WEBVTT

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

NOTE Confidence: 0.787833080909091

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

NOTE Confidence: 0.81814339875

00:00:06.490 --> 00:00:08.386 Welcome to Yale Cancer Answers with

NOTE Confidence: 0.81814339875

00:00:08.386 --> 00:00:10.337 your host, Doctor Anees Chagpar.

NOTE Confidence: 0.81814339875

00:00:10.337 --> 00:00:12.971 Yale Cancer Answers features the latest

NOTE Confidence: 0.81814339875

00:00:12.971 --> 00:00:15.337 information on cancer care by welcoming

NOTE Confidence: 0.81814339875

00:00:15.337 --> 00:00:17.890 oncologists and specialists who are on the

NOTE Confidence: 0.81814339875

00:00:17.890 --> 00:00:20.060 forefront of the battle to fight cancer.

NOTE Confidence: 0.81814339875

00:00:20.060 --> 00:00:21.722 This week, it's a conversation about

NOTE Confidence: 0.81814339875

00:00:21.722 --> 00:00:23.924 the care of head and neck cancer

NOTE Confidence: 0.81814339875

00:00:23.924 --> 00:00:25.654 patients with Doctor Benjamin Newton.

NOTE Confidence: 0.81814339875

00:00:25.660 --> 00:00:27.814 Doctor Newton is an assistant professor

NOTE Confidence: 0.81814339875

00:00:27.814 --> 00:00:29.643 of clinical medicine and medical

NOTE Confidence: 0.81814339875

00:00:29.643 --> 00:00:31.995 oncology at the Yale School of Medicine,

NOTE Confidence: 0.81814339875

00:00:32.000 --> 00:00:33.815 where Doctor Chagpar is a

NOTE Confidence: 0.81814339875

00:00:33.815 --> 00:00:35.267 professor of surgical oncology.

NOTE Confidence: 0.925293852173913

00:00:37.360 --> 00:00:39.344 Ben, maybe we can start off by you

NOTE Confidence: 0.925293852173913

00:00:39.344 --> 00:00:41.198 telling us a little bit more about

NOTE Confidence: 0.925293852173913

00:00:41.198 --> 00:00:43.220 yourself and what it is that you do.

NOTE Confidence: 0.842655975555556

00:00:44.100 --> 00:00:46.140 I'm trained as a hematologist and a

NOTE Confidence: 0.842655975555556

00:00:46.140 --> 00:00:47.772 medical oncologist.

NOTE Confidence: 0.842655975555556

00:00:47.780 --> 00:00:49.550 I take care of patients with

NOTE Confidence: 0.842655975555556

00:00:49.550 --> 00:00:51.233 a wide variety of oncology

NOTE Confidence: 0.842655975555556

00:00:51.233 --> 00:00:52.977 problems in my community,

NOTE Confidence: 0.842655975555556

00:00:52.980 --> 00:00:54.292 and I'm particularly interested

NOTE Confidence: 0.842655975555556

00:00:54.292 --> 00:00:55.932 in the care of patients

NOTE Confidence: 0.842655975555556

00:00:55.932 --> 00:00:57.528 with head and neck cancers.

NOTE Confidence: 0.804683087333334

00:00:58.460 --> 00:01:01.844 So you know head and neck cancers is kind

NOTE Confidence: 0.804683087333334

00:01:01.844 --> 00:01:05.242 of like this really broad bucket, right?

NOTE Confidence: 0.804683087333334

00:01:05.242 --> 00:01:07.414 I mean when we think about

NOTE Confidence: 0.804683087333334

00:01:07.414 --> 00:01:09.433 head and neck. I mean, geez,

NOTE Confidence: 0.804683087333334

00:01:09.433 --> 00:01:11.299 there's a million things in there.

NOTE Confidence: 0.804683087333334

00:01:11.300 --> 00:01:13.260 So can you break down for us what

NOTE Confidence: 0.804683087333334

00:01:13.260 --> 00:01:15.105 you're really talking about when you're

NOTE Confidence: 0.804683087333334

00:01:15.105 --> 00:01:17.049 talking about head and neck cancers?

NOTE Confidence: 0.880934193

00:01:17.600 --> 00:01:20.200 Of course, when we talk about head and

NOTE Confidence: 0.880934193

00:01:20.200 --> 00:01:22.047 neck cancer, we're really describing

NOTE Confidence: 0.880934193

00:01:22.047 --> 00:01:24.840 a number of cancers that can develop

NOTE Confidence: 0.880934193

00:01:24.915 --> 00:01:27.176 in or around the nose and sinuses,

NOTE Confidence: 0.880934193

00:01:27.180 --> 00:01:29.287 the mouth, the throat, and the voice.

NOTE Confidence: 0.880934193

00:01:29.290 --> 00:01:32.538 Blocks, and while these are distinct cancers,

NOTE Confidence: 0.880934193

00:01:32.540 --> 00:01:35.400 often with distinct treatment approaches,

NOTE Confidence: 0.880934193

00:01:35.400 --> 00:01:37.670 they're they're kind of brought

NOTE Confidence: 0.880934193

00:01:37.670 --> 00:01:39.486 together together as a.

NOTE Confidence: 0.880934193

00:01:39.490 --> 00:01:41.754 As a group, because they form what we

NOTE Confidence: 0.880934193

00:01:41.754 --> 00:01:43.989 call the upper aerodigestive tract,

NOTE Confidence: 0.880934193

00:01:43.990 --> 00:01:46.090 which has a surface layer

NOTE Confidence: 0.880934193

00:01:46.090 --> 00:01:47.770 of flat squamous cells.

NOTE Confidence: 0.880934193

00:01:47.770 --> 00:01:50.395 And most of these cancers form when

NOTE Confidence: 0.880934193

00:01:50.395 --> 00:01:51.900 previously healthy squamous cells

NOTE Confidence: 0.880934193

00:01:51.900 --> 00:01:53.790 change and grow out of control.

NOTE Confidence: 0.815009602947368

00:01:55.020 --> 00:01:57.736 So you know, when we think about

NOTE Confidence: 0.815009602947368

00:01:57.736 --> 00:01:59.642 these squamous cells that grow

NOTE Confidence: 0.815009602947368

00:01:59.642 --> 00:02:01.973 and kind of get out of control,

NOTE Confidence: 0.815009602947368

00:02:01.980 --> 00:02:03.276 are there other things that kind

NOTE Confidence: 0.815009602947368

00:02:03.276 --> 00:02:04.880 of link all of these together,

NOTE Confidence: 0.815009602947368

00:02:04.880 --> 00:02:06.680 certain risk factors,

NOTE Confidence: 0.815009602947368

00:02:06.680 --> 00:02:08.850 family history, other traits?

NOTE Confidence: 0.753832109230769

00:02:09.240 --> 00:02:13.118 I would say that the most important

NOTE Confidence: 0.753832109230769

00:02:13.118 --> 00:02:16.459 known risk factor is tobacco use.

NOTE Confidence: 0.753832109230769

00:02:16.460 --> 00:02:19.568 There are some evidence for a genetic

NOTE Confidence: 0.753832109230769

00:02:19.568 --> 00:02:21.950 predisposition to the cancer causing

NOTE Confidence: 0.753832109230769

00:02:21.950 --> 00:02:25.345 effects of tobacco and in addition tobacco.

NOTE Confidence: 0.753832109230769

00:02:25.350 --> 00:02:27.170 And alcohol consumption together

NOTE Confidence: 0.753832109230769

00:02:27.170 --> 00:02:29.445 can have a synergistic effect.

NOTE Confidence: 0.753832109230769

00:02:29.450 --> 00:02:31.605 That means that they conspire

NOTE Confidence: 0.753832109230769

00:02:31.605 --> 00:02:34.290 together to make things even worse,

NOTE Confidence: 0.753832109230769

00:02:34.290 --> 00:02:36.684 and that repeated exposure of the

NOTE Confidence: 0.753832109230769

00:02:36.684 --> 00:02:38.841 lining of the upper aerodigestive

NOTE Confidence: 0.753832109230769

00:02:38.841 --> 00:02:42.215 tract to the cancer causing effects of

NOTE Confidence: 0.753832109230769

00:02:42.215 --> 00:02:45.140 tobacco and alcohol can cause cancer.

NOTE Confidence: 0.753832109230769

00:02:45.140 --> 00:02:47.408 And then we're also seeing that

NOTE Confidence: 0.753832109230769

00:02:47.408 --> 00:02:50.129 there is a significant rise in recent

NOTE Confidence: 0.753832109230769

00:02:50.129 --> 00:02:52.775 decades of HPV related cancers as well.

NOTE Confidence: 0.829658566666667

00:02:53.460 --> 00:02:56.046 Now when we talk about HPV, most people

NOTE Confidence: 0.829658566666667

00:02:56.046 --> 00:02:58.100 think about cervical cancer, right?

NOTE Confidence: 0.805108207692308

00:02:58.600 --> 00:03:00.616 That's true, but there are several

NOTE Confidence: 0.805108207692308

00:03:00.616 --> 00:03:02.860 cancer types that are caused by HPV,

NOTE Confidence: 0.805108207692308

00:03:02.860 --> 00:03:04.702 including cervical, vaginal,

NOTE Confidence: 0.805108207692308

00:03:04.702 --> 00:03:07.158 vulvar cancers in women,

NOTE Confidence: 0.805108207692308

00:03:07.160 --> 00:03:09.960 anal cancers, HPV, associated head,

NOTE Confidence: 0.805108207692308

00:03:09.960 --> 00:03:11.148 neck, cancers, of course,

NOTE Confidence: 0.805108207692308

00:03:11.148 --> 00:03:12.865 and then also, it causes genital

NOTE Confidence: 0.805108207692308

00:03:12.865 --> 00:03:14.515 warts in both men and women.

NOTE Confidence: 0.711727436666667

00:03:15.410 --> 00:03:18.767 And so you know when we think about head,

NOTE Confidence: 0.711727436666667

00:03:18.770 --> 00:03:21.150 neck cancers and we think

NOTE Confidence: 0.711727436666667

00:03:21.150 --> 00:03:23.064 about these risk factors.

NOTE Confidence: 0.711727436666667

00:03:23.064 --> 00:03:26.410 So certainly one thing that we can

NOTE Confidence: 0.711727436666667

00:03:26.504 --> 00:03:29.264 do in terms of primary prevention

NOTE Confidence: 0.711727436666667

00:03:29.264 --> 00:03:32.530 to reduce our risk is don't smoke,

NOTE Confidence: 0.711727436666667

00:03:32.530 --> 00:03:35.855 don't drink, don't do both of them

NOTE Confidence: 0.711727436666667

00:03:35.855 --> 00:03:38.729 together because they are synergistic.

