence: 0.772849219

00:15:48.370 --> 00:15:50.998 for everyone. Individuals who have a

NOTE Confidence: 0.772849219

00:15:50.998 --> 00:15:53.314 personal and or family history that

NOTE Confidence: 0.772849219

00:15:53.314 --> 00:15:55.749 includes cancer at unusually early ages,

NOTE Confidence: 0.772849219

00:15:55.750 --> 00:15:56.426 multiple relatives

NOTE Confidence: 0.772849219

00:15:56.426 --> 00:15:58.454 on the same side of the

NOTE Confidence: 0.772849219

00:15:58.454 --> 00:16:00.180 family with the same cancer,

NOTE Confidence: 0.772849219

00:16:00.180 --> 00:16:02.050 more than one diagnosis of

NOTE Confidence: 0.772849219

00:16:02.050 --> 00:16:03.920 cancer in the same individual,

NOTE Confidence: 0.772849219

00:16:03.920 --> 00:16:04.720 rare cancers,

NOTE Confidence: 0.772849219

00:16:04.720 --> 00:16:07.520 or family history of a known altered

NOTE Confidence: 0.772849219

00:16:07.520 --> 00:16:10.022 cancer predisposing gene could be

NOTE Confidence: 0.772849219

00:16:10.022 --> 00:16:12.054 candidates for genetic testing.

NOTE Confidence: 0.772849219

00:16:12.060 --> 00:16:14.040 Resources for genetic counseling and

NOTE Confidence: 0.772849219

00:16:14.040 --> 00:16:16.020 testing are available at federally

NOTE Confidence: 0.772849219

00:16:16.084 --> 00:16:18.320 designated comprehensive cancer centers,

NOTE Confidence: 0.772849219

00:16:18.320 --> 00:16:20.150 such as Yale Cancer Center

NOTE Confidence: 0.772849219

00:16:20.150 --> 00:16:21.980 and Smilow Cancer Hospital.

NOTE Confidence: 0.772849219

00:16:21.980 --> 00:16:24.372 More information is available

NOTE Confidence: 0.772849219

00:16:24.372 --> 00:16:25.404 at yalecancercenter.org.

NOTE Confidence: 0.772849219

00:16:25.404 --> 00:16:27.140 You're listening to Connecticut.

NOTE Confidence: 0.772849219

00:16:27.140 --> 00:16:27.990 Public radio.

NOTE Confidence: 0.821668076666667

00:16:28.790 --> 00:16:30.848 Welcome back to Yale Cancer Answers.

NOTE Confidence: 0.821668076666667

00:16:30.850 --> 00:16:32.590 This is doctor Anees Chagpar and

NOTE Confidence: 0.821668076666667

00:16:32.590 --> 00:16:34.290 I'm joined tonight by my guest,

NOTE Confidence: 0.821668076666667

00:16:34.290 --> 00:16:35.772 Doctor Paris Butler.

NOTE Confidence: 0.821668076666667

00:16:35.772 --> 00:16:37.748 We are discussing breast

NOTE Confidence: 0.821668076666667

00:16:37.748 --> 00:16:39.230 reconstruction options after

NOTE Confidence: 0.821668076666667

00:16:39.299 --> 00:16:41.567 cancer and right before the break.

NOTE Confidence: 0.821668076666667

00:16:41.570 --> 00:16:44.006 Doctor Butler was telling us about how

NOTE Confidence: 0.821668076666667

00:16:44.010 --> 00:16:45.810 reconstruction might

NOTE Confidence: 0.821668076666667

00:16:45.810 --> 00:16:48.510 not be right for every patient.

NOTE Confidence: 0.821668076666667

00:16:48.510 --> 00:16:50.590 And even for

NOTE Confidence: 0.821668076666667

00:16:50.590 --> 00:16:53.252 the 65% of American women who after

NOTE Confidence: 0.821668076666667

00:16:53.252 --> 00:16:55.690 mastectomy choose to have reconstruction,

NOTE Confidence: 0.821668076666667

00:16:55.690 --> 00:16:57.457 there are options.

NOTE Confidence: 0.821668076666667

00:16:57.457 --> 00:17:00.402 So implant based reconstruction versus

NOTE Confidence: 0.821668076666667

00:17:00.402 --> 00:17:02.369 autologous reconstruction and Paris,

NOTE Confidence: 0.821668076666667

00:17:02.370 --> 00:17:04.288 I was hoping that in this half

NOTE Confidence: 0.821668076666667

00:17:04.288 --> 00:17:06.173 we could delve a little bit

NOTE Confidence: 0.821668076666667

00:17:06.173 --> 00:17:07.843 more deeply into those options.

NOTE Confidence: 0.821668076666667

00:17:07.850 --> 00:17:11.217 So one thing when it comes to

NOTE Confidence: 0.821668076666667

00:17:11.217 --> 00:17:12.660 implant based reconstruction,

NOTE Confidence: 0.821668076666667

00:17:12.660 --> 00:17:14.488 some people have concerns

NOTE Confidence: 0.821668076666667

00:17:14.488 --> 00:17:16.773 about the safety of implants,

NOTE Confidence: 0.821668076666667

00:17:16.780 --> 00:17:18.085 whether they leak,

NOTE Confidence: 0.821668076666667

00:17:18.085 --> 00:17:20.260 whether they need to be

NOTE Confidence: 0.821668076666667

00:17:20.260 --> 00:17:22.260 changed out periodically,

NOTE Confidence: 0.821668076666667

00:17:22.260 --> 00:17:25.239 whether they need to be followed with an MRI,

NOTE Confidence: 0.821668076666667

00:17:25.240 --> 00:17:29.419 whether they can in fact cause cancers.

