WEBVTT

00:00:00.000 --> 00:00:03.114 Funding for Yale Cancer Answers is

NOTE Confidence: 0.903767260909091

00:00:03.114 --> 00:00:06.080 provided by Smilow Cancer Hospital.

NOTE Confidence: 0.903767260909091

00:00:06.080 --> 00:00:08.280 Welcome to Yale Cancer Answers

NOTE Confidence: 0.903767260909091

00:00:08.280 --> 00:00:10.040 with Doctor Anees Chagpar.

NOTE Confidence: 0.903767260909091

00:00:10.040 --> 00:00:11.925 Yale Cancer Answers features the

NOTE Confidence: 0.903767260909091

00:00:11.925 --> 00:00:13.810 latest information on cancer care

NOTE Confidence: 0.903767260909091

00:00:13.871 --> 00:00:15.355 by welcoming oncologists and

NOTE Confidence: 0.903767260909091

00:00:15.355 --> 00:00:17.581 specialists who are on the forefront

NOTE Confidence: 0.903767260909091

00:00:17.645 --> 00:00:19.355 of the battle to fight cancer.

NOTE Confidence: 0.903767260909091

00:00:19.360 --> 00:00:21.586 This week it's a conversation about head

NOTE Confidence: 0.903767260909091

00:00:21.586 --> 00:00:23.998 and neck cancers with Doctor Ansley Roche.

NOTE Confidence: 0.903767260909091

00:00:24.000 --> 00:00:26.370 Doctor Roche is an assistant professor

NOTE Confidence: 0.903767260909091

00:00:26.370 --> 00:00:28.316 of surgery and otolaryngology at

NOTE Confidence: 0.903767260909091

00:00:28.316 --> 00:00:29.816 the Yale School of Medicine

NOTE Confidence: 0.903767260909091

00:00:29.820 --> 00:00:30.522 where Dr. Chagpar is

NOTE Confidence: 0.903767260909091

00:00:30.522 --> 00:00:32.979 a professor of surgical oncology.

NOTE Confidence: 0.937051502727273

00:00:34.420 --> 00:00:36.412 Ansley, maybe we can start off by you

NOTE Confidence: 0.937051502727273

00:00:36.412 --> 00:00:38.184 telling us a little bit more about

NOTE Confidence: 0.937051502727273

00:00:38.184 --> 00:00:40.260 yourself and what it is you do.

NOTE Confidence: 0.941930716666667

00:00:40.460 --> 00:00:43.376 I'm a head and neck cancer surgeon.

NOTE Confidence: 0.941930716666667

00:00:43.380 --> 00:00:45.900 I did my training and after medical school,

NOTE Confidence: 0.941930716666667

00:00:45.900 --> 00:00:47.820 I did my residency

NOTE Confidence: 0.941930716666667

00:00:47.820 --> 00:00:49.260 training in otolaryngology,

NOTE Confidence: 0.941930716666667

00:00:49.260 --> 00:00:50.700 which is ear, nose and throat.

NOTE Confidence: 0.941930716666667

00:00:50.700 --> 00:00:53.094 And then within the field of otolaryngology,

NOTE Confidence: 0.941930716666667

00:00:53.100 --> 00:00:55.036 there are numerous subspecialties.

NOTE Confidence: 0.941930716666667

00:00:55.036 --> 00:00:58.520 I subspecialize in head and neck cancer.

NOTE Confidence: 0.941930716666667

00:00:58.520 --> 00:01:01.360 So I went on to obtain additional training,

NOTE Confidence: 0.941930716666667

00:01:01.360 --> 00:01:03.880 a fellowship in head and neck cancer,

NOTE Confidence: 0.941930716666667

00:01:03.880 --> 00:01:06.040 both in the management of

NOTE Confidence: 0.941930716666667

00:01:06.040 --> 00:01:07.420 resecting these cancers

NOTE Confidence: 0.941930716666667

00:01:07.420 --> 00:01:08.800 as well as reconstructing them.

00:01:11.152 --> 00:01:13.000 Now that we are celebrating head

NOTE Confidence: 0.942937118

00:01:13.066 --> 00:01:15.036 and neck cancer awareness Month,

NOTE Confidence: 0.942937118

00:01:15.040 --> 00:01:16.584 maybe you can tell us a little bit

NOTE Confidence: 0.942937118

00:01:16.584 --> 00:01:17.959 more about head and neck cancers.