NOTE Confidence: 0.711727436666667

00:03:38.730 --> 00:03:41.406 Is there? Is there a threshold,

NOTE Confidence: 0.711727436666667

00:03:41.410 --> 00:03:46.250 like a safe amount of tobacco or alcohol?

NOTE Confidence: 0.711727436666667

00:03:46.250 --> 00:03:48.554 Is this dose dependent or is

NOTE Confidence: 0.711727436666667

00:03:48.554 --> 00:03:50.090 it really your recommendation

NOTE Confidence: 0.711727436666667

00:03:50.160 --> 00:03:51.950 that people abstain as much

NOTE Confidence: 0.880920319285714

00:03:51.960 --> 00:03:55.131 as possible? So we think of tobacco

NOTE Confidence: 0.880920319285714

00:03:55.131 --> 00:03:58.339 sort of being the main risk here,

NOTE Confidence: 0.880920319285714

00:03:58.340 --> 00:04:01.840 and alcohol as something of a cofactor.

NOTE Confidence: 0.880920319285714

00:04:01.840 --> 00:04:04.366 I think it's agreed that that

NOTE Confidence: 0.880920319285714

00:04:04.366 --> 00:04:06.440 people shouldn't smoke at all,

NOTE Confidence: 0.880920319285714

00:04:06.440 --> 00:04:08.276 and I know it's it's generally

NOTE Confidence: 0.880920319285714

00:04:08.276 --> 00:04:10.080 very hard to stop smoking,

NOTE Confidence: 0.880920319285714

00:04:10.080 --> 00:04:12.103 but more than three out of five

NOTE Confidence: 0.880920319285714

00:04:12.103 --> 00:04:13.749 adults who have ever smoked

NOTE Confidence: 0.880920319285714

00:04:13.749 --> 00:04:15.891 cigarettes in the United States have

NOTE Confidence: 0.880920319285714

00:04:15.891 --> 00:04:17.960 been able to successfully quit.

NOTE Confidence: 0.880920319285714

00:04:17.960 --> 00:04:19.856 I think it's harder to argue

NOTE Confidence: 0.880920319285714

00:04:19.856 --> 00:04:21.120 that people should abstain

NOTE Confidence: 0.880920319285714

00:04:21.187 --> 00:04:22.799 completely from alcohol use,

NOTE Confidence: 0.880920319285714

00:04:22.800 --> 00:04:24.708 but less is definitely more when

NOTE Confidence: 0.880920319285714

00:04:24.708 --> 00:04:27.090 it comes to this particular risk.

NOTE Confidence: 0.759042856

00:04:28.300 --> 00:04:32.620 And so and then and then with regards

NOTE Confidence: 0.759042856

00:04:32.620 --> 00:04:36.034 to HPV, any words of wisdom in terms

NOTE Confidence: 0.759042856

00:04:36.034 --> 00:04:38.470 of preventing an HPV infection?

NOTE Confidence: 0.4268915204

00:04:38.800 --> 00:04:45.050 Absolutely so we are now using an

NOTE Confidence: 0.4268915204

00:04:45.050 --> 00:04:48.375 HPV vaccine with the thoughts.

NOTE Confidence: 0.4268915204

00:04:48.380 --> 00:04:50.788 Not that it, not that it only

NOTE Confidence: 0.4268915204

00:04:50.788 --> 00:04:53.320 reduces the risk of cervical cancer,

NOTE Confidence: 0.4268915204

00:04:53.320 --> 00:04:56.008 but that it can reduce the

NOTE Confidence: 0.4268915204

00:04:56.008 --> 00:04:57.800 risk of HPV associated.

NOTE Confidence: 0.4268915204

00:04:57.800 --> 00:05:00.128 Had a neck cancers as well.

NOTE Confidence: 0.4268915204

00:05:00.130 --> 00:05:02.140 This vaccine was developed to

NOTE Confidence: 0.4268915204

00:05:02.140 --> 00:05:05.830 prevent cervical cancers, of course.

NOTE Confidence: 0.4268915204

00:05:05.830 --> 00:05:10.186 And so now we're recommending that.

NOTE Confidence: 0.4268915204

00:05:10.190 --> 00:05:13.746 That children 11 to 12 boys and

NOTE Confidence: 0.4268915204

00:05:13.746 --> 00:05:16.159 girls get vaccinated for HPV.

NOTE Confidence: 0.4268915204

00:05:16.160 --> 00:05:18.770 And the Centers for Disease Control

NOTE Confidence: 0.4268915204

00:05:18.770 --> 00:05:20.510 also recommends HPV vaccination

NOTE Confidence: 0.4268915204

00:05:20.580 --> 00:05:22.998 for everyone through age 26 if

NOTE Confidence: 0.4268915204

00:05:22.998 --> 00:05:24.610 they're not vaccinated already.

NOTE Confidence: 0.82386818775

00:05:25.080 --> 00:05:28.587 So. Now if you think about the

NOTE Confidence: 0.82386818775

00:05:28.587 --> 00:05:31.470 epidemiology of head neck cancers,

NOTE Confidence: 0.82386818775

00:05:31.470 --> 00:05:33.857 these tend to occur in people as

NOTE Confidence: 0.82386818775

00:05:33.857 --> 00:05:35.648 they get older, is that right?

NOTE Confidence: 0.7869462228

00:05:36.420 --> 00:05:37.701 That's that's correct.

NOTE Confidence: 0.7869462228

00:05:37.701 --> 00:05:40.263 I think when we're thinking about

NOTE Confidence: 0.7869462228

00:05:40.263 --> 00:05:42.422 HPV associated cancers where seeing

NOTE Confidence: 0.7869462228

00:05:42.422 --> 00:05:45.370 this more in men and we're seeing

NOTE Confidence: 0.7869462228

00:05:45.370 --> 00:05:48.114 it more in in in some younger

NOTE Confidence: 0.7869462228

00:05:48.114 --> 00:05:51.740 patients sometimes aged 4050.

NOTE Confidence: 0.7869462228

00:05:51.740 --> 00:05:54.722 We think about. For that reason

NOTE Confidence: 0.7869462228

00:05:54.722 --> 00:05:57.124 we also sometimes will you know,

NOTE Confidence: 0.7869462228

00:05:57.124 --> 00:05:58.159 think about whether it might

NOTE Confidence: 0.7869462228

00:05:58.159 --> 00:05:59.490 make sense for some individuals,

NOTE Confidence: 0.7869462228

00:05:59.490 --> 00:06:01.798 perhaps older than 27,

NOTE Confidence: 0.7869462228

00:06:01.798 --> 00:06:04.683 to get the HPV vaccine.

NOTE Confidence: 0.7869462228

00:06:04.690 --> 00:06:08.330 And in fact, these days this the

NOTE Confidence: 0.7869462228

00:06:08.330 --> 00:06:11.790 vaccine is approved up through age 45,

NOTE Confidence: 0.7869462228

00:06:11.790 --> 00:06:14.616 so patients can speak with their

NOTE Confidence: 0.7869462228

00:06:14.616 --> 00:06:17.623 physician if they're older than age

NOTE Confidence: 0.7869462228

00:06:17.623 --> 00:06:20.218 27 about whether their individual

NOTE Confidence: 0.7869462228

00:06:20.218 --> 00:06:22.260 situation lends itself well.

NOTE Confidence: 0.7869462228

00:06:22.260 --> 00:06:25.446 To receiving the vaccination for HPV.

NOTE Confidence: 0.906413955

00:06:26.390 --> 00:06:28.670 Why is there an age cutoff at all?

NOTE Confidence: 0.906413955

00:06:28.670 --> 00:06:30.614 I mean, when we think about

NOTE Confidence: 0.906413955

00:06:30.614 --> 00:06:32.302 vaccines like COVID, for example,

NOTE Confidence: 0.906413955

00:06:32.302 --> 00:06:34.438 which many of us now have

NOTE Confidence: 0.906413955

00:06:34.438 --> 00:06:36.229 become very familiar with,

NOTE Confidence: 0.906413955

00:06:36.230 --> 00:06:39.542 we really started vaccinating people who

NOTE Confidence: 0.906413955

00:06:39.542 --> 00:06:43.530 are older who were immunocompromised.

NOTE Confidence: 0.906413955

00:06:43.530 --> 00:06:46.169 Why is it with HPV that it's

NOTE Confidence: 0.906413955

00:06:46.169 --> 00:06:48.150 kind of the reverse.

NOTE Confidence: 0.906413955

00:06:48.150 --> 00:06:51.082 We're vaccinating children and

NOTE Confidence: 0.906413955

00:06:51.082 --> 00:06:54.014 really limiting vaccinations to

NOTE Confidence: 0.906413955

00:06:54.014 --> 00:06:57.970 people over the age of? Of 46.

NOTE Confidence: 0.858809718666667

00:06:58.400 --> 00:07:01.865 The reason for that is because HPV

NOTE Confidence: 0.858809718666667

00:07:01.865 --> 00:07:04.974 vaccination is intended to prevent new

NOTE Confidence: 0.858809718666667

00:07:04.974 --> 00:07:07.980 HIV infections, but does not really

NOTE Confidence: 0.858809718666667

00:07:07.980 --> 00:07:10.455 treat existing infections or diseases.

NOTE Confidence: 0.858809718666667

00:07:10.460 --> 00:07:13.380 That's why the HPV vaccine works best when

NOTE Confidence: 0.858809718666667

00:07:13.380 --> 00:07:16.040 it's given before any exposure to HPV.

NOTE Confidence: 0.858809718666667

00:07:16.040 --> 00:07:18.596 And the thought is that as people get older,

NOTE Confidence: 0.858809718666667

00:07:18.600 --> 00:07:20.580 they're more likely to already

NOTE Confidence: 0.858809718666667

00:07:20.580 --> 00:07:22.560 have been exposed to HPV.

NOTE Confidence: 0.858809718666667

00:07:22.560 --> 00:07:24.680 But of course, even if a person has

NOTE Confidence: 0.858809718666667

00:07:24.680 --> 00:07:26.399 been infected with one type of HPV,

NOTE Confidence: 0.858809718666667

00:07:26.400 --> 00:07:27.390 it may not be too late.