NOTE Confidence: 0.821668076666667

00:17:29.420 --> 00:17:31.756 Can you speak a little bit to those

NOTE Confidence: 0.821668076666667

00:17:31.756 --> 00:17:33.765 concerns and how you advise your

NOTE Confidence: 0.821668076666667

00:17:33.765 --> 00:17:35.460 patients with regards to that?

NOTE Confidence: 0.74930312125

00:17:35.820 --> 00:17:37.780 Yes, absolutely it's a great question.

NOTE Confidence: 0.74930312125

00:17:37.780 --> 00:17:40.670 So a lot of folks don't realize the fact that

NOTE Confidence: 0.74930312125

00:17:40.743 --> 00:17:43.319 breast implants are one of the most

NOTE Confidence: 0.74930312125

00:17:43.320 --> 00:17:44.574 studied implantable medical

NOTE Confidence: 0.74930312125

00:17:44.574 --> 00:17:47.082 devices ever known to human beings.

NOTE Confidence: 0.74930312125

00:17:47.090 --> 00:17:48.725 They've been studied more than

NOTE Confidence: 0.74930312125

00:17:48.725 --> 00:17:50.695 pacemakers and hip prostheses and knee

NOTE Confidence: 0.74930312125

00:17:50.695 --> 00:17:52.351 prosthesis.

NOTE Confidence: 0.74930312125

00:17:54.210 --> 00:17:56.190 I think the reason for this is because the

NOTE Confidence: 0.74930312125

00:17:56.190 --> 00:17:57.774 same implants we use for reconstruction

NOTE Confidence: 0.74930312125

00:17:57.774 --> 00:17:59.971 are the ones that are used for cosmetic

NOTE Confidence: 0.74930312125

00:17:59.971 --> 00:18:01.633 purposes and anytime you put devices

NOTE Confidence: 0.74930312125

00:18:01.633 --> 00:18:05.130 into celebrities to enhance their look,

NOTE Confidence: 0.74930312125

00:18:05.130 --> 00:18:06.498 it comes with a fair amount

NOTE Confidence: 0.74930312125

00:18:06.498 --> 00:18:07.410 of scrutiny and attention.

NOTE Confidence: 0.74930312125

00:18:07.410 --> 00:18:09.246 So the interesting thing,

NOTE Confidence: 0.74930312125

00:18:09.246 --> 00:18:10.993 breast implants have been out for

NOTE Confidence: 0.74930312125

00:18:10.993 --> 00:18:11.925 a really long time.

NOTE Confidence: 0.74930312125

00:18:11.930 --> 00:18:13.856 There was a moratorium on them.

NOTE Confidence: 0.74930312125

00:18:13.860 --> 00:18:15.778 Before even my coming into practice

NOTE Confidence: 0.74930312125

00:18:15.778 --> 00:18:18.074 to study them to make sure that they

NOTE Confidence: 0.74930312125

00:18:18.074 --> 00:18:19.933 did not cause additional breast cancers

NOTE Confidence: 0.74930312125

00:18:19.933 --> 00:18:21.828 or connective tissue disorders and

NOTE Confidence: 0.74930312125

00:18:21.828 --> 00:18:23.641 they identified the Institute of

NOTE Confidence: 0.74930312125

00:18:23.641 --> 00:18:25.678 Medicine that they do not and the

NOTE Confidence: 0.74930312125

00:18:25.678 --> 00:18:28.330 FDA we are now on our fifth

NOTE Confidence: 0.74930312125

00:18:28.330 --> 00:18:29.928 generation of silicone breast implants.

NOTE Confidence: 0.74930312125

00:18:29.928 --> 00:18:31.932 The first generation once they ruptured

NOTE Confidence: 0.74930312125

00:18:31.932 --> 00:18:34.315 I say it's something like

NOTE Confidence: 0.74930312125

00:18:34.315 --> 00:18:36.289 Ghostbusters eco slime.

NOTE Confidence: 0.74930312125

00:18:36.290 --> 00:18:37.985 This fifth generation of breast

NOTE Confidence: 0.74930312125

00:18:37.985 --> 00:18:40.534 implants are much more

NOTE Confidence: 0.74930312125

00:18:40.534 --> 00:18:42.499 sturdy and stable they're actually

NOTE Confidence: 0.74930312125

00:18:42.499 --> 00:18:44.160 given the terminology formed

NOTE Confidence: 0.74930312125

00:18:44.160 --> 00:18:44.892 Stable breast implant.

NOTE Confidence: 0.74930312125

00:18:44.892 --> 00:18:46.932 So I kind of equate it when I'm

NOTE Confidence: 0.74930312125

00:18:46.932 --> 00:18:48.600 speaking with the patient that these

NOTE Confidence: 0.74930312125

00:18:48.600 --> 00:18:50.370 new implants are like a gummy bear.

NOTE Confidence: 0.74930312125

00:18:50.370 --> 00:18:51.959 And they sometimes are even advertised as

NOTE Confidence: 0.74930312125

00:18:51.959 --> 00:18:53.906 such that if you cut a gummy bear in half,

NOTE Confidence: 0.74930312125

00:18:53.910 --> 00:18:54.792 nothing leaks out.

NOTE Confidence: 0.74930312125

00:18:54.792 --> 00:18:57.269 It kind of stays formed and that's

NOTE Confidence: 0.74930312125

00:18:57.269 --> 00:18:59.789 what these new silicone implants are like.

NOTE Confidence: 0.74930312125

00:18:59.790 --> 00:19:02.220 The saline implants have a silicone

NOTE Confidence: 0.74930312125

00:19:02.220 --> 00:19:05.350 shell and they are filled with saline.