NOTE Confidence: 0.942937118

00:01:17.960 --> 00:01:20.982 I mean it sounds like it's a rather

NOTE Confidence: 0.942937118

00:01:20.982 --> 00:01:24.408 large bucket, kind of like saying

NOTE Confidence: 0.942937118

00:01:24.410 --> 00:01:26.486 cancers of the abdomen or cancers

NOTE Confidence: 0.942937118

00:01:26.486 --> 00:01:28.506 of the chest, it sounds like every

NOTE Confidence: 0.942937118

00:01:28.506 --> 00:01:30.450 time we say head and neck cancers

NOTE Confidence: 0.942937118

00:01:30.450 --> 00:01:32.538 I think that's a pretty large

NOTE Confidence: 0.942937118

00:01:32.538 --> 00:01:35.247 area with a lot of things in it.

NOTE Confidence: 0.942937118

00:01:35.250 --> 00:01:37.450 Tell us a bit more about what goes

NOTE Confidence: 0.942937118

00:01:37.450 --> 00:01:39.108 into head and neck cancer and

NOTE Confidence: 0.942937118

00:01:39.108 --> 00:01:41.440 why it is that those are all kind

NOTE Confidence: 0.942937118

00:01:41.440 --> 00:01:42.990 of clumped together as opposed

NOTE Confidence: 0.942937118

00:01:43.049 --> 00:01:44.735 to specific organs like we have

NOTE Confidence: 0.942937118

00:01:44.735 --> 00:01:46.609 in other parts of the anatomy.

NOTE Confidence: 0.952553198888889

00:01:47.500 --> 00:01:48.796 Yeah, that's an excellent

NOTE Confidence: 0.952553198888889

00:01:48.796 --> 00:01:50.416 point and you're exactly right.

NOTE Confidence: 0.952553198888889

00:01:50.420 --> 00:01:53.976 It is a heterogeneous group of cancers

NOTE Confidence: 0.952553198888889

00:01:53.976 --> 00:01:56.900 that are clumped together essentially

NOTE Confidence: 0.952553198888889

00:01:56.900 --> 00:01:59.700 because of their anatomic location.

00:02:01.740 --> 00:02:04.442 Within this region, there are many different

NOTE Confidence: 0.952553198888889

00:02:04.442 --> 00:02:07.257 types of cancers that can arise,

NOTE Confidence: 0.952553198888889

00:02:07.260 --> 00:02:08.770 mostly because there are many

NOTE Confidence: 0.952553198888889

00:02:08.770 --> 00:02:10.630 different types of cell types

NOTE Confidence: 0.952553198888889

00:02:10.630 --> 00:02:12.255 within the head and neck,

NOTE Confidence: 0.952553198888889

00:02:12.260 --> 00:02:14.868 there's the digestive tract, which

NOTE Confidence: 0.952553198888889

00:02:14.868 --> 00:02:17.570 you can think of it sort of as skin

NOTE Confidence: 0.952553198888889

00:02:17.570 --> 00:02:19.034 but on the inside, it's the

NOTE Confidence: 0.952553198888889

00:02:19.034 --> 00:02:20.850 lining of the mouth, the nose,

NOTE Confidence: 0.952553198888889

00:02:20.850 --> 00:02:22.530 the sinuses, the throat.

NOTE Confidence: 0.952553198888889

00:02:22.530 --> 00:02:23.890 There's also skin

NOTE Confidence: 0.952553198888889

00:02:23.890 --> 00:02:24.650 of the head and neck.

NOTE Confidence: 0.952553198888889

00:02:24.650 --> 00:02:28.050 So there are cutaneous cancers,

NOTE Confidence: 0.952553198888889

00:02:28.050 --> 00:02:29.646 squamous cell carcinoma as we know,

NOTE Confidence: 0.952553198888889

00:02:29.650 --> 00:02:30.574 basal cell Melanoma,

NOTE Confidence: 0.952553198888889

00:02:30.574 --> 00:02:33.250 just to go back to the oral cavity,

NOTE Confidence: 0.952553198888889

00:02:33.250 --> 00:02:36.113 the digestive tract that also most

NOTE Confidence: 0.952553198888889

00:02:36.113 --> 00:02:38.450 commonly is squamous cell carcinoma,

NOTE Confidence: 0.952553198888889

00:02:38.450 --> 00:02:40.487 but there are others that arise there.