NOTE Confidence: 0.858809718666667

00:07:27.390 --> 00:07:29.574 To help protect oneself from certain

NOTE Confidence: 0.858809718666667

00:07:29.574 --> 00:07:32.248 cancers caused by other types of the virus.

NOTE Confidence: 0.898533396666667

00:07:32.700 --> 00:07:35.731 Cool so we've talked a little bit

NOTE Confidence: 0.898533396666667

00:07:35.731 --> 00:07:38.320 about primary prevention in terms of

NOTE Confidence: 0.898533396666667

00:07:38.320 --> 00:07:41.141 minimizing the the three main risk factors

NOTE Confidence: 0.898533396666667

00:07:41.223 --> 00:07:43.834 for getting a head and neck cancer.

NOTE Confidence: 0.898533396666667

00:07:43.840 --> 00:07:47.232 You know, the next issue is really the

NOTE Confidence: 0.898533396666667

00:07:47.232 --> 00:07:49.532 secondary prevention, so you know,

NOTE Confidence: 0.898533396666667

00:07:49.532 --> 00:07:53.645 we often think about screening in terms of

NOTE Confidence: 0.898533396666667

00:07:53.645 --> 00:07:57.395 mammograms and pap smears and colonoscopies.

NOTE Confidence: 0.898533396666667

00:07:57.400 --> 00:08:01.135 And even low dose CT's for for lung cancer

NOTE Confidence: 0.898533396666667

00:08:01.135 --> 00:08:04.106 screening for people who are are smokers.

NOTE Confidence: 0.898533396666667

00:08:04.110 --> 00:08:06.582 What do we have in terms of screening

NOTE Confidence: 0.898533396666667

00:08:06.582 --> 00:08:08.920 for head neck cancers, anything?

NOTE Confidence: 0.867814667894737

00:08:09.530 --> 00:08:11.630 Currently there are no screening methods

NOTE Confidence: 0.867814667894737

00:08:11.630 --> 00:08:13.759 that have been proven to increase

NOTE Confidence: 0.867814667894737

00:08:13.759 --> 00:08:16.090 survival rates for head and neck cancers.

NOTE Confidence: 0.867814667894737

00:08:16.090 --> 00:08:18.586 That being said, a screening physical

NOTE Confidence: 0.867814667894737

00:08:18.586 --> 00:08:21.002 examination of the neck, the oropharynx,

NOTE Confidence: 0.867814667894737

00:08:21.002 --> 00:08:23.634 which is that middle section of the

NOTE Confidence: 0.867814667894737

00:08:23.634 --> 00:08:26.027 throat that includes the soft palate,

NOTE Confidence: 0.867814667894737

00:08:26.030 --> 00:08:28.454 the base of the tongue and the tonsils.

NOTE Confidence: 0.867814667894737

00:08:28.460 --> 00:08:30.616 As well as the mouth has been

NOTE Confidence: 0.867814667894737

00:08:30.616 --> 00:08:32.638 pretty widely adopted as part of

NOTE Confidence: 0.867814667894737

00:08:32.638 --> 00:08:34.018 a routine dental examination,

NOTE Confidence: 0.867814667894737

00:08:34.020 --> 00:08:36.040 so it's very important to

NOTE Confidence: 0.867814667894737

00:08:36.040 --> 00:08:38.060 keep current with the dentist.

NOTE Confidence: 0.867814667894737

00:08:38.060 --> 00:08:39.908 Also over the years within our

NOTE Confidence: 0.867814667894737

00:08:39.908 --> 00:08:41.933 community we have had head and

NOTE Confidence: 0.867814667894737

00:08:41.933 --> 00:08:43.768 neck cancer screening health fairs

NOTE Confidence: 0.867814667894737

00:08:43.768 --> 00:08:46.162 which are intended to catch some of

NOTE Confidence: 0.867814667894737

00:08:46.162 --> 00:08:48.010 these cancers as early as possible,

NOTE Confidence: 0.739022758071429

00:08:48.360 --> 00:08:51.606 and so let's suppose you haven't

NOTE Confidence: 0.739022758071429

00:08:51.606 --> 00:08:55.989 quite made it to the dentist as yet.

NOTE Confidence: 0.739022758071429

00:08:55.990 --> 00:08:58.804 Not saying anything but a lot

NOTE Confidence: 0.739022758071429

00:08:58.804 --> 00:09:00.680 of people don't particularly

NOTE Confidence: 0.739022758071429

00:09:00.766 --> 00:09:02.866 love going to the dentist.

NOTE Confidence: 0.739022758071429

00:09:02.870 --> 00:09:05.138 What should people be looking for

NOTE Confidence: 0.739022758071429

00:09:05.138 --> 00:09:07.505 in terms of signs and symptoms

NOTE Confidence: 0.739022758071429

00:09:07.505 --> 00:09:10.207 that might clue them into the fact

NOTE Confidence: 0.739022758071429

00:09:10.207 --> 00:09:12.750 that it may be time to pay a visit

NOTE Confidence: 0.739022758071429

00:09:12.750 --> 00:09:14.698 it to get something checked out,

NOTE Confidence: 0.813598909111111

00:09:15.290 --> 00:09:18.395 so part of the reason that we don't have.

NOTE Confidence: 0.850647662

00:09:20.940 --> 00:09:23.442 Solid screening tools other screening tools

NOTE Confidence: 0.850647662

00:09:23.442 --> 00:09:26.795 for head and neck cancer is that these

NOTE Confidence: 0.850647662

00:09:26.795 --> 00:09:29.213 cancers often present in early stages,

NOTE Confidence: 0.850647662

00:09:29.220 --> 00:09:31.760 with symptoms that themselves prompt

NOTE Confidence: 0.850647662

00:09:31.760 --> 00:09:34.300 people to seek medical attention.

NOTE Confidence: 0.850647662

00:09:34.300 --> 00:09:36.666 Some of the main symptoms that lead

NOTE Confidence: 0.850647662

00:09:36.666 --> 00:09:39.019 to the diagnosis of a head and

NOTE Confidence: 0.850647662

00:09:39.019 --> 00:09:40.927 neck cancer include swelling in the

NOTE Confidence: 0.850647662

00:09:40.999 --> 00:09:43.075 mouth or sore that doesn't heal,

NOTE Confidence: 0.850647662

00:09:43.080 --> 00:09:45.798 a red or a white patch in the mouth,

NOTE Confidence: 0.850647662

00:09:45.800 --> 00:09:47.396 a lump in the neck area,

NOTE Confidence: 0.850647662

00:09:47.400 --> 00:09:49.412 with or without pain.

NOTE Confidence: 0.850647662

00:09:49.412 --> 00:09:52.708 A persistent sore throat, a voice change,

NOTE Confidence: 0.850647662

00:09:52.708 --> 00:09:54.838 and sometimes even frequent nose

NOTE Confidence: 0.850647662

00:09:54.838 --> 00:09:57.530 bleeds or unusual nasal discharge.

NOTE Confidence: 0.850647662

00:09:57.530 --> 00:10:00.197 Now, it's tricky because we all get

NOTE Confidence: 0.850647662

00:10:00.197 --> 00:10:02.309 these symptoms from time to time,

NOTE Confidence: 0.850647662

00:10:02.310 --> 00:10:04.858 and it's not uncommon to see patients

NOTE Confidence: 0.850647662

00:10:04.858 --> 00:10:07.569 seek medical help for these issues

NOTE Confidence: 0.850647662

00:10:07.569 --> 00:10:09.633 and get prescribed antibiotics

NOTE Confidence: 0.850647662

00:10:09.633 --> 00:10:11.181 or decongestant decongestants.

NOTE Confidence: 0.850647662

00:10:11.190 --> 00:10:13.174 But So what I really want to tell

NOTE Confidence: 0.850647662

00:10:13.174 --> 00:10:15.409 people is that if the symptoms persist,

NOTE Confidence: 0.850647662

00:10:15.410 --> 00:10:17.690 say for four weeks or longer,

NOTE Confidence: 0.850647662

00:10:17.690 --> 00:10:19.340 then they really should get checked

NOTE Confidence: 0.850647662

00:10:19.340 --> 00:10:20.440 out by a specialist.

NOTE Confidence: 0.850647662

00:10:20.440 --> 00:10:21.896 Such as an otolaryngologist,

NOTE Confidence: 0.850647662

00:10:21.896 --> 00:10:23.716 also known as an ear,

NOTE Confidence: 0.850647662

00:10:23.720 --> 00:10:24.960 nose and throat doctor

NOTE Confidence: 0.882414863

00:10:25.220 --> 00:10:27.551 and so you know one of the things that

NOTE Confidence: 0.882414863

00:10:27.551 --> 00:10:30.035 you just mentioned is that these tend

NOTE Confidence: 0.882414863

00:10:30.035 --> 00:10:32.101 to present with symptoms that cause

NOTE Confidence: 0.882414863

00:10:32.101 --> 00:10:34.373 people to go to the doctor and they

NOTE Confidence: 0.882414863

00:10:34.380 --> 00:10:36.476 tend to be found at an early stage.

NOTE Confidence: 0.882414863

00:10:36.480 --> 00:10:38.349 So does that mean that most of

NOTE Confidence: 0.882414863

00:10:38.349 --> 00:10:40.578 these have a really good prognosis?

NOTE Confidence: 0.856539347142857

00:10:41.670 --> 00:10:43.524 In general, yes.

NOTE Confidence: 0.856539347142857

00:10:43.524 --> 00:10:48.660 So when we see. Early stage.

NOTE Confidence: 0.856539347142857

00:10:48.660 --> 00:10:51.130 The neck cancers that are

NOTE Confidence: 0.856539347142857

00:10:51.130 --> 00:10:53.106 associated with HPV positivity,

NOTE Confidence: 0.856539347142857

00:10:53.110 --> 00:10:54.460 their survival is really good,

NOTE Confidence: 0.856539347142857

00:10:54.460 --> 00:10:59.030 around 80 to 90% five years in cancers

NOTE Confidence: 0.856539347142857

00:10:59.030 --> 00:11:01.100 that are not associated with HPV,

NOTE Confidence: 0.856539347142857

00:11:01.100 --> 00:11:03.112 perhaps more tobacco related,

NOTE Confidence: 0.856539347142857

00:11:03.112 --> 00:11:05.627 these cancers are generally associated

NOTE Confidence: 0.856539347142857

00:11:05.627 --> 00:11:08.059 with a lower five year survival,

NOTE Confidence: 0.856539347142857

00:11:08.060 --> 00:11:10.290 but it's still around 5060%.