NOTE Confidence: 0.74930312125

00:19:05.350 --> 00:19:07.390 The silicone implants have a silicone

NOTE Confidence: 0.74930312125

00:19:07.390 --> 00:19:09.490 shell and then are filled with

NOTE Confidence: 0.74930312125

00:19:09.490 --> 00:19:11.815 this form stable silicone.

NOTE Confidence: 0.74930312125

00:19:11.815 --> 00:19:14.425 When it comes to risks of the implants,

NOTE Confidence: 0.74930312125

00:19:14.430 --> 00:19:15.834 we've proven they do not cause

NOTE Confidence: 0.74930312125

00:19:15.834 --> 00:19:16.536 connective tissue disorder.

NOTE Confidence: 0.74930312125

00:19:16.540 --> 00:19:17.728 They do not cause breast cancer,

NOTE Confidence: 0.74930312125

00:19:17.730 --> 00:19:20.180 but the textured implants,

NOTE Confidence: 0.74930312125

00:19:20.180 --> 00:19:21.608 which I don't put in patients and

NOTE Confidence: 0.74930312125

00:19:21.608 --> 00:19:23.430 many of my colleagues don't anymore,

NOTE Confidence: 0.74930312125

00:19:23.430 --> 00:19:25.524 have been associated with a very

NOTE Confidence: 0.74930312125

00:19:25.524 --> 00:19:26.920 rare type of lymphoma,

NOTE Confidence: 0.74930312125

00:19:26.920 --> 00:19:29.084 anaplastic large cell lymphoma.

NOTE Confidence: 0.74930312125

00:19:29.084 --> 00:19:33.048 It occurred in about 1 in 2700 women.

NOTE Confidence: 0.74930312125

00:19:33.048 --> 00:19:33.766 For context,

NOTE Confidence: 0.74930312125

00:19:33.766 --> 00:19:35.920 there are about 10 million women

NOTE Confidence: 0.74930312125

00:19:35.986 --> 00:19:37.798 in the world that have implants

NOTE Confidence: 0.74930312125

00:19:37.798 --> 00:19:40.064 and once again a very, very,

00:19:40.401 --> 00:19:42.423 very small percentage of women with

NOTE Confidence: 0.74930312125

00:19:42.423 --> 00:19:44.428 those textured implants developed

NOTE Confidence: 0.74930312125

00:19:44.430 --> 00:19:45.980 that rare type of lymphoma.

NOTE Confidence: 0.74930312125

00:19:45.980 --> 00:19:48.152 The other implants are smooth, round

NOTE Confidence: 0.74930312125

00:19:48.152 --> 00:19:49.935 implants that the majority of

NOTE Confidence: 0.74930312125

00:19:49.935 --> 00:19:51.295 us have currently put in.

NOTE Confidence: 0.74930312125

00:19:51.300 --> 00:19:52.269 Patients are safe.

NOTE Confidence: 0.74930312125

00:19:52.269 --> 00:19:55.651 I'd put them in a family member if it

NOTE Confidence: 0.74930312125

00:19:55.651 --> 00:19:57.759 necessitated for reconstructive purposes.

NOTE Confidence: 0.74930312125

00:19:57.760 --> 00:19:59.560 So they're very good questions.

NOTE Confidence: 0.74930312125

00:19:59.560 --> 00:20:01.018 I have an in depth conversation

NOTE Confidence: 0.74930312125

00:20:01.018 --> 00:20:02.180 with my patients about it,

NOTE Confidence: 0.74930312125

00:20:02.180 --> 00:20:03.708 but that's a little bit of the history.

NOTE Confidence: 0.54994138

00:20:04.000 --> 00:20:07.420 What about for autologous reconstruction?

NOTE Confidence: 0.54994138

00:20:07.420 --> 00:20:11.356 So you mentioned that these can be very

NOTE Confidence: 0.54994138

00:20:11.356 --> 00:20:15.256 long operations, 8 to 10 hours in fact.

NOTE Confidence: 0.54994138

00:20:15.260 --> 00:20:18.077 That you're in the hospital for a few days,

NOTE Confidence: 0.54994138

00:20:18.080 --> 00:20:21.376 so some patients kind of wonder about the

NOTE Confidence: 0.54994138

00:20:21.376 --> 00:20:25.210 risks of the surgery itself. What are the

NOTE Confidence: 0.54994138

00:20:25.210 --> 00:20:27.460 complication rates like?

NOTE Confidence: 0.54994138

00:20:27.460 --> 00:20:29.604 Can you speak a little bit to that?

NOTE Confidence: 0.723323326769231

00:20:31.400 --> 00:20:33.620 Another very good option is autologous

NOTE Confidence: 0.723323326769231

00:20:33.620 --> 00:20:35.495 surgery or autologous, we'll call

NOTE Confidence: 0.723323326769231

00:20:35.495 --> 00:20:37.481 flap surgery, or taking tissue most

NOTE Confidence: 0.723323326769231

00:20:37.481 --> 00:20:39.338 frequently from the abdomen to

NOTE Confidence: 0.723323326769231

00:20:39.338 --> 00:20:40.946 reconstruct these breast mounds.

NOTE Confidence: 0.723323326769231

00:20:40.950 --> 00:20:42.732 Now it is much more involved

NOTE Confidence: 0.723323326769231

00:20:42.732 --> 00:20:44.160 and I don't sugarcoat it.

NOTE Confidence: 0.723323326769231

00:20:44.160 --> 00:20:46.536 I have a thorough conversation with

NOTE Confidence: 0.723323326769231

00:20:46.536 --> 00:20:48.939 the patient about what it entails.