NOTE Confidence: 0.952553198888889

00:02:40.490 --> 00:02:42.675 And then there's also things

NOTE Confidence: 0.952553198888889

00:02:42.675 --> 00:02:44.423 like salivary gland tumors.

NOTE Confidence: 0.952553198888889

00:02:44.430 --> 00:02:45.930 So growths that arise

NOTE Confidence: 0.952553198888889

00:02:45.930 --> 00:02:47.430 within the saliva glands,

NOTE Confidence: 0.952553198888889

00:02:47.430 --> 00:02:49.470 we have some within our cheeks,

NOTE Confidence: 0.952553198888889

00:02:49.470 --> 00:02:51.792 some under our chin and under our jaw and

NOTE Confidence: 0.952553198888889

00:02:51.792 --> 00:02:54.187 then thousands and thousands in our mouth.

NOTE Confidence: 0.952553198888889

00:02:54.190 --> 00:02:56.350 And so cancers can arise in any of those.

NOTE Confidence: 0.952553198888889

00:02:56.350 --> 00:02:57.166 Those are rare.

NOTE Confidence: 0.952553198888889

00:02:57.166 --> 00:02:59.070 I would say the most common head

NOTE Confidence: 0.952553198888889

00:02:59.129 --> 00:03:00.914 and neck cancer that we deal with

NOTE Confidence: 0.952553198888889

00:03:00.914 --> 00:03:02.894 and that we treat and talk about

NOTE Confidence: 0.952553198888889

00:03:02.894 --> 00:03:04.628 and where most of the research

NOTE Confidence: 0.952553198888889

00:03:04.630 --> 00:03:06.785 efforts go is within addressing

NOTE Confidence: 0.952553198888889

00:03:06.785 --> 00:03:08.940 squamous cell carcinoma of the

NOTE Confidence: 0.952553198888889

00:03:09.019 --> 00:03:10.827 upper digestive tract.

NOTE Confidence: 0.933544606666667

00:03:11.900 --> 00:03:14.138 And so how common the

NOTE Confidence: 0.591889528

00:03:15.100 --> 00:03:16.780 head and neck cancers are,

NOTE Confidence: 0.591889528

00:03:16.780 --> 00:03:18.496 depending on the year,

NOTE Confidence: 0.591889528

00:03:18.496 --> 00:03:22.150 anywhere from the 6th to the 8th most

NOTE Confidence: 0.591889528

00:03:22.150 --> 00:03:24.615 common type of cancer worldwide.

NOTE Confidence: 0.591889528

00:03:24.620 --> 00:03:26.462 So not the most common, but we

NOTE Confidence: 0.591889528

00:03:26.462 --> 00:03:28.820 see quite a bit of it.

NOTE Confidence: 0.935679265454546

00:03:29.980 --> 00:03:31.814 And can you tell us a bit

NOTE Confidence: 0.935679265454546

00:03:31.814 --> 00:03:33.180 more about risk factors?

NOTE Confidence: 0.935679265454546

00:03:33.180 --> 00:03:35.780 I mean who gets these cancers and why?

NOTE Confidence: 0.953671466666667

00:03:36.710 --> 00:03:37.934 Yes, excellent question.

NOTE Confidence: 0.953671466666667

00:03:37.934 --> 00:03:39.464 How do we prevent these?

NOTE Confidence: 0.953671466666667

00:03:39.470 --> 00:03:40.748 How can we minimize our risk?

NOTE Confidence: 0.953671466666667

00:03:40.750 --> 00:03:42.815 So understanding the risk factors

NOTE Confidence: 0.953671466666667

00:03:42.815 --> 00:03:44.467 is incredibly important here.