NOTE Confidence: 0.840039017777778

00:11:11.610 --> 00:11:14.130 Is there a difference based

NOTE Confidence: 0.840039017777778

00:11:14.130 --> 00:11:16.146 on the etiologic factor?

NOTE Confidence: 0.840039017777778

00:11:16.150 --> 00:11:17.990 Do they cause different mutations

NOTE Confidence: 0.840039017777778

00:11:17.990 --> 00:11:20.340 in these cancer cells such that

NOTE Confidence: 0.840039017777778

00:11:20.340 --> 00:11:22.108 the cancers behave differently?

NOTE Confidence: 0.778344985076923

00:11:23.540 --> 00:11:26.844 The in the mechanism of cellular injury

NOTE Confidence: 0.778344985076923

00:11:26.844 --> 00:11:29.618 is different for HPV associated head

NOTE Confidence: 0.778344985076923

00:11:29.618 --> 00:11:33.177 and neck cancers and and not a HPV

NOTE Confidence: 0.778344985076923

00:11:33.177 --> 00:11:35.777 associated head and neck cancers.

NOTE Confidence: 0.778344985076923

00:11:35.780 --> 00:11:39.917 When in the absence of HPV association,

NOTE Confidence: 0.778344985076923

00:11:39.920 --> 00:11:42.705 it's generally tobacco exposure that

NOTE Confidence: 0.778344985076923

00:11:42.705 --> 00:11:46.231 drives the process and these these

NOTE Confidence: 0.778344985076923

00:11:46.231 --> 00:11:50.550 carcinogens in tobacco tend to impact a

NOTE Confidence: 0.778344985076923

00:11:50.665 --> 00:11:53.615 gene called P53 which is a type of tumor.

NOTE Confidence: 0.778344985076923

00:11:53.620 --> 00:11:55.590 Suppressor gene and when this

NOTE Confidence: 0.778344985076923

00:11:55.590 --> 00:11:57.560 tumor suppressor gene gets mutated,

NOTE Confidence: 0.778344985076923

00:11:57.560 --> 00:12:00.304 the result is almost genetic anarchy and

NOTE Confidence: 0.778344985076923

00:12:00.304 --> 00:12:03.238 tumors that have a lot of mutations that

NOTE Confidence: 0.778344985076923

00:12:03.238 --> 00:12:05.960 tend to be more resistant to treatments.

NOTE Confidence: 0.778344985076923

00:12:05.960 --> 00:12:07.904 And that most likely explains the

NOTE Confidence: 0.778344985076923

00:12:07.904 --> 00:12:10.000 the basis of the difference that

NOTE Confidence: 0.778344985076923

00:12:10.000 --> 00:12:12.190 we see in outcomes over time.

NOTE Confidence: 0.768874561

00:12:13.080 --> 00:12:15.275 And so let's suppose you

NOTE Confidence: 0.768874561

00:12:15.275 --> 00:12:17.470 find one of these areas.

NOTE Confidence: 0.768874561

00:12:17.470 --> 00:12:19.326 You find a bump in your neck that

NOTE Confidence: 0.768874561

00:12:19.326 --> 00:12:20.957 stayed there for more than a month,

NOTE Confidence: 0.768874561

00:12:20.960 --> 00:12:23.515 or a white plaque in your mouth.

NOTE Confidence: 0.768874561

00:12:23.520 --> 00:12:26.478 Or maybe you've had persistent nosebleeds,

NOTE Confidence: 0.768874561

00:12:26.480 --> 00:12:28.776 and these aren't just the usual kind of.

NOTE Confidence: 0.768874561

00:12:28.780 --> 00:12:30.976 It's really dry in here. Kind of.

NOTE Confidence: 0.768874561

00:12:30.976 --> 00:12:32.516 This is my usual Nosebleed.

NOTE Confidence: 0.768874561

00:12:32.520 --> 00:12:35.928 But this is nosebleeds that are

NOTE Confidence: 0.768874561

00:12:35.928 --> 00:12:38.200 are constant and persistent.

NOTE Confidence: 0.768874561

00:12:38.200 --> 00:12:40.776 And you go and see the doctor.

NOTE Confidence: 0.768874561

00:12:40.780 --> 00:12:42.868 What should you expect?

NOTE Confidence: 0.71849925315

00:12:43.340 --> 00:12:46.934 Well, it's likely that the doctor

NOTE Confidence: 0.71849925315

00:12:46.934 --> 00:12:50.319 might represent a recommend a biopsy.

NOTE Confidence: 0.71849925315

00:12:50.320 --> 00:12:51.890 We typically think about something

NOTE Confidence: 0.71849925315

00:12:51.890 --> 00:12:53.460 called a fine needle biopsy,

NOTE Confidence: 0.71849925315

00:12:53.460 --> 00:12:55.632 where we take some cells and

NOTE Confidence: 0.71849925315

00:12:55.632 --> 00:12:57.707 examine them under the microscope

NOTE Confidence: 0.71849925315

00:12:57.707 --> 00:13:00.014 to determine whether whether there

NOTE Confidence: 0.71849925315

00:13:00.014 --> 00:13:01.649 are any cancer cells present,

NOTE Confidence: 0.641880901923077

00:13:01.760 --> 00:13:04.938 and so if that should come back

NOTE Confidence: 0.641880901923077

00:13:04.938 --> 00:13:08.469 and render a diagnosis of cancer.

NOTE Confidence: 0.641880901923077

00:13:08.470 --> 00:13:09.628 What happens next?

NOTE Confidence: 0.641880901923077

00:13:09.628 --> 00:13:12.330 Do people generally get scans to see

NOTE Confidence: 0.641880901923077

00:13:12.402 --> 00:13:15.066 whether this has spread anywhere else,

NOTE Confidence: 0.641880901923077

00:13:15.070 --> 00:13:16.701 and and how common is it for

NOTE Confidence: 0.641880901923077

00:13:16.701 --> 00:13:18.290 head and neck cancers to spread

NOTE Confidence: 0.641880901923077

00:13:18.290 --> 00:13:19.952 to other parts of the body?

NOTE Confidence: 0.885705281

00:13:21.770 --> 00:13:23.370 Once we've made a diagnosis

NOTE Confidence: 0.885705281

00:13:23.370 --> 00:13:24.970 of head and neck cancer,

NOTE Confidence: 0.885705281

00:13:24.970 --> 00:13:27.088 we generally do obtain scans and

NOTE Confidence: 0.885705281

00:13:27.088 --> 00:13:29.368 then we start to get everyone

NOTE Confidence: 0.885705281

00:13:29.368 --> 00:13:31.744 together to discuss what to do.

NOTE Confidence: 0.885705281

00:13:31.750 --> 00:13:34.410 The care of patients with head and

NOTE Confidence: 0.885705281

00:13:34.410 --> 00:13:36.769 neck cancers is highly complex,

NOTE Confidence: 0.885705281

00:13:36.770 --> 00:13:39.806 so it needs to be both

NOTE Confidence: 0.885705281

00:13:39.806 --> 00:13:41.324 collaborative and coordinated.

NOTE Confidence: 0.885705281

00:13:41.330 --> 00:13:43.206 It requires a multidisciplinary

NOTE Confidence: 0.885705281

00:13:43.206 --> 00:13:45.551 team approach that leverages the

NOTE Confidence: 0.885705281

00:13:45.551 --> 00:13:47.425 combined experience of various

NOTE Confidence: 0.885705281

00:13:47.425 --> 00:13:49.201 physicians and other specialists

NOTE Confidence: 0.885705281

00:13:49.201 --> 00:13:51.499 to achieve the best outcomes.

NOTE Confidence: 0.885705281

00:13:51.500 --> 00:13:52.130 We always talk

NOTE Confidence: 0.897249112173913

00:13:52.140 --> 00:13:53.184 about, you know what?

NOTE Confidence: 0.897249112173913

00:13:53.184 --> 00:13:55.110 I want you to hold that thought

NOTE Confidence: 0.897249112173913

00:13:55.110 --> 00:13:57.217 because it does sound like it will

NOTE Confidence: 0.897249112173913

00:13:57.217 --> 00:13:59.159 be really complex and intricate,

NOTE Confidence: 0.897249112173913

00:13:59.160 --> 00:14:01.302 and I want to get into that

NOTE Confidence: 0.897249112173913

00:14:01.302 --> 00:14:03.128 conversation right after we take a

NOTE Confidence: 0.897249112173913

00:14:03.128 --> 00:14:04.814 short break for a medical minute.

NOTE Confidence: 0.897249112173913

00:14:04.820 --> 00:14:06.590 Please stay tuned to learn

NOTE Confidence: 0.897249112173913

00:14:06.590 --> 00:14:08.360 more about innovations in head

NOTE Confidence: 0.897249112173913

00:14:08.424 --> 00:14:10.039 neck cancer with my guest,

NOTE Confidence: 0.897249112173913

00:14:10.040 --> 00:14:11.408 doctor Benjamin Newton.

NOTE Confidence: 0.778303253

00:14:11.900 --> 00:14:13.880 Funding for Yale Cancer Answers

NOTE Confidence: 0.778303253

00:14:13.880 --> 00:14:15.860 comes from Smilow Cancer Hospital,

NOTE Confidence: 0.778303253

00:14:15.860 --> 00:14:18.807 where you can view videos from their

NOTE Confidence: 0.778303253

00:14:18.807 --> 00:14:21.733 survivorship team by searching for the

NOTE Confidence: 0.778303253

00:14:21.733 --> 00:14:24.368 Smilow survivorship playlist on YouTube.

NOTE Confidence: 0.778303253

00:14:24.370 --> 00:14:27.238 The American Cancer Society estimates that

NOTE Confidence: 0.778303253

00:14:27.238 --> 00:14:29.754 over 200,000 cases of Melanoma will be

NOTE Confidence: 0.778303253

00:14:29.754 --> 00:14:32.180 diagnosed in the United States this year,

NOTE Confidence: 0.778303253

00:14:32.180 --> 00:14:35.288 with over 1000 patients in Connecticut alone.

NOTE Confidence: 0.778303253

00:14:35.290 --> 00:14:37.575 While Melanoma accounts for only

NOTE Confidence: 0.778303253

00:14:37.575 --> 00:14:40.078 about 1% of skin cancer cases,

NOTE Confidence: 0.778303253

00:14:40.078 --> 00:14:43.080 it causes the most skin cancer deaths,

NOTE Confidence: 0.778303253

00:14:43.080 --> 00:14:44.500 but when detected early,

NOTE Confidence: 0.778303253

00:14:44.500 --> 00:14:47.210 it is easily treated and highly curable.