NOTE Confidence: 0.723323326769231

00:20:48.940 --> 00:20:49.688 As I said before,

NOTE Confidence: 0.723323326769231

00:20:49.688 --> 00:20:51.080 in order for the flap to live,

NOTE Confidence: 0.723323326769231

00:20:51.080 --> 00:20:52.238 it has to have blood flow,

NOTE Confidence: 0.723323326769231

00:20:52.240 --> 00:20:53.440 and that blood flow comes

NOTE Confidence: 0.723323326769231

00:20:53.440 --> 00:20:55.179 from when we take the flap,

NOTE Confidence: 0.723323326769231

00:20:55.180 --> 00:20:57.232 we take it with a blood vessel that goes

NOTE Confidence: 0.723323326769231

00:20:57.232 --> 00:20:59.235 into the top part of the thigh,

NOTE Confidence: 0.723323326769231

00:20:59.240 --> 00:21:00.668 and we actually connect that to blood

NOTE Confidence: 0.723323326769231

00:21:00.668 --> 00:21:02.007 vessels that are deep in the chest.

NOTE Confidence: 0.723323326769231

00:21:02.010 --> 00:21:03.240 Right under the the breastplate.

NOTE Confidence: 0.723323326769231

00:21:03.240 --> 00:21:07.200 And when we do that what we call anastomosis,

NOTE Confidence: 0.723323326769231

00:21:07.200 --> 00:21:08.958 the connection of the small blood

NOTE Confidence: 0.723323326769231

00:21:08.958 --> 00:21:10.582 vessels with our high magnification

NOTE Confidence: 0.723323326769231

00:21:10.582 --> 00:21:12.577 glasses or with our microscope,

NOTE Confidence: 0.723323326769231

00:21:12.580 --> 00:21:14.028 sometimes the connection doesn't

NOTE Confidence: 0.723323326769231

00:21:14.028 --> 00:21:16.200 work and the blood vessels clot

NOTE Confidence: 0.723323326769231

00:21:16.259 --> 00:21:17.897 off and that's a failed flap.

NOTE Confidence: 0.723323326769231

00:21:17.900 --> 00:21:19.412 Now thankfully that doesn't happen that

NOTE Confidence: 0.723323326769231

00:21:19.412 --> 00:21:21.716 often maybe 1 to 2% of the time in

NOTE Confidence: 0.723323326769231

00:21:21.716 --> 00:21:23.450 the country that occurs because we've

NOTE Confidence: 0.723323326769231

00:21:23.513 --> 00:21:26.015 been blessed to get so skilled with it.

NOTE Confidence: 0.723323326769231

00:21:26.020 --> 00:21:27.808 But it is something that we

NOTE Confidence: 0.723323326769231

00:21:27.808 --> 00:21:29.000 talk to patients about.

NOTE Confidence: 0.723323326769231

00:21:29.000 --> 00:21:31.196 The other is the donor site,

NOTE Confidence: 0.723323326769231

00:21:31.200 --> 00:21:32.136 one you're taking tissue

NOTE Confidence: 0.723323326769231

00:21:32.136 --> 00:21:33.306 from another part of the body

00:21:34.506 --> 00:21:36.300 there's sometimes ramifications,

NOTE Confidence: 0.723323326769231

00:21:36.300 --> 00:21:37.908 there can be infections,

NOTE Confidence: 0.723323326769231

00:21:37.908 --> 00:21:41.100 there can be wound separation at the belly.

NOTE Confidence: 0.723323326769231

00:21:41.100 --> 00:21:43.206 We don't perform this operation on

NOTE Confidence: 0.723323326769231

00:21:43.206 --> 00:21:45.042 smokers because of that increased

NOTE Confidence: 0.723323326769231

00:21:45.042 --> 00:21:47.220 risk of wound separation in the

NOTE Confidence: 0.723323326769231

00:21:47.220 --> 00:21:49.091 abdomen because of that increased

NOTE Confidence: 0.723323326769231

00:21:49.091 --> 00:21:51.227 rate of infection in smokers.

NOTE Confidence: 0.723323326769231

00:21:51.230 --> 00:21:53.862 So I would say it's a much

NOTE Confidence: 0.723323326769231

00:21:53.862 --> 00:21:54.990 more involved operation.

NOTE Confidence: 0.723323326769231

00:21:54.990 --> 00:21:57.240 You have to worry about implants

NOTE Confidence: 0.723323326769231

00:21:57.240 --> 00:21:59.958 for the duration of someone's life.

NOTE Confidence: 0.723323326769231

00:21:59.960 --> 00:22:01.300 They have their own tissue,

NOTE Confidence: 0.723323326769231

00:22:01.300 --> 00:22:02.890 but once again it does come

NOTE Confidence: 0.723323326769231

00:22:02.890 --> 00:22:03.950 with a much longer,

NOTE Confidence: 0.723323326769231

00:22:03.950 --> 00:22:05.350 more involved operation,

NOTE Confidence: 0.723323326769231

00:22:05.350 --> 00:22:06.822 a much longer recovery,

NOTE Confidence: 0.723323326769231

00:22:06.822 --> 00:22:09.729 a good four to six weeks and then

NOTE Confidence: 0.723323326769231

00:22:09.730 --> 00:22:11.746 the risk at the donor site.

NOTE Confidence: 0.723323326769231

00:22:11.750 --> 00:22:12.860 One thing I failed to

NOTE Confidence: 0.723323326769231

00:22:12.860 --> 00:22:13.748 mention about the implants.