NOTE Confidence: 0.953671466666667

00:03:44.470 --> 00:03:47.481 For a long time, we attributed the

NOTE Confidence: 0.953671466666667

00:03:47.481 --> 00:03:48.987 majority of head and neck cancers,

NOTE Confidence: 0.953671466666667

00:03:48.990 --> 00:03:50.590 again specifically squamous cell

NOTE Confidence: 0.953671466666667

00:03:50.590 --> 00:03:52.990 carcinoma of the air digestive tract,

NOTE Confidence: 0.953671466666667

00:03:52.990 --> 00:03:55.426 to things like smoking and drinking,

NOTE Confidence: 0.953671466666667

00:03:55.430 --> 00:03:57.428 things that we know are risk

NOTE Confidence: 0.953671466666667

00:03:57.428 --> 00:03:59.469 factors for other types of cancers

NOTE Confidence: 0.953671466666667

00:03:59.470 --> 00:04:01.486 and those remain risk factors for

NOTE Confidence: 0.953671466666667

00:04:01.486 --> 00:04:03.196 squamous cell carcinoma of certain

NOTE Confidence: 0.953671466666667

00:04:03.196 --> 00:04:05.303 sites within the head and neck,

NOTE Confidence: 0.953671466666667

00:04:05.310 --> 00:04:06.974 within the oral cavity,

NOTE Confidence: 0.953671466666667

00:04:06.974 --> 00:04:08.764 larynx, the voice box.

NOTE Confidence: 0.953671466666667

00:04:08.764 --> 00:04:12.599 What we're also seeing now though is a rise

NOTE Confidence: 0.953671466666667

00:04:12.599 --> 00:04:15.606 in HPV associated head and neck cancer.

NOTE Confidence: 0.953671466666667

00:04:15.610 --> 00:04:17.414 Specifically of the oropharynx

NOTE Confidence: 0.953671466666667

00:04:17.414 --> 00:04:18.767 and the oropharynx,

NOTE Confidence: 0.953671466666667

00:04:18.770 --> 00:04:20.510 that's the tonsils and

NOTE Confidence: 0.953671466666667

00:04:20.510 --> 00:04:22.250 the back of the tongue.

NOTE Confidence: 0.953671466666667

00:04:22.250 --> 00:04:24.210 So the area kind of at the back of the mouth,

NOTE Confidence: 0.953671466666667

00:04:24.210 --> 00:04:25.390 back of the throat,

NOTE Confidence: 0.953671466666667

00:04:25.390 --> 00:04:26.570 back of the tongue,

NOTE Confidence: 0.953671466666667

00:04:26.570 --> 00:04:28.670 that's the oropharynx and that's where

NOTE Confidence: 0.953671466666667

00:04:28.670 --> 00:04:31.158 we're seeing HPV associated squamous

NOTE Confidence: 0.953671466666667

00:04:31.158 --> 00:04:35.330 cell carcinoma that is on the rise

NOTE Confidence: 0.953671466666667

00:04:35.330 --> 00:04:37.745 and accounts for at this point about

NOTE Confidence: 0.953671466666667

00:04:37.745 --> 00:04:41.230 70% of oropharynx cancers and it's

NOTE Confidence: 0.953671466666667

00:04:41.230 --> 00:04:44.370 anticipated that by about 2030

NOTE Confidence: 0.953671466666667

00:04:44.370 --> 00:04:47.242 that the head and neck cancers

NOTE Confidence: 0.953671466666667

00:04:47.242 --> 00:04:49.540 associated with a with HPV will be

NOTE Confidence: 0.953671466666667

00:04:49.540 --> 00:04:51.190 higher than those not associated

NOTE Confidence: 0.953671466666667

00:04:51.190 --> 00:04:53.434 with HPV which will be

NOTE Confidence: 0.953671466666667

00:04:53.434 --> 00:04:55.450 a reverse of what it is currently.

NOTE Confidence: 0.953671466666667

00:04:55.450 --> 00:04:58.050 So as people kind of smoke less,

NOTE Confidence: 0.953671466666667

00:04:58.050 --> 00:05:00.648 those sorts of non HPV related cancers,

NOTE Confidence: 0.953671466666667

00:05:00.650 --> 00:05:02.534 the incidence of those are going

NOTE Confidence: 0.953671466666667

00:05:02.534 --> 00:05:04.500 down but HPV associated

NOTE Confidence: 0.953671466666667

00:05:04.500 --> 00:05:05.490 ones are increasing.

NOTE Confidence: 0.949598185714286

00:05:06.810 --> 00:05:08.386 It's interesting that you

NOTE Confidence: 0.949598185714286

00:05:08.386 --> 00:05:10.750 say that the HPV cancers will

NOTE Confidence: 0.949598185714286

00:05:10.822 --> 00:05:12.898 overtake smoking and alcohol.