NOTE Confidence: 0.778303253

00:14:47.210 --> 00:14:49.102 Clinical trials are currently

NOTE Confidence: 0.778303253

00:14:49.102 --> 00:14:50.994 underway at federally designated

NOTE Confidence: 0.778303253

00:14:50.994 --> 00:14:52.941 Comprehensive cancer centers such as

NOTE Confidence: 0.778303253

00:14:52.941 --> 00:14:55.132 Yale Cancer Center and Smilow Cancer

NOTE Confidence: 0.778303253

00:14:55.140 --> 00:14:57.092 Hospital to test innovative

NOTE Confidence: 0.778303253

00:14:57.092 --> 00:14:59.044 new treatments for Melanoma.

NOTE Confidence: 0.778303253

00:14:59.050 --> 00:15:01.258 The goal of the specialized programs

NOTE Confidence: 0.778303253

00:15:01.258 --> 00:15:03.124 of research excellence in Skin

NOTE Confidence: 0.778303253

00:15:03.124 --> 00:15:05.116 Cancer Grant is to better understand

NOTE Confidence: 0.778303253

00:15:05.116 --> 00:15:06.889 the biology of skin cancer,

NOTE Confidence: 0.778303253

00:15:06.890 --> 00:15:08.595 where the focus on discovering

NOTE Confidence: 0.778303253

00:15:08.595 --> 00:15:10.863 targets that will lead to improved

NOTE Confidence: 0.778303253

00:15:10.863 --> 00:15:12.369 diagnosis and treatment.

NOTE Confidence: 0.778303253

00:15:12.370 --> 00:15:14.810 More information is available

NOTE Confidence: 0.778303253

00:15:14.810 --> 00:15:15.882 at yalecancercenter.org.

NOTE Confidence: 0.778303253

00:15:15.882 --> 00:15:18.654 You're listening to Connecticut public radio.

NOTE Confidence: 0.801336155

00:15:20.780 --> 00:15:22.808 Welcome back to Yale Cancer Answers.

NOTE Confidence: 0.801336155

00:15:22.810 --> 00:15:24.010 This is doctor Anees Chagpar and

NOTE Confidence: 0.801336155

00:15:24.010 --> 00:15:26.196 I'm joined tonight by

NOTE Confidence: 0.801336155

00:15:26.196 --> 00:15:27.816 my guest doctor Benjamin Newton.

NOTE Confidence: 0.801336155

00:15:27.820 --> 00:15:29.325 We're talking about the care

NOTE Confidence: 0.801336155

00:15:29.325 --> 00:15:31.206 of patients with head and neck

NOTE Confidence: 0.801336155

00:15:31.206 --> 00:15:33.114 cancers and right before the break

NOTE Confidence: 0.801336155

00:15:33.120 --> 00:15:35.214 Ben you were mentioning the fact

NOTE Confidence: 0.801336155

00:15:35.214 --> 00:15:37.220 that this is really complex.

NOTE Confidence: 0.801336155

00:15:37.220 --> 00:15:39.670 So after somebody it finds a a

NOTE Confidence: 0.801336155

00:15:39.670 --> 00:15:42.168 plaque in the mouth or a Nosebleed

NOTE Confidence: 0.801336155

00:15:42.168 --> 00:15:44.220 or a bump in the neck.

NOTE Confidence: 0.801336155

00:15:44.220 --> 00:15:46.572 Or has you know hoarseness or any

NOTE Confidence: 0.801336155

00:15:46.572 --> 00:15:49.424 one of a myriad of symptoms that

NOTE Confidence: 0.801336155

00:15:49.424 --> 00:15:52.550 could be attributable to a head neck?

NOTE Confidence: 0.801336155

00:15:52.550 --> 00:15:55.290 Answer once they seek medical

NOTE Confidence: 0.801336155

00:15:55.290 --> 00:15:58.814 attention and has a biopsy that

NOTE Confidence: 0.801336155

00:15:58.814 --> 00:16:00.869 confirms the diagnosis.

NOTE Confidence: 0.801336155

00:16:00.870 --> 00:16:03.446 Some scans are done and then you

NOTE Confidence: 0.801336155

00:16:03.446 --> 00:16:05.900 mentioned that this is really a

NOTE Confidence: 0.801336155

00:16:05.900 --> 00:16:07.600 multidisciplinary approach where you

NOTE Confidence: 0.801336155

00:16:07.600 --> 00:16:10.731 kind of get all of the specialists

NOTE Confidence: 0.801336155

00:16:10.731 --> 00:16:12.961 together to think about personalizing

NOTE Confidence: 0.801336155

00:16:12.961 --> 00:16:15.238 or tailoring the treatment plan

NOTE Confidence: 0.801336155

00:16:15.238 --> 00:16:17.066 to an individual patient.

NOTE Confidence: 0.801336155

00:16:17.070 --> 00:16:19.370 Can you tell us a little bit more about that?

NOTE Confidence: 0.801336155

00:16:19.370 --> 00:16:22.578 How does that work and what are those?

NOTE Confidence: 0.801336155

00:16:22.580 --> 00:16:25.178 Conversations look and sound like anyways.

NOTE Confidence: 0.769009628571428

00:16:26.170 --> 00:16:30.727 So once the data is already gathered,

NOTE Confidence: 0.769009628571428

00:16:30.730 --> 00:16:32.626 we always talk about treatment plans

NOTE Confidence: 0.769009628571428

00:16:32.626 --> 00:16:35.857 and what we call a tumor board and that

NOTE Confidence: 0.769009628571428

00:16:35.857 --> 00:16:37.762 contains medical oncologists like myself,

NOTE Confidence: 0.769009628571428

00:16:37.770 --> 00:16:40.115 radiation oncologists head and neck

NOTE Confidence: 0.769009628571428

00:16:40.115 --> 00:16:42.460 surgical oncologist as well as

NOTE Confidence: 0.769009628571428

00:16:42.539 --> 00:16:44.587 pathologists and radiologists and

NOTE Confidence: 0.769009628571428

00:16:44.587 --> 00:16:47.147 will generally end up developing

NOTE Confidence: 0.769009628571428

00:16:47.147 --> 00:16:49.771 plans that include surgery, radiation,

NOTE Confidence: 0.769009628571428

00:16:49.771 --> 00:16:52.476 cancer, medication therapy or some

NOTE Confidence: 0.769009628571428

00:16:52.476 --> 00:16:56.120 sequence of these or some combination.

NOTE Confidence: 0.769009628571428

00:16:56.120 --> 00:16:58.020 Always based on the, uh,

NOTE Confidence: 0.769009628571428

00:16:58.020 --> 00:17:01.300 based on the published evidence that we have,

NOTE Confidence: 0.769009628571428

00:17:01.300 --> 00:17:03.370 I think it's really important to

NOTE Confidence: 0.769009628571428

00:17:03.370 --> 00:17:05.608 tailor therapies not only to the

NOTE Confidence: 0.769009628571428

00:17:05.608 --> 00:17:07.200 individual patients condition and

NOTE Confidence: 0.769009628571428

00:17:07.200 --> 00:17:08.792 their other health issues,

NOTE Confidence: 0.769009628571428

00:17:08.800 --> 00:17:11.726 but also to their priorities and values.

NOTE Confidence: 0.769009628571428

00:17:11.730 --> 00:17:13.780 What do you mean by that?

NOTE Confidence: 0.769009628571428

00:17:13.780 --> 00:17:16.244 Well, we spend a lot of time

NOTE Confidence: 0.769009628571428

00:17:16.244 --> 00:17:18.697 thinking about the impact of cancer

NOTE Confidence: 0.769009628571428

00:17:18.697 --> 00:17:20.897 and its treatment on function.

NOTE Confidence: 0.769009628571428

00:17:20.900 --> 00:17:21.658 For example,

NOTE Confidence: 0.769009628571428

00:17:21.658 --> 00:17:23.932 a common scenario that occurs in

NOTE Confidence: 0.769009628571428

00:17:23.932 --> 00:17:26.138 my office is weighing various.

NOTE Confidence: 0.769009628571428

00:17:26.140 --> 00:17:28.200 Cancer medication therapy options with

NOTE Confidence: 0.769009628571428

00:17:28.200 --> 00:17:30.728 an eye towards the different side

NOTE Confidence: 0.769009628571428

00:17:30.728 --> 00:17:32.728 effects that might be experienced.

NOTE Confidence: 0.769009628571428

00:17:32.730 --> 00:17:33.520 Of course,

NOTE Confidence: 0.769009628571428

00:17:33.520 --> 00:17:35.890 we always want to minimize toxicity,

NOTE Confidence: 0.769009628571428

00:17:35.890 --> 00:17:38.228 but in some cases there's more at

NOTE Confidence: 0.769009628571428

00:17:38.228 --> 00:17:41.228 stake for one person compared to another.

NOTE Confidence: 0.769009628571428

00:17:41.230 --> 00:17:42.205 Perhaps, for example,

NOTE Confidence: 0.769009628571428

00:17:42.205 --> 00:17:44.952 my patient is a musician and I might

NOTE Confidence: 0.769009628571428

00:17:44.952 --> 00:17:47.388 normally be thinking of a medication

NOTE Confidence: 0.769009628571428

00:17:47.388 --> 00:17:49.611 that sometimes damages the part of

NOTE Confidence: 0.769009628571428

00:17:49.611 --> 00:17:51.483 the inner ear called the cochlea,

NOTE Confidence: 0.769009628571428

00:17:51.490 --> 00:17:54.276 which can result in loss of hearing.

NOTE Confidence: 0.769009628571428

00:17:54.280 --> 00:17:56.625 This person has more to lose in

NOTE Confidence: 0.769009628571428

00:17:56.625 --> 00:17:58.415 terms of livelihood and general

NOTE Confidence: 0.769009628571428

00:17:58.415 --> 00:18:00.545 quality of life and might benefit

NOTE Confidence: 0.769009628571428

00:18:00.545 --> 00:18:03.040 from our choosing a different drug.

NOTE Confidence: 0.769009628571428

00:18:03.040 --> 00:18:05.154 So I think that what's required as

NOTE Confidence: 0.769009628571428

00:18:05.154 --> 00:18:07.180 we tailor treatments is that we truly

NOTE Confidence: 0.769009628571428

00:18:07.180 --> 00:18:09.113 know our patients and engage on a

NOTE Confidence: 0.769009628571428

00:18:09.113 --> 00:18:10.859 personal level with them in order

NOTE Confidence: 0.769009628571428

00:18:10.859 --> 00:18:12.188 to make treatment recommendations

NOTE Confidence: 0.769009628571428

00:18:12.188 --> 00:18:14.428 that ultimately serve them best.