NOTE Confidence: 0.723323326769231

00:22:13.750 --> 00:22:16.858 Implants are not forever as it

NOTE Confidence: 0.723323326769231

00:22:16.858 --> 00:22:19.970 pertains to the lifespan.

NOTE Confidence: 0.723323326769231

00:22:19.970 --> 00:22:22.154 There are three kinds of main

NOTE Confidence: 0.723323326769231

00:22:22.154 --> 00:22:23.610 implant manufacturers all of

NOTE Confidence: 0.723323326769231

00:22:23.677 --> 00:22:25.525 them say at the 10 year mark,

NOTE Confidence: 0.723323326769231

00:22:25.530 --> 00:22:27.228 we should be proactive rather than

NOTE Confidence: 0.723323326769231

00:22:27.228 --> 00:22:29.289 reactive and have those implants replaced.

NOTE Confidence: 0.723323326769231

00:22:29.290 --> 00:22:32.128 So it's a rather short operation.

00:22:34.420 --> 00:22:35.620 We go through an existing

NOTE Confidence: 0.723323326769231

00:22:35.620 --> 00:22:36.580 incision on the breast.

NOTE Confidence: 0.723323326769231

00:22:36.580 --> 00:22:38.396 We take out the old implants and we

NOTE Confidence: 0.723323326769231

00:22:38.396 --> 00:22:41.292 put in new implants to swap them out

NOTE Confidence: 0.723323326769231

00:22:41.292 --> 00:22:43.457 before the likelihood of rupture,

NOTE Confidence: 0.723323326769231

00:22:43.460 --> 00:22:44.864 spontaneous rupture would happen,

NOTE Confidence: 0.723323326769231

00:22:44.864 --> 00:22:47.140 which is about 1%

NOTE Confidence: 0.723323326769231

00:22:47.140 --> 00:22:48.575 per year for the 1st 10 years.

NOTE Confidence: 0.723323326769231

00:22:48.580 --> 00:22:50.400 After 10 years it goes up to

NOTE Confidence: 0.723323326769231

00:22:50.400 --> 00:22:52.408 about 10 to 15% and then after 15

NOTE Confidence: 0.723323326769231

00:22:52.408 --> 00:22:54.117 years it goes up to about 30-40%.

NOTE Confidence: 0.723323326769231

00:22:54.117 --> 00:22:56.920 So I try to get my patients in that window,

NOTE Confidence: 0.723323326769231

00:22:56.920 --> 00:22:59.240 the 10 to 15 year mark to say, hey,

NOTE Confidence: 0.723323326769231

00:22:59.240 --> 00:23:01.800 when the time is right in your life,

NOTE Confidence: 0.723323326769231

00:23:01.800 --> 00:23:02.920 it's not an urgency,

NOTE Confidence: 0.723323326769231

00:23:02.920 --> 00:23:04.600 but we should have those implants

NOTE Confidence: 0.723323326769231

00:23:04.600 --> 00:23:05.210 replaced.

NOTE Confidence: 0.890576768

00:23:06.040 --> 00:23:07.810 Is that covered by insurance?

NOTE Confidence: 0.846808651111111

00:23:08.340 --> 00:23:10.500 It is. And I'm glad you brought that up.

NOTE Confidence: 0.846808651111111

00:23:10.500 --> 00:23:13.124 So I go into the community a fair

NOTE Confidence: 0.846808651111111

00:23:13.124 --> 00:23:15.307 amount to kind of talk about

NOTE Confidence: 0.846808651111111

00:23:15.310 --> 00:23:17.670 and help to help raise awareness regarding

NOTE Confidence: 0.846808651111111

00:23:17.670 --> 00:23:19.558 breast reconstruction options and

NOTE Confidence: 0.846808651111111

00:23:19.558 --> 00:23:21.285 there are two subsets of the community

NOTE Confidence: 0.846808651111111

00:23:21.285 --> 00:23:22.557 that don't tend to get breast

NOTE Confidence: 0.846808651111111

00:23:22.557 --> 00:23:24.223 reconstruction at the same rate as others.

NOTE Confidence: 0.846808651111111

00:23:24.230 --> 00:23:25.994 Those are our ladies of color and

NOTE Confidence: 0.846808651111111

00:23:25.994 --> 00:23:27.670 then our more seasoned ladies.

NOTE Confidence: 0.846808651111111

00:23:27.670 --> 00:23:29.368 I'd say our ladies over 50.

NOTE Confidence: 0.846808651111111

00:23:29.370 --> 00:23:31.125 And one of the things that many

NOTE Confidence: 0.846808651111111

00:23:31.125 --> 00:23:32.598 of these underserved communities tell

NOTE Confidence: 0.846808651111111

00:23:32.598 --> 00:23:34.858 me is that they're concerned that they

NOTE Confidence: 0.846808651111111

00:23:34.858 --> 00:23:36.306 can't afford breast reconstruction.