NOTE Confidence: 0.949598185714286

00:05:12.900 --> 00:05:15.310 While it's understood that people

NOTE Confidence: 0.949598185714286

00:05:15.310 --> 00:05:17.720 are smoking less and perhaps

NOTE Confidence: 0.949598185714286

00:05:17.806 --> 00:05:20.218 drinking a little bit less too,

NOTE Confidence: 0.949598185714286

00:05:20.220 --> 00:05:22.019 you know, when we think about HPV,

NOTE Confidence: 0.949598185714286

00:05:22.020 --> 00:05:26.508 we have vaccines for HPV to

NOTE Confidence: 0.949598185714286

00:05:26.508 --> 00:05:28.406 prevent HPV associated cancers.

NOTE Confidence: 0.949598185714286

00:05:28.406 --> 00:05:31.519 So why is it that we still think

NOTE Confidence: 0.949598185714286

00:05:31.519 --> 00:05:33.329 that HPV cancers are going

NOTE Confidence: 0.949598185714286

00:05:33.329 --> 00:05:35.540 to be rising to the extent

NOTE Confidence: 0.9229395

00:05:35.540 --> 00:05:37.448 that they are?

NOTE Confidence: 0.9229395

00:05:37.448 --> 00:05:42.360 There's a bit of a lag in the age of

NOTE Confidence: 0.9229395

00:05:42.360 --> 00:05:44.760 patients that have been vaccinated and

NOTE Confidence: 0.9229395

00:05:44.760 --> 00:05:48.240 when patients are getting this diagnosis.

NOTE Confidence: 0.9229395

00:05:48.240 --> 00:05:53.166 So the vaccine Gardasil was FDA

NOTE Confidence: 0.9229395

00:05:53.166 --> 00:05:55.396 approved in early 2000,

NOTE Confidence: 0.9229395

00:05:55.400 --> 00:05:57.736 maybe around 2010, 2012.

NOTE Confidence: 0.9229395

00:05:57.736 --> 00:06:00.476 Actually it was a little bit before that,

NOTE Confidence: 0.9229395

00:06:00.480 --> 00:06:02.505 but there are generations of

NOTE Confidence: 0.9229395

00:06:02.505 --> 00:06:04.125 people that have already

NOTE Confidence: 0.9229395

00:06:04.130 --> 00:06:07.010 acquired the HPV virus

NOTE Confidence: 0.9229395

00:06:07.010 --> 00:06:09.558 and sort of have fallen out of

NOTE Confidence: 0.9229395

00:06:09.558 --> 00:06:11.730 the window of vaccination.

NOTE Confidence: 0.9229395

00:06:11.730 --> 00:06:13.908 So the hope is that over time as more

NOTE Confidence: 0.9229395

00:06:13.908 --> 00:06:16.043 and more people get vaccinated that

NOTE Confidence: 0.9229395

00:06:16.043 --> 00:06:18.529 the rates will eventually go back down.

NOTE Confidence: 0.9229395

00:06:18.530 --> 00:06:19.850 But again we're

NOTE Confidence: 0.9229395

00:06:19.850 --> 00:06:21.170 accounting for this

NOTE Confidence: 0.9229395

00:06:21.170 --> 00:06:23.042 window where people are not

NOTE Confidence: 0.9229395

00:06:23.042 --> 00:06:24.879 vaccinated but they're at an age

NOTE Confidence: 0.9229395

00:06:24.879 --> 00:06:26.463 where they may be diagnosed

NOTE Confidence: 0.9229395

00:06:26.463 --> 00:06:28.347 with this which is typically

NOTE Confidence: 0.9229395

00:06:28.347 --> 00:06:31.305 anywhere from 40s to 60s that

NOTE Confidence: 0.9229395

00:06:31.305 --> 00:06:32.970 they're getting diagnosed with this.

NOTE Confidence: 0.933849618181818

00:06:33.970 --> 00:06:37.880 So tell us more about why it is that people

NOTE Confidence: 0.933849618181818

00:06:37.977 --> 00:06:40.150 get HPV associated oropharyngeal cancers.