NOTE Confidence: 0.880985325666667

00:18:15.710 --> 00:18:18.008 Now the other part of personalized

NOTE Confidence: 0.880985325666667

00:18:18.008 --> 00:18:20.561 medicine that we often talk about on

NOTE Confidence: 0.880985325666667

00:18:20.561 --> 00:18:23.172 this show is is really looking at not

NOTE Confidence: 0.880985325666667

00:18:23.172 --> 00:18:25.475 only the the patient and and their

NOTE Confidence: 0.880985325666667

00:18:25.475 --> 00:18:27.940 their life and their values and and you

NOTE Confidence: 0.880985325666667

00:18:27.940 --> 00:18:30.289 know how they earn their livelihood,

NOTE Confidence: 0.880985325666667

00:18:30.290 --> 00:18:31.577 their social situation,

NOTE Confidence: 0.880985325666667

00:18:31.577 --> 00:18:34.999 which is all really important but also kind

NOTE Confidence: 0.880985325666667

00:18:34.999 --> 00:18:37.767 of the finer points of the tumor itself.

NOTE Confidence: 0.880985325666667

00:18:37.770 --> 00:18:40.250 That particular genetic mutations.

NOTE Confidence: 0.880985325666667

00:18:40.250 --> 00:18:43.350 Thinking about which drugs might

NOTE Confidence: 0.880985325666667

00:18:43.350 --> 00:18:46.988 attack a particular type of cancer, or.

NOTE Confidence: 0.880985325666667

00:18:46.988 --> 00:18:49.398 A particular mutation than others

NOTE Confidence: 0.880985325666667

00:18:49.398 --> 00:18:52.918 does that play into, and if so, how?

NOTE Confidence: 0.8436037605

00:18:53.790 --> 00:18:56.172 It does we're very interested in

NOTE Confidence: 0.8436037605

00:18:56.172 --> 00:18:58.453 learning more about the tumor than

NOTE Confidence: 0.8436037605

00:18:58.453 --> 00:19:00.941 we have been able to in the past.

NOTE Confidence: 0.8436037605

00:19:00.950 --> 00:19:04.700 We like to learn about the

NOTE Confidence: 0.8436037605

00:19:04.700 --> 00:19:08.010 molecular attributes of the tumor,

NOTE Confidence: 0.8436037605

00:19:08.010 --> 00:19:09.920 and perhaps better understand what

NOTE Confidence: 0.8436037605

00:19:09.920 --> 00:19:12.268 mutations might be playing a role

NOTE Confidence: 0.8436037605

00:19:12.268 --> 00:19:14.138 in a particular person's cancer.

NOTE Confidence: 0.8436037605

00:19:14.140 --> 00:19:17.241 And there's a lot of interest in

NOTE Confidence: 0.8436037605

00:19:17.241 --> 00:19:19.096 developing tailored therapies that

NOTE Confidence: 0.8436037605

00:19:19.096 --> 00:19:21.356 are designed to address specific,

NOTE Confidence: 0.8436037605

00:19:21.360 --> 00:19:22.710 you know, vulnerabilities.

NOTE Confidence: 0.8436037605

00:19:22.710 --> 00:19:25.410 We might say when a particular

NOTE Confidence: 0.8436037605

00:19:25.410 --> 00:19:26.549 mutation is found.

NOTE Confidence: 0.891240363214286

00:19:28.000 --> 00:19:30.400 You know, at the top of the show

NOTE Confidence: 0.891240363214286

00:19:30.400 --> 00:19:32.889 we were kind of talking about the

NOTE Confidence: 0.891240363214286

00:19:32.889 --> 00:19:35.899 fact that the head and neck is a

NOTE Confidence: 0.891240363214286

00:19:35.899 --> 00:19:37.779 really diverse kind of region.

NOTE Confidence: 0.891240363214286

00:19:37.780 --> 00:19:39.859 So talk a little bit more about

NOTE Confidence: 0.891240363214286

00:19:39.859 --> 00:19:42.511 kind of the landscape of a head and

NOTE Confidence: 0.891240363214286

00:19:42.511 --> 00:19:44.980 neck cancers and and kind of the

NOTE Confidence: 0.891240363214286

00:19:44.980 --> 00:19:47.092 generalities or rules of thumb that

NOTE Confidence: 0.891240363214286

00:19:47.092 --> 00:19:49.870 you kind of use or think about as

NOTE Confidence: 0.891240363214286

00:19:49.870 --> 00:19:51.250 you're planning treatment strategies

NOTE Confidence: 0.891240363214286

00:19:51.316 --> 00:19:53.128 in all of these different areas.

NOTE Confidence: 0.730595459625

00:19:53.720 --> 00:19:55.612 So it's, it's very

NOTE Confidence: 0.730595459625

00:19:55.612 --> 00:19:57.504 complicated and very nuanced,

NOTE Confidence: 0.730595459625

00:19:57.510 --> 00:19:59.409 but I think one of the things that we've.

NOTE Confidence: 0.730595459625

00:19:59.410 --> 00:20:02.266 Think about first is is there an

NOTE Confidence: 0.730595459625

00:20:02.266 --> 00:20:04.371 opportunity for surgery to eliminate

NOTE Confidence: 0.730595459625

00:20:04.371 --> 00:20:06.777 the disease and result in cure?

NOTE Confidence: 0.730595459625

00:20:06.780 --> 00:20:08.496 Sometimes there is,

NOTE Confidence: 0.730595459625

00:20:08.496 --> 00:20:11.928 but sometimes the consequences from a

NOTE Confidence: 0.730595459625

00:20:11.928 --> 00:20:15.536 function standpoint might not be desirable,

NOTE Confidence: 0.730595459625

00:20:15.540 --> 00:20:18.516 and so sometimes we'll think about

NOTE Confidence: 0.730595459625

00:20:18.516 --> 00:20:21.139 replacing surgery with radiation or

NOTE Confidence: 0.730595459625

00:20:21.139 --> 00:20:23.919 combination of radiation and chemotherapy.

NOTE Confidence: 0.730595459625

00:20:23.920 --> 00:20:25.528 Sometimes we'll use chemotherapy

NOTE Confidence: 0.730595459625

00:20:25.528 --> 00:20:27.940 at the very beginning to make

NOTE Confidence: 0.730595459625

00:20:28.008 --> 00:20:30.020 other treatments more feasible,

NOTE Confidence: 0.730595459625

00:20:30.020 --> 00:20:32.150 and sometimes we'll use chemotherapy

NOTE Confidence: 0.730595459625

00:20:32.150 --> 00:20:34.814 after some of the more definitive

NOTE Confidence: 0.730595459625

00:20:34.814 --> 00:20:37.978 treatments to improve the odds of cure.

NOTE Confidence: 0.730595459625

00:20:37.980 --> 00:20:38.810 Overtime.

NOTE Confidence: 0.848734146666667

00:20:39.780 --> 00:20:42.468 And so, you know, as we kind of

NOTE Confidence: 0.848734146666667

00:20:42.468 --> 00:20:44.602 think about presumably this is

NOTE Confidence: 0.848734146666667

00:20:44.602 --> 00:20:46.907 where this tumor board really

NOTE Confidence: 0.848734146666667

00:20:46.907 --> 00:20:49.413 comes into play, where, you know,

NOTE Confidence: 0.848734146666667

00:20:49.413 --> 00:20:51.639 each specialist is kind of putting

NOTE Confidence: 0.848734146666667

00:20:51.639 --> 00:20:54.036 their cards on the table as it were.

NOTE Confidence: 0.848734146666667

00:20:54.040 --> 00:20:57.330 This is how I can help, you know,

NOTE Confidence: 0.848734146666667

00:20:57.330 --> 00:20:59.190 in this Symphony of of instruments

NOTE Confidence: 0.848734146666667

00:20:59.190 --> 00:21:01.804 that we have in that room with the

NOTE Confidence: 0.848734146666667

00:21:01.804 --> 00:21:03.618 medical oncologists and the radiation

NOTE Confidence: 0.848734146666667

00:21:03.618 --> 00:21:05.478 oncologists and the surgeons.

NOTE Confidence: 0.848734146666667

00:21:05.480 --> 00:21:07.556 How can each instrument really help

NOTE Confidence: 0.848734146666667

00:21:07.556 --> 00:21:09.799 the whole Symphony to sound better?

NOTE Confidence: 0.848734146666667

00:21:09.800 --> 00:21:10.682 Is that right?

NOTE Confidence: 0.848734146666667

00:21:10.682 --> 00:21:12.740 Is that how those decisions are made?

NOTE Confidence: 0.864401806428571

00:21:12.870 --> 00:21:14.830 Pretty much, I think everyone wants to

NOTE Confidence: 0.864401806428571

00:21:14.830 --> 00:21:16.890 offer the very best for the patients.

NOTE Confidence: 0.864401806428571

00:21:16.890 --> 00:21:19.096 I think there is a, you know,

NOTE Confidence: 0.864401806428571

00:21:19.096 --> 00:21:21.910 an exchange of ideas that allows

NOTE Confidence: 0.864401806428571

00:21:21.910 --> 00:21:24.970 for the sort of collective consensus

NOTE Confidence: 0.864401806428571

00:21:24.970 --> 00:21:28.363 to emerge in a way that ultimately

NOTE Confidence: 0.864401806428571

00:21:28.363 --> 00:21:30.648 works best for the patient.

NOTE Confidence: 0.864401806428571

00:21:30.650 --> 00:21:32.490 And that's what really matters.

NOTE Confidence: 0.864401806428571

00:21:32.490 --> 00:21:33.742 With these, you know,

NOTE Confidence: 0.864401806428571

00:21:33.742 --> 00:21:36.019 with these discussions is that we ultimately

NOTE Confidence: 0.864401806428571

00:21:36.019 --> 00:21:38.406 find what's going to be most helpful.

NOTE Confidence: 0.864401806428571

00:21:38.410 --> 00:21:40.183 But yes, I think we all kind of start.

NOTE Confidence: 0.864401806428571

00:21:40.190 --> 00:21:41.270 With what's what's our angle

NOTE Confidence: 0.864401806428571

00:21:41.270 --> 00:21:42.809 and how can it help the most?