NOTE Confidence: 0.846808651111111

00:23:36.310 --> 00:23:39.201 And I very quickly inform them the

NOTE Confidence: 0.846808651111111

00:23:39.201 --> 00:23:42.419 fact that our country did a really

NOTE Confidence: 0.846808651111111

00:23:42.419 --> 00:23:45.257 great thing, our legislators in DC

NOTE Confidence: 0.846808651111111

00:23:45.260 --> 00:23:47.931 signed into law back in 1998,

NOTE Confidence: 0.846808651111111

00:23:47.931 --> 00:23:49.686 it's called the Women's Health

NOTE Confidence: 0.846808651111111

00:23:49.686 --> 00:23:51.578 and Cancer Rights Act of 1998,

NOTE Confidence: 0.846808651111111

00:23:51.578 --> 00:23:53.664 where it mandates that if a woman

NOTE Confidence: 0.846808651111111

00:23:53.664 --> 00:23:55.498 has insurance and she is diagnosed

NOTE Confidence: 0.846808651111111

00:23:55.498 --> 00:23:56.678 with a breast cancer,

NOTE Confidence: 0.846808651111111

00:23:56.680 --> 00:23:58.080 that requires a mastectomy

NOTE Confidence: 0.846808651111111

00:23:58.080 --> 00:23:59.830 that insurance company is also

NOTE Confidence: 0.846808651111111

00:23:59.830 --> 00:24:01.800 required to pay for their breast

NOTE Confidence: 0.846808651111111

00:24:01.800 --> 00:24:03.365 reconstruction for their duration of

NOTE Confidence: 0.846808651111111

00:24:03.424 --> 00:24:05.762 their life and that would be either

NOTE Confidence: 0.846808651111111

00:24:05.762 --> 00:24:07.862 implant based reconstruction or flap

NOTE Confidence: 0.846808651111111

00:24:07.862 --> 00:24:10.046 surgery or autologous reconstruction.

NOTE Confidence: 0.846808651111111

00:24:10.050 --> 00:24:11.737 The other very good thing is the

NOTE Confidence: 0.846808651111111

00:24:11.737 --> 00:24:13.537 fact that say a patient has cancer

NOTE Confidence: 0.846808651111111

00:24:13.537 --> 00:24:15.433 on one side and they're only getting

NOTE Confidence: 0.846808651111111

00:24:15.433 --> 00:24:17.227 cancer surgery on that one side.

NOTE Confidence: 0.846808651111111

00:24:17.230 --> 00:24:19.030 The Women's Health and Cancer Rights

NOTE Confidence: 0.846808651111111

00:24:19.030 --> 00:24:21.605 Act of 98' also mandates and allows for

NOTE Confidence: 0.846808651111111

00:24:21.605 --> 00:24:24.108 a plastic surgeon to do a balancing

NOTE Confidence: 0.846808651111111

00:24:24.108 --> 00:24:25.998 operation on that other side.

NOTE Confidence: 0.846808651111111

00:24:26.000 --> 00:24:27.744 So say they have a left sided cancer,

NOTE Confidence: 0.846808651111111

00:24:27.750 --> 00:24:29.064 we do breast reconstruction on the

NOTE Confidence: 0.846808651111111

00:24:29.064 --> 00:24:30.820 left side and then we do a breast lift.

NOTE Confidence: 0.846808651111111

00:24:30.820 --> 00:24:32.515 Or breast reduction

NOTE Confidence: 0.846808651111111

00:24:32.515 --> 00:24:34.210 or augmentation on the opposite

NOTE Confidence: 0.846808651111111

00:24:34.268 --> 00:24:35.858 side to help enhance symmetry.

NOTE Confidence: 0.850208055

00:24:37.010 --> 00:24:39.152 And so that pertains to what

NOTE Confidence: 0.850208055

00:24:39.152 --> 00:24:41.171 you were talking about earlier

NOTE Confidence: 0.850208055

00:24:41.171 --> 00:24:43.751 in terms of oncoplastic surgery

NOTE Confidence: 0.850208055

00:24:43.751 --> 00:24:45.519 after lumpectomies, is that right

NOTE Confidence: 0.82466795125

00:24:45.690 --> 00:24:48.906 that that also pertains to that as well.

NOTE Confidence: 0.82466795125

00:24:48.910 --> 00:24:50.230 Now some insurance companies

NOTE Confidence: 0.82466795125

00:24:50.230 --> 00:24:52.472 try to push back and say, well,

NOTE Confidence: 0.82466795125

00:24:52.472 --> 00:24:53.782 the Women's Health and Cancer

NOTE Confidence: 0.82466795125

00:24:53.782 --> 00:24:55.230 Rights Act was really only

NOTE Confidence: 0.82466795125

00:24:55.230 --> 00:24:56.630 intended for mastectomy patients.

NOTE Confidence: 0.82466795125

00:24:56.630 --> 00:24:58.744 But thankfully with the

NOTE Confidence: 0.82466795125

00:24:58.744 --> 00:25:01.149 help of our surgical oncology colleagues, we have been

NOTE Confidence: 0.82466795125

00:25:01.149 --> 00:25:04.005 speaking to insurance companies to say,

NOTE Confidence: 0.82466795125

00:25:04.010 --> 00:25:06.896 listen these patients who have lumpectomies

NOTE Confidence: 0.82466795125

00:25:06.900 --> 00:25:09.012 who are left with rather significant

NOTE Confidence: 0.82466795125

00:25:09.012 --> 00:25:11.179 asymmetries and deficits should be entitled

NOTE Confidence: 0.82466795125

00:25:11.179 --> 00:25:13.279 to some reconstructive procedures as well.

NOTE Confidence: 0.866272503333334

00:25:14.560 --> 00:25:16.576 Now the other question, you know,

NOTE Confidence: 0.866272503333334

00:25:16.580 --> 00:25:18.806 before the break you were mentioning

NOTE Confidence: 0.866272503333334

00:25:18.806 --> 00:25:21.584 that the prime goal is really the

NOTE Confidence: 0.866272503333334

00:25:21.584 --> 00:25:23.614 reconstruction of the breast mound.

NOTE Confidence: 0.866272503333334

00:25:23.620 --> 00:25:26.049 Many women are concerned about the nipple.