NOTE Confidence: 0.933849618181818

00:06:40.150 --> 00:06:42.525 When we think about HPV,

NOTE Confidence: 0.933849618181818

00:06:42.530 --> 00:06:44.882 many of our listeners may be

NOTE Confidence: 0.933849618181818

00:06:44.882 --> 00:06:47.714 thinking about it as, you know,

NOTE Confidence: 0.933849618181818

00:06:47.714 --> 00:06:50.408 a sexually transmitted virus

NOTE Confidence: 0.933849618181818

00:06:50.408 --> 00:06:53.600 that causes cervical cancers.

NOTE Confidence: 0.933849618181818

00:06:53.600 --> 00:06:56.351 So is it systemic spread of that

NOTE Confidence: 0.933849618181818

00:06:56.351 --> 00:06:59.304 virus or is that more, you know,

NOTE Confidence: 0.933849618181818

00:06:59.304 --> 00:07:01.656 a direct inoculation of the virus

NOTE Confidence: 0.933849618181818

00:07:01.656 --> 00:07:04.799 in the mouth due to sexual activity?

NOTE Confidence: 0.933849618181818

00:07:04.800 --> 00:07:06.678 I mean how does that work?

NOTE Confidence: 0.95031693

00:07:08.080 --> 00:07:09.376 Great question.

NOTE Confidence: 0.95031693

00:07:09.376 --> 00:07:12.826 We do know that the risk

NOTE Confidence: 0.95031693

00:07:12.826 --> 00:07:15.056 factor for getting HPV associated

NOTE Confidence: 0.95031693

00:07:15.056 --> 00:07:17.396 head neck cancer is having

NOTE Confidence: 0.95031693

00:07:17.396 --> 00:07:19.974 numerous oral sex partners, so

NOTE Confidence: 0.95031693

00:07:19.974 --> 00:07:23.340 that does speak to your question which is it

NOTE Confidence: 0.95031693

00:07:23.340 --> 00:07:26.052 a direct inoculation perhaps

NOTE Confidence: 0.95031693

00:07:26.052 --> 00:07:28.751 it could also be you know just

NOTE Confidence: 0.95031693

00:07:28.751 --> 00:07:29.939 dormant within the body.

NOTE Confidence: 0.95031693

00:07:29.940 --> 00:07:31.983 So the jury is still out on

NOTE Confidence: 0.95031693

00:07:31.983 --> 00:07:33.898 exactly how it's transmitted there.

NOTE Confidence: 0.95031693

00:07:33.900 --> 00:07:36.630 But we do know that the

NOTE Confidence: 0.95031693

00:07:36.630 --> 00:07:38.485 risk goes up the more oral

NOTE Confidence: 0.95031693

00:07:38.485 --> 00:07:40.380 sex partners that you've had

NOTE Confidence: 0.93723458

00:07:41.260 --> 00:07:44.652 and so getting back to the the vaccine

NOTE Confidence: 0.93723458

00:07:44.652 --> 00:07:47.468 and the fact that some

NOTE Confidence: 0.93723458

00:07:47.468 --> 00:07:50.838 people have kind of already been exposed

NOTE Confidence: 0.93723458

00:07:50.838 --> 00:07:54.940 to the virus, my understanding is

NOTE Confidence: 0.93723458

00:07:54.940 --> 00:07:59.140 that now the age criterion for people

NOTE Confidence: 0.93723458

00:07:59.140 --> 00:08:01.540 to get the vaccine has increased.

NOTE Confidence: 0.93723458

00:08:01.540 --> 00:08:04.740 So it used to be that you had to be,

NOTE Confidence: 0.93723458

00:08:04.740 --> 00:08:07.460 you know, in your preteen years

NOTE Confidence: 0.93723458

00:08:07.460 --> 00:08:09.260 in order to get vaccinated.

NOTE Confidence: 0.93723458

00:08:09.260 --> 00:08:11.340 But my understanding is

NOTE Confidence: 0.93723458

00:08:11.340 --> 00:08:13.500 that has now increased.

NOTE Confidence: 0.93723458

00:08:13.500 --> 00:08:14.892 So two questions.

NOTE Confidence: 0.93723458

00:08:14.892 --> 00:08:18.140 First question is A is that true?

NOTE Confidence: 0.93723458

00:08:18.140 --> 00:08:21.736 And B, if it is true,

NOTE Confidence: 0.93723458

00:08:21.736 --> 00:08:24.920 if you've already been exposed to the virus,

NOTE Confidence: 0.93723458

00:08:24.920 --> 00:08:26.600 does the vaccine still work?