NOTE Confidence: 0.851605067230769

00:21:44.140 --> 00:21:46.821 So the the other thing that you

NOTE Confidence: 0.851605067230769

00:21:46.821 --> 00:21:49.322 mentioned was that each of these

NOTE Confidence: 0.851605067230769

00:21:49.322 --> 00:21:51.854 modalities while it has its its

NOTE Confidence: 0.851605067230769

00:21:51.854 --> 00:21:54.276 strengths to bring to the treatment

NOTE Confidence: 0.851605067230769

00:21:54.276 --> 00:21:57.102 plan in terms of either making other

NOTE Confidence: 0.851605067230769

00:21:57.102 --> 00:21:59.883 therapies more feasible in the case of

NOTE Confidence: 0.851605067230769

00:21:59.883 --> 00:22:02.031 medical oncology or trying to remove

NOTE Confidence: 0.851605067230769

00:22:02.031 --> 00:22:04.403 as much disease as possible in in

NOTE Confidence: 0.851605067230769

00:22:04.403 --> 00:22:08.120 the in the area of surgery and so on.

NOTE Confidence: 0.851605067230769

00:22:08.120 --> 00:22:11.756 Each of them also has toxicities

NOTE Confidence: 0.851605067230769

00:22:11.760 --> 00:22:14.140 and I can imagine that.

NOTE Confidence: 0.851605067230769

00:22:14.140 --> 00:22:16.044 While you know to your point when

NOTE Confidence: 0.851605067230769

00:22:16.044 --> 00:22:17.930 you were speaking about the musician,

NOTE Confidence: 0.851605067230769

00:22:17.930 --> 00:22:20.090 each of these toxicities may affect

NOTE Confidence: 0.851605067230769

00:22:20.090 --> 00:22:22.110 a given patient more or less.

NOTE Confidence: 0.851605067230769

00:22:22.110 --> 00:22:25.406 But all of these toxicities may really affect

NOTE Confidence: 0.851605067230769

00:22:25.406 --> 00:22:28.628 patients in terms of you know their hearing,

NOTE Confidence: 0.851605067230769

00:22:28.630 --> 00:22:30.218 their sense of smell.

NOTE Confidence: 0.851605067230769

00:22:30.218 --> 00:22:33.648 You know how much they can chew or

NOTE Confidence: 0.851605067230769

00:22:33.648 --> 00:22:35.813 swallow their speech, and so on.

NOTE Confidence: 0.851605067230769

00:22:35.813 --> 00:22:37.835 Can you talk a little bit about how

NOTE Confidence: 0.851605067230769

00:22:37.835 --> 00:22:39.760 you can help patients with all of

NOTE Confidence: 0.851605067230769

00:22:39.760 --> 00:22:41.580 those side effects of treatment?

NOTE Confidence: 0.931220061428572

00:22:42.990 --> 00:22:45.662 So I think we have to acknowledge that

NOTE Confidence: 0.931220061428572

00:22:45.662 --> 00:22:48.757 we have a lot of people helping our

NOTE Confidence: 0.931220061428572

00:22:48.757 --> 00:22:51.200 patients get through their treatments.

NOTE Confidence: 0.931220061428572

00:22:51.200 --> 00:22:53.124 It's important for any.

NOTE Confidence: 0.931220061428572

00:22:53.124 --> 00:22:56.010 Any head and neck cancer group

NOTE Confidence: 0.931220061428572

00:22:56.100 --> 00:22:59.404 to have a wide range of support

NOTE Confidence: 0.931220061428572

00:22:59.404 --> 00:23:01.979 services available to help people.

NOTE Confidence: 0.931220061428572

00:23:01.980 --> 00:23:03.940 For example, speech and

NOTE Confidence: 0.931220061428572

00:23:03.940 --> 00:23:04.920 language pathologists.

NOTE Confidence: 0.931220061428572

00:23:04.920 --> 00:23:07.152 They help in so many ways they look

NOTE Confidence: 0.931220061428572

00:23:07.152 --> 00:23:08.586 primarily at communication and

NOTE Confidence: 0.931220061428572

00:23:08.586 --> 00:23:10.214 swallowing related issues relating

NOTE Confidence: 0.931220061428572

00:23:10.214 --> 00:23:12.719 to the cancer and its treatment,

NOTE Confidence: 0.931220061428572

00:23:12.720 --> 00:23:14.700 so it's always important to involve

NOTE Confidence: 0.931220061428572

00:23:14.700 --> 00:23:16.373 these specialists early so that

NOTE Confidence: 0.931220061428572

00:23:16.373 --> 00:23:18.131 guidance can be provided to help

NOTE Confidence: 0.931220061428572

00:23:18.131 --> 00:23:19.599 limit the impacts of cancer.

NOTE Confidence: 0.931220061428572

00:23:19.600 --> 00:23:22.740 Treatments on swallowing functions.

NOTE Confidence: 0.931220061428572

00:23:22.740 --> 00:23:25.746 Social work is also incredibly important.

NOTE Confidence: 0.931220061428572

00:23:25.750 --> 00:23:26.432 Of course,

NOTE Confidence: 0.931220061428572

00:23:26.432 --> 00:23:28.137 receiving a diagnosis of cancer

NOTE Confidence: 0.931220061428572

00:23:28.137 --> 00:23:29.640 and getting cancer treatment

NOTE Confidence: 0.931220061428572

00:23:29.640 --> 00:23:31.336 can be incredibly stressful,

NOTE Confidence: 0.931220061428572

00:23:31.340 --> 00:23:33.230 and people arrive at this moment

NOTE Confidence: 0.931220061428572

00:23:33.230 --> 00:23:35.229 with different needs in their lives.

NOTE Confidence: 0.931220061428572

00:23:35.230 --> 00:23:36.778 And sometimes unmet needs

NOTE Confidence: 0.931220061428572

00:23:36.778 --> 00:23:38.348 can impact outcomes, too.

NOTE Confidence: 0.931220061428572

00:23:38.348 --> 00:23:40.388 Whether there's housing instability or

NOTE Confidence: 0.931220061428572

00:23:40.388 --> 00:23:43.878 a person doesn't have a car but needs to

NOTE Confidence: 0.931220061428572

00:23:43.878 --> 00:23:45.668 come for their treatments nonetheless.

NOTE Confidence: 0.931220061428572

00:23:45.670 --> 00:23:47.431 Sometimes extra services

NOTE Confidence: 0.931220061428572

00:23:47.431 --> 00:23:49.779 and coordination are needed,

NOTE Confidence: 0.931220061428572

00:23:49.780 --> 00:23:52.060 and dietitians are also a very

NOTE Confidence: 0.931220061428572

00:23:52.060 --> 00:23:54.020 important part of the team.

NOTE Confidence: 0.931220061428572

00:23:54.020 --> 00:23:56.127 They make sure that patients have adequate.

NOTE Confidence: 0.931220061428572

00:23:56.130 --> 00:23:58.122 Nourishment during their treatment,

NOTE Confidence: 0.931220061428572

00:23:58.122 --> 00:24:01.631 they help to assess patient needs and

NOTE Confidence: 0.931220061428572

00:24:01.631 --> 00:24:04.313 adapt the treatment plan to ensure

NOTE Confidence: 0.931220061428572

00:24:04.313 --> 00:24:06.708 that adequate nutrition is available

NOTE Confidence: 0.931220061428572

00:24:06.708 --> 00:24:09.328 through and following their treatments.

NOTE Confidence: 0.918367039444445

00:24:10.760 --> 00:24:12.476 Important to think about all of

NOTE Confidence: 0.918367039444445

00:24:12.476 --> 00:24:14.264 these other players that are also

NOTE Confidence: 0.918367039444445

00:24:14.264 --> 00:24:16.028 really important members of the team.

NOTE Confidence: 0.918367039444445

00:24:16.030 --> 00:24:18.622 Not just the physicians who who

NOTE Confidence: 0.918367039444445

00:24:18.622 --> 00:24:21.370 are trying to treat the cancer,

NOTE Confidence: 0.918367039444445

00:24:21.370 --> 00:24:24.345 but but all of these other people

NOTE Confidence: 0.918367039444445

00:24:24.345 --> 00:24:27.908 who make that treatment palatable or

NOTE Confidence: 0.918367039444445

00:24:27.908 --> 00:24:31.254 at least a little bit more feasible.

NOTE Confidence: 0.918367039444445

00:24:31.260 --> 00:24:35.805 Talk a little bit about what's new in head,

NOTE Confidence: 0.918367039444445

00:24:35.810 --> 00:24:37.710 neck cancers and and clinical

NOTE Confidence: 0.918367039444445

00:24:37.710 --> 00:24:40.343 trials that might be going on that

NOTE Confidence: 0.918367039444445

00:24:40.343 --> 00:24:42.329 help to move the field forward.

NOTE Confidence: 0.918367039444445

00:24:42.330 --> 00:24:43.618 What's on the horizon?

NOTE Confidence: 0.918367039444445

00:24:43.618 --> 00:24:44.906 What can we expect?

NOTE Confidence: 0.855863395555555

00:24:45.510 --> 00:24:49.506 Well, I think one of the things that is.

NOTE Confidence: 0.855863395555555

00:24:49.510 --> 00:24:52.485 Very exciting and head and neck cancer

NOTE Confidence: 0.855863395555555

00:24:52.485 --> 00:24:55.831 is an evolving understanding of the sort

NOTE Confidence: 0.855863395555555

00:24:55.831 --> 00:24:59.403 of the differential outcomes that we see

NOTE Confidence: 0.855863395555555

00:24:59.403 --> 00:25:02.427 in patients with HPV associated cancers.

NOTE Confidence: 0.855863395555555

00:25:02.430 --> 00:25:07.470 It it gives us the opportunity to think

NOTE Confidence: 0.855863395555555

00:25:07.470 --> 00:25:10.970 about how now and in the future we might

NOTE Confidence: 0.855863395555555

00:25:10.970 --> 00:25:13.676 fine-tuned therapies just to give the

NOTE Confidence: 0.855863395555555

00:25:13.676 --> 00:25:17.096 people just the right amount of treatment

NOTE Confidence: 0.855863395555555

00:25:17.096 --> 00:25:19.249 and perhaps avoiding unnecessary.

NOTE Confidence: 0.855863395555555

00:25:19.249 --> 00:25:20.487 Side effects.