NOTE Confidence: 0.866272503333334

00:25:26.050 --> 00:25:28.304 Can you talk a little bit about

NOTE Confidence: 0.866272503333334

00:25:28.304 --> 00:25:30.504 the options that women have for

NOTE Confidence: 0.866272503333334

00:25:30.504 --> 00:25:32.434 either keeping their own nipple

NOTE Confidence: 0.866272503333334

00:25:32.440 --> 00:25:34.438 versus nipple reconstruction?

NOTE Confidence: 0.853033948888889

00:25:36.210 --> 00:25:38.142 Yeah, so another very good question

NOTE Confidence: 0.853033948888889

00:25:38.142 --> 00:25:40.820 and I would not want to

NOTE Confidence: 0.853033948888889

00:25:40.820 --> 00:25:42.530 overstep my breast oncology or

NOTE Confidence: 0.853033948888889

00:25:42.605 --> 00:25:44.231 my breast surgery contemporaries.

NOTE Confidence: 0.853033948888889

00:25:44.231 --> 00:25:46.536 Nipple sparing mastectomy has been

NOTE Confidence: 0.853033948888889

00:25:46.536 --> 00:25:49.029 in existence for about 25 years.

NOTE Confidence: 0.853033948888889

00:25:49.030 --> 00:25:50.960 The initial mastectomies were

NOTE Confidence: 0.853033948888889

00:25:50.960 --> 00:25:53.254 quite a morbid operation where we

NOTE Confidence: 0.853033948888889

00:25:53.254 --> 00:25:55.072 removed all of the breasts inclusive

NOTE Confidence: 0.853033948888889

00:25:55.072 --> 00:25:57.169 of the skin and even in muscle.

NOTE Confidence: 0.853033948888889

00:25:57.170 --> 00:25:59.178 We have now gone as far as being

NOTE Confidence: 0.853033948888889

00:25:59.178 --> 00:26:01.006 able to remove the entire breast

NOTE Confidence: 0.853033948888889

00:26:01.006 --> 00:26:03.337 but leave all of the skin and

NOTE Confidence: 0.853033948888889

00:26:03.337 --> 00:26:05.406 including the nipple areola complex

NOTE Confidence: 0.853033948888889

00:26:05.406 --> 00:26:08.682 behind and have it just as a

00:26:11.509 --> 00:26:13.920 cancer appropriate and safe operation.

NOTE Confidence: 0.853033948888889

00:26:13.920 --> 00:26:15.880 So they will have a conversation with

NOTE Confidence: 0.853033948888889

00:26:15.880 --> 00:26:17.630 their breast surgeon or the surgical

NOTE Confidence: 0.853033948888889

00:26:17.630 --> 00:26:19.340 colleague regarding whether or not

NOTE Confidence: 0.853033948888889

00:26:19.340 --> 00:26:21.308 they are a nipple sparing candidate.

NOTE Confidence: 0.853033948888889

00:26:21.308 --> 00:26:22.880 If it is,

NOTE Confidence: 0.853033948888889

00:26:22.880 --> 00:26:25.022 then there's no need for us to

NOTE Confidence: 0.853033948888889

00:26:25.022 --> 00:26:26.764 reconstruct a nipple areola complex.

NOTE Confidence: 0.853033948888889

00:26:26.764 --> 00:26:27.176 However,

NOTE Confidence: 0.853033948888889

00:26:27.176 --> 00:26:30.060 certain cancers don't allow for that if

NOTE Confidence: 0.853033948888889

00:26:30.133 --> 00:26:34.570 the cancer is too close to the nipple areola.

NOTE Confidence: 0.853033948888889

00:26:34.570 --> 00:26:36.770 If the cancer is too great in size,

NOTE Confidence: 0.853033948888889

00:26:36.770 --> 00:26:39.108 or the patient is just too large

NOTE Confidence: 0.853033948888889

00:26:39.108 --> 00:26:41.229 breasted or too toxic or saggy,

NOTE Confidence: 0.853033948888889

00:26:41.230 --> 00:26:43.295 then the nipple areola complex must be

NOTE Confidence: 0.853033948888889

00:26:43.295 --> 00:26:45.810 removed as a part of the cancer surgery.

NOTE Confidence: 0.853033948888889

00:26:45.810 --> 00:26:46.908 If that happens,

NOTE Confidence: 0.853033948888889

00:26:46.908 --> 00:26:48.738 we reconstruct that breast mound

NOTE Confidence: 0.853033948888889

00:26:48.738 --> 00:26:51.052 and then six months to a year

NOTE Confidence: 0.853033948888889

00:26:51.052 --> 00:26:52.567 after we're done with their

NOTE Confidence: 0.853033948888889

00:26:52.632 --> 00:26:54.588 breast reconstruction formally,

NOTE Confidence: 0.853033948888889

00:26:54.590 --> 00:26:55.678 we can go back.

NOTE Confidence: 0.853033948888889

00:26:55.678 --> 00:26:57.310 And then we have special techniques

NOTE Confidence: 0.853033948888889

00:26:57.363 --> 00:26:59.153 to reconstruct a niplle areola

NOTE Confidence: 0.853033948888889

00:26:59.153 --> 00:27:01.968 complex using that native tissue.

NOTE Confidence: 0.853033948888889

00:27:01.970 --> 00:27:04.680 Something else that has really

NOTE Confidence: 0.853033948888889

00:27:04.680 --> 00:27:07.753 enhanced our field is the capacity for

NOTE Confidence: 0.853033948888889

00:27:07.753 --> 00:27:11.095 us to perform or to send to an artist a

NOTE Confidence: 0.853033948888889

00:27:11.100 --> 00:27:13.660 3D nipple areola tattooing.