NOTE Confidence: 0.937234531

00:08:27.840 --> 00:08:30.000 Yes, it is true that they

NOTE Confidence: 0.937234531

00:08:30.000 --> 00:08:31.440 have expanded the age.

NOTE Confidence: 0.937234531

00:08:31.440 --> 00:08:33.960 I believe it's up to 45 now.

NOTE Confidence: 0.937234531

00:08:33.960 --> 00:08:35.980 There are many different strains

NOTE Confidence: 0.937234531

00:08:35.980 --> 00:08:39.232 of the virus and so the thought

NOTE Confidence: 0.937234531

00:08:39.232 --> 00:08:40.957 with getting vaccination,

NOTE Confidence: 0.937234531

00:08:40.960 --> 00:08:43.736 even if you've already been exposed is that

NOTE Confidence: 0.937234531

00:08:43.740 --> 00:08:45.280 the vaccination covers many

NOTE Confidence: 0.937234531

00:08:45.280 --> 00:08:46.820 different strains and so perhaps

NOTE Confidence: 0.937234531

00:08:46.871 --> 00:08:48.586 it's going to protect you against a

NOTE Confidence: 0.937234531

00:08:48.586 --> 00:08:50.340 strain that you have yet to acquire.

NOTE Confidence: 0.94276945

00:08:51.820 --> 00:08:56.620 So are those really the only risk factors?

NOTE Confidence: 0.94276945

00:08:56.620 --> 00:09:00.388 So smoking, drinking, and HPV

NOTE Confidence: 0.94276945

00:09:00.390 --> 00:09:05.268 it sounds like it's the the trifecta of sin,

NOTE Confidence: 0.94276945

00:09:05.270 --> 00:09:07.424 but do some people get oropharyngeal

NOTE Confidence: 0.94276945

00:09:07.424 --> 00:09:10.024 cancers just due to bum, bad luck,

NOTE Confidence: 0.94276945

00:09:10.024 --> 00:09:12.109 or due to genetic factors?

NOTE Confidence: 0.94276945

00:09:12.110 --> 00:09:15.014 Are there other things that could

NOTE Confidence: 0.94276945

00:09:15.014 --> 00:09:17.870 predispose people to oropharyngeal cancers?

NOTE Confidence: 0.9251585

00:09:19.880 --> 00:09:21.133 As far as the oropharynx,

NOTE Confidence: 0.9251585

00:09:21.133 --> 00:09:22.759 those are the main risk factors,

NOTE Confidence: 0.94427896

00:09:22.760 --> 00:09:24.880 but there are other risk factors

NOTE Confidence: 0.94427896

00:09:24.880 --> 00:09:27.120 for oral cavity cancer.

NOTE Confidence: 0.94427896

00:09:27.120 --> 00:09:29.440 I mean tobacco is sort of a catchall,

NOTE Confidence: 0.94427896

00:09:29.440 --> 00:09:31.180 you know for many different types

NOTE Confidence: 0.94427896

00:09:31.180 --> 00:09:33.038 of products, so chewing tobacco

NOTE Confidence: 0.94427896

00:09:33.038 --> 00:09:35.594 but also one called beetle nut

NOTE Confidence: 0.94427896

00:09:35.594 --> 00:09:38.040 which is used in parts of Asia,

NOTE Confidence: 0.94427896

00:09:38.040 --> 00:09:41.692 Southeast Asia that it can also

NOTE Confidence: 0.94427896

00:09:41.692 --> 00:09:44.280 be associated or a risk factor

NOTE Confidence: 0.94427896

00:09:44.280 --> 00:09:46.830 for acquiring oral cavity cancer.

NOTE Confidence: 0.94427896

00:09:46.830 --> 00:09:49.557 And then we think of others that are

NOTE Confidence: 0.94427896

00:09:49.557 --> 00:09:52.694 not quite as common that affect the

NOTE Confidence: 0.94427896

00:09:52.694 --> 00:09:55.400 nasal area and can be associated

00:09:57.637 --> 00:10:01.950 with things like woodworking,

NOTE Confidence: 0.94427896

00:10:01.950 --> 00:10:04.635 you know sort of environmental

NOTE Confidence: 0.94427896

00:10:04.635 --> 00:10:06.783 exposures secondary to occupation.