NOTE Confidence: 0.855863395555555

00:25:20.487 --> 00:25:23.582 So that's incredibly exciting and

NOTE Confidence: 0.855863395555555

00:25:23.582 --> 00:25:26.366 another area that's very exciting

NOTE Confidence: 0.855863395555555

00:25:26.366 --> 00:25:29.754 is the the the role of immunotherapy

NOTE Confidence: 0.855863395555555

00:25:29.839 --> 00:25:32.539 in the treatment of advanced head

NOTE Confidence: 0.855863395555555

00:25:32.539 --> 00:25:36.710 and neck cancers we are.

NOTE Confidence: 0.855863395555555

00:25:36.710 --> 00:25:40.166 Now able to look at a tumor and

NOTE Confidence: 0.855863395555555

00:25:40.166 --> 00:25:42.875 assess something called a biomarker

NOTE Confidence: 0.855863395555555

00:25:42.875 --> 00:25:46.385 that helps us determine what the

NOTE Confidence: 0.855863395555555

00:25:46.385 --> 00:25:48.830 vulnerability of immunotherapy to

NOTE Confidence: 0.855863395555555

00:25:48.830 --> 00:25:52.370 immunotherapy that a cancer might have.

NOTE Confidence: 0.855863395555555

00:25:52.370 --> 00:25:55.950 These drugs basically work by.

NOTE Confidence: 0.855863395555555

00:25:55.950 --> 00:25:58.645 Invigorating the immune system and

NOTE Confidence: 0.855863395555555

00:25:58.645 --> 00:26:01.858 having the immune system doing the

NOTE Confidence: 0.855863395555555

00:26:01.858 --> 00:26:04.420 work of killing the cancer cell.

NOTE Confidence: 0.8124405925

00:26:05.770 --> 00:26:08.014 Well, so always exciting

NOTE Confidence: 0.8124405925

00:26:08.014 --> 00:26:10.258 things on the horizon.

NOTE Confidence: 0.8124405925

00:26:10.260 --> 00:26:12.048 When we think about that team

NOTE Confidence: 0.8124405925

00:26:12.048 --> 00:26:13.240 that you were mentioning,

NOTE Confidence: 0.8124405925

00:26:13.240 --> 00:26:15.286 I would imagine that people involved

NOTE Confidence: 0.8124405925

00:26:15.286 --> 00:26:17.646 in research are part of that team

NOTE Confidence: 0.8124405925

00:26:17.646 --> 00:26:19.512 and that there may be opportunities

NOTE Confidence: 0.8124405925

00:26:19.512 --> 00:26:21.712 for patients to get involved in

NOTE Confidence: 0.8124405925

00:26:21.712 --> 00:26:23.537 clinical research and and helping

NOTE Confidence: 0.8124405925

00:26:23.540 --> 00:26:26.256 to kind of move the field forward.

NOTE Confidence: 0.8124405925

00:26:26.260 --> 00:26:28.445 Have you noticed that patients

NOTE Confidence: 0.8124405925

00:26:28.445 --> 00:26:30.193 are really enthusiastic about

NOTE Confidence: 0.8124405925

00:26:30.193 --> 00:26:32.821 that or are they a little bit

NOTE Confidence: 0.8124405925

00:26:32.821 --> 00:26:33.889 more apprehensive thinking,

NOTE Confidence: 0.8124405925

00:26:33.889 --> 00:26:36.043 you know, I'll stick to what's

NOTE Confidence: 0.8124405925

00:26:36.043 --> 00:26:38.110 known rather than what's unknown,

NOTE Confidence: 0.79928821

00:26:39.080 --> 00:26:40.676 of course, clinical trials?

NOTE Confidence: 0.79928821

00:26:40.676 --> 00:26:43.070 Are an incredibly important way of

NOTE Confidence: 0.79928821

00:26:43.134 --> 00:26:45.579 improving cancer treatments over time.

NOTE Confidence: 0.79928821

00:26:45.580 --> 00:26:47.530 You know, it's important to remember

NOTE Confidence: 0.79928821

00:26:47.530 --> 00:26:49.536 that patient that today's treatments were

NOTE Confidence: 0.79928821

00:26:49.536 --> 00:26:51.818 once tested in a clinical trial setting.

NOTE Confidence: 0.79928821

00:26:51.820 --> 00:26:54.548 So what we're really trying to do when

NOTE Confidence: 0.79928821

00:26:54.548 --> 00:26:56.990 patients enroll in clinical trials is

NOTE Confidence: 0.79928821

00:26:56.990 --> 00:26:59.100 to define tomorrow's treatments today.

NOTE Confidence: 0.79928821

00:26:59.100 --> 00:27:01.940 And and you're right, I think it can

NOTE Confidence: 0.79928821

00:27:01.940 --> 00:27:04.018 sometimes sound scary to a patient,

NOTE Confidence: 0.79928821

00:27:04.020 --> 00:27:06.498 the prospect of participating in a trial,

NOTE Confidence: 0.79928821

00:27:06.500 --> 00:27:08.464 especially when there are,

NOTE Confidence: 0.79928821

00:27:08.464 --> 00:27:12.270 as it were tried and true options.

NOTE Confidence: 0.79928821

00:27:12.270 --> 00:27:15.072 But that bravery and that generosity

NOTE Confidence: 0.79928821

00:27:15.072 --> 00:27:18.528 of spirit really is a key to progress.

NOTE Confidence: 0.79928821

00:27:18.530 --> 00:27:21.242 And I think it's also important to have

NOTE Confidence: 0.79928821

00:27:21.242 --> 00:27:23.162 clinical trials available to patients

NOTE Confidence: 0.79928821

00:27:23.162 --> 00:27:25.508 who get care in community settings.

NOTE Confidence: 0.79928821

00:27:25.510 --> 00:27:28.149 We want these trial results to determine

NOTE Confidence: 0.79928821

00:27:28.149 --> 00:27:30.128 our management to be meaningful

NOTE Confidence: 0.79928821

00:27:30.128 --> 00:27:32.468 for the patients in our Community.

NOTE Confidence: 0.79928821

00:27:32.470 --> 00:27:36.250 And plus patients tend to do well on trials.

NOTE Confidence: 0.79928821

00:27:36.250 --> 00:27:39.050 Care on a clinical trial is excellent care.

NOTE Confidence: 0.79928821

00:27:39.050 --> 00:27:41.360 And of course we want to extend

NOTE Confidence: 0.79928821

00:27:41.360 --> 00:27:42.350 these opportunities equitably.

NOTE Confidence: 0.79928821

00:27:42.350 --> 00:27:43.210 All patients.

NOTE Confidence: 0.923189210625

00:27:44.060 --> 00:27:46.284 Yeah, that's one thing that a lot of

NOTE Confidence: 0.923189210625

00:27:46.284 --> 00:27:48.740 people may not realize is that in general,

NOTE Confidence: 0.923189210625

00:27:48.740 --> 00:27:50.360 if you look at people who

NOTE Confidence: 0.923189210625

00:27:50.360 --> 00:27:51.440 participate in clinical trials,

NOTE Confidence: 0.923189210625

00:27:51.440 --> 00:27:54.797 they tend to do better than people who don't,

NOTE Confidence: 0.923189210625

00:27:54.800 --> 00:27:56.825 in part because, as you say, Ben,

NOTE Confidence: 0.923189210625

00:27:56.825 --> 00:27:59.255 you know we're we're trying to

NOTE Confidence: 0.923189210625

00:27:59.255 --> 00:28:00.920 develop tomorrow's therapies today,

NOTE Confidence: 0.923189210625

00:28:00.920 --> 00:28:04.112 and so sometimes the only way to get

NOTE Confidence: 0.923189210625

00:28:04.112 --> 00:28:06.758 those therapies is on a clinical trial.

NOTE Confidence: 0.923189210625

00:28:06.760 --> 00:28:08.815 Now. One other question that

NOTE Confidence: 0.923189210625

00:28:08.815 --> 00:28:11.714 many people might have is if my

NOTE Confidence: 0.923189210625

00:28:11.714 --> 00:28:14.000 doctor offers me a clinical trial.

NOTE Confidence: 0.923189210625

00:28:14.000 --> 00:28:15.664 Does that mean that there is no option?

NOTE Confidence: 0.923189210625

00:28:15.670 --> 00:28:17.826 Does it mean like there is no

NOTE Confidence: 0.923189210625

00:28:17.826 --> 00:28:19.646 other choice that I'm kind of

NOTE Confidence: 0.923189210625

00:28:19.646 --> 00:28:21.302 at the end and there's no,

NOTE Confidence: 0.923189210625

00:28:21.310 --> 00:28:23.417 there's no other tools in the toolbox?

NOTE Confidence: 0.840927233

00:28:23.830 --> 00:28:25.945 Not necessarily. Frontline clinical trials

NOTE Confidence: 0.840927233

00:28:25.945 --> 00:28:29.102 are very important so that we can lead

NOTE Confidence: 0.840927233

00:28:29.102 --> 00:28:31.377 out with better treatments in the future.

NOTE Confidence: 0.888642474736842

00:28:31.690 --> 00:28:33.645 Doctor Benjamin Newton is an

NOTE Confidence: 0.888642474736842

00:28:33.645 --> 00:28:35.209 assistant professor of clinical

NOTE Confidence: 0.888642474736842

00:28:35.209 --> 00:28:36.641 medicine and medical oncology

NOTE Confidence: 0.888642474736842

00:28:36.641 --> 00:28:38.603 at the Yale School of Medicine.

NOTE Confidence: 0.888642474736842

00:28:38.610 --> 00:28:40.666 If you have questions,

NOTE Confidence: 0.888642474736842

00:28:40.666 --> 00:28:42.594 the address is canceranswers@yale.edu

NOTE Confidence: 0.888642474736842

00:28:42.594 --> 00:28:44.898 and past editions of the program.

NOTE Confidence: 0.888642474736842

00:28:44.900 --> 00:28:47.666 Are available in audio and written

NOTE Confidence: 0.888642474736842

00:28:47.666 --> 00:28:48.892 form at yalecancercenter.org.

NOTE Confidence: 0.888642474736842

00:28:48.892 --> 00:28:51.308 We hope you'll join us next week to

NOTE Confidence: 0.888642474736842

00:28:51.308 --> 00:28:53.145 learn more about the fight against

NOTE Confidence: 0.888642474736842

00:28:53.145 --> 00:28:54.970 cancer here on Connecticut Public Radio.

NOTE Confidence: 0.888642474736842

00:28:54.970 --> 00:28:57.556 Funding for Yale Cancer Answers is

NOTE Confidence: 0.888642474736842

00:28:57.556 --> 00:29:00.000 provided by Smilow Cancer Hospital.