NOTE Confidence: 0.853033948888889

00:27:13.660 --> 00:27:17.564 We have a nurse practitioner here at

NOTE Confidence: 0.853033948888889

00:27:17.564 --> 00:27:20.044 Yale plastic surgery that performs

NOTE Confidence: 0.853033948888889

00:27:20.044 --> 00:27:21.941 nipple areola tattooing after

NOTE Confidence: 0.853033948888889

00:27:21.941 --> 00:27:24.276 we've recreated that breast mound.

NOTE Confidence: 0.853033948888889

00:27:24.280 --> 00:27:27.295 So lots of options on that front as well.

NOTE Confidence: 0.853033948888889

00:27:27.300 --> 00:27:28.968 But the conversation really should be

NOTE Confidence: 0.853033948888889

00:27:28.968 --> 00:27:30.830 with the breast surgeon as it pertains

NOTE Confidence: 0.853033948888889

00:27:30.830 --> 00:27:32.499 to whether the nipple can be spared

NOTE Confidence: 0.853033948888889

00:27:32.499 --> 00:27:34.590 or not as a component of their

NOTE Confidence: 0.853033948888889

00:27:34.590 --> 00:27:35.580 cancer surgery.

NOTE Confidence: 0.877624424166667

00:27:36.290 --> 00:27:38.318 And then the other question that

NOTE Confidence: 0.877624424166667

00:27:38.318 --> 00:27:41.215 I think a lot of people have is

NOTE Confidence: 0.877624424166667

00:27:41.215 --> 00:27:43.417 what is their function and their

NOTE Confidence: 0.877624424166667

00:27:43.497 --> 00:27:45.629 sensation after a mastectomy.

NOTE Confidence: 0.877624424166667

00:27:45.630 --> 00:27:48.888 So does the nipple really work?

NOTE Confidence: 0.877624424166667

00:27:48.890 --> 00:27:52.746 Do they lose sensation in the breast area?

NOTE Confidence: 0.877624424166667

00:27:52.750 --> 00:27:54.130 Are there new techniques

NOTE Confidence: 0.877624424166667

00:27:54.130 --> 00:27:55.510 that can address that?

NOTE Confidence: 0.877624424166667

00:27:55.510 --> 00:27:56.918 Can you speak a little bit about that?

NOTE Confidence: 0.849580146666667

00:27:58.050 --> 00:28:00.708 I think that's another good question.

NOTE Confidence: 0.849580146666667

00:28:00.710 --> 00:28:02.908 Once again a lot of this

NOTE Confidence: 0.849580146666667

00:28:02.908 --> 00:28:04.850 is about setting expectations.

NOTE Confidence: 0.849580146666667

00:28:04.850 --> 00:28:07.447 In my experience I've been in practice

NOTE Confidence: 0.849580146666667

00:28:07.447 --> 00:28:09.850 over eight years after training for 12

NOTE Confidence: 0.849580146666667

00:28:09.850 --> 00:28:12.672 and what I have seen is that

NOTE Confidence: 0.849580146666667

00:28:12.672 --> 00:28:15.271 most of my patients say even when they

NOTE Confidence: 0.849580146666667

00:28:15.271 --> 00:28:17.376 aren't nipple sparing candidates

NOTE Confidence: 0.849580146666667

00:28:17.376 --> 00:28:20.200 the sensations not the same and we

NOTE Confidence: 0.849580146666667

00:28:20.200 --> 00:28:22.348 should prepare our patients for that.

NOTE Confidence: 0.849580146666667

00:28:22.350 --> 00:28:24.522 There are some techniques out there

NOTE Confidence: 0.849580146666667

00:28:24.522 --> 00:28:26.850 where we are doing nerve graphs

NOTE Confidence: 0.849580146666667

00:28:26.850 --> 00:28:28.194 but a lot of it's in it's

NOTE Confidence: 0.849580146666667

00:28:28.200 --> 00:28:30.450 infancy, and we're studying to see

NOTE Confidence: 0.849580146666667

00:28:30.450 --> 00:28:32.240 how effective those techniques are.

NOTE Confidence: 0.90578141

00:28:32.370 --> 00:28:34.482 Doctor Paris Butler is an associate

NOTE Confidence: 0.90578141

00:28:34.482 --> 00:28:36.599 professor in the division of Plastic

NOTE Confidence: 0.90578141

00:28:36.599 --> 00:28:38.846 Surgery at the Yale School of Medicine.

NOTE Confidence: 0.90578141

00:28:38.850 --> 00:28:40.906 If you have questions,

NOTE Confidence: 0.90578141

00:28:40.906 --> 00:28:42.916 the address is canceranswers@yale.edu,

NOTE Confidence: 0.90578141

00:28:42.916 --> 00:28:45.712 and past editions of the program

NOTE Confidence: 0.90578141

00:28:45.712 --> 00:28:48.131 are available in audio and written

NOTE Confidence: 0.90578141

00:28:48.131 --> 00:28:49.068 form at yalecancercenter.org.

NOTE Confidence: 0.90578141

00:28:49.068 --> 00:28:51.452 We hope you'll join us next week to

NOTE Confidence: 0.90578141

00:28:51.452 --> 00:28:53.267 learn more about the fight against

NOTE Confidence: 0.90578141

00:28:53.267 --> 00:28:55.070 cancer here on Connecticut Public Radio.

NOTE Confidence: 0.90578141

00:28:55.070 --> 00:28:56.478 Funding for Yale Cancer

NOTE Confidence: 0.90578141

00:28:56.478 --> 00:28:58.238 Answers is provided by Smilow

NOTE Confidence: 0.90578141

00:28:58.240 --> 00:29:00.000 Cancer Hospital.