NOTE Confidence: 0.94427896

00:10:06.790 --> 00:10:09.590 Some metalworking can be associated

NOTE Confidence: 0.94427896

00:10:09.590 --> 00:10:11.686 with some head and neck cancers

NOTE Confidence: 0.94427896

00:10:11.686 --> 00:10:13.150 those are pretty rare.

NOTE Confidence: 0.94427896

00:10:13.150 --> 00:10:16.655 So when it comes to risk factors that

NOTE Confidence: 0.94427896

00:10:16.655 --> 00:10:19.360 affect a good amount of people,

NOTE Confidence: 0.94427896

00:10:19.360 --> 00:10:20.948 those are pretty much the main

NOTE Confidence: 0.94427896

00:10:20.948 --> 00:10:22.318 ones that we've talked about,

NOTE Confidence: 0.94427896

00:10:22.320 --> 00:10:27.220 smoking, drinking and increased

NOTE Confidence: 0.94427896

00:10:27.220 --> 00:10:28.720 number of oral sex partners.

NOTE Confidence: 0.941930951666667

00:10:29.480 --> 00:10:31.640 So when we think about smoking,

NOTE Confidence: 0.941930951666667

00:10:31.640 --> 00:10:34.440 one of the other questions that often

NOTE Confidence: 0.941930951666667

00:10:34.440 --> 00:10:39.220 comes up is whether it is the actual

NOTE Confidence: 0.941930951666667

00:10:39.220 --> 00:10:43.540 vapors or whether it is the nicotine content.

NOTE Confidence: 0.941930951666667

00:10:43.540 --> 00:10:46.450 So to get to the whole point of are

NOTE Confidence: 0.941930951666667

00:10:46.530 --> 00:10:49.700 e-cigarettes safe, is vaping safe?

NOTE Confidence: 0.941930951666667

00:10:49.700 --> 00:10:52.820 Does this reduce your risk of

NOTE Confidence: 0.941930951666667

00:10:52.820 --> 00:10:54.785 cancer versus

NOTE Confidence: 0.941930951666667

00:10:54.785 --> 00:10:57.153 traditional smoking or is there a

NOTE Confidence: 0.941930951666667

00:10:57.153 --> 00:11:01.120 risk associated with these as well?

NOTE Confidence: 0.939851064

00:11:01.120 --> 00:11:03.436 You know those products I don't

NOTE Confidence: 0.939851064

00:11:03.436 --> 00:11:05.683 think have been around long enough

NOTE Confidence: 0.939851064

00:11:05.683 --> 00:11:08.195 for us to really know if they

NOTE Confidence: 0.939851064

00:11:08.274 --> 00:11:10.944 have the same impact on cancer

NOTE Confidence: 0.939851064

00:11:10.944 --> 00:11:15.342 predisposition as the smoked tobacco.

NOTE Confidence: 0.939851064

00:11:15.342 --> 00:11:17.758 So we're just not at that point yet.

NOTE Confidence: 0.939851064

00:11:17.760 --> 00:11:21.022 The kind of general

NOTE Confidence: 0.939851064

00:11:21.022 --> 00:11:23.822 recommendation though is that it

NOTE Confidence: 0.939851064

00:11:23.822 --> 00:11:26.279 very well could be associated with it,

NOTE Confidence: 0.939851064

00:11:26.280 --> 00:11:28.884 one of the concerns about smokeless tobacco

NOTE Confidence: 0.939851064

00:11:28.890 --> 00:11:32.005 is that it's getting people exposed early

NOTE Confidence: 0.939851064

00:11:32.005 --> 00:11:34.766 and there's a concern that

NOTE Confidence: 0.939851064

00:11:34.766 --> 00:11:38.049 also it's so much easier to do,

NOTE Confidence: 0.939851064

00:11:38.050 --> 00:11:39.290 you could do it indoors,

NOTE Confidence: 0.939851064

00:11:39.290 --> 00:11:40.284 you could do a little bit here,

NOTE Confidence: 0.939851064

00:11:40.290 --> 00:11:42.530 a little bit there throughout the day.

NOTE Confidence: 0.939851064

00:11:42.530 --> 00:11:44.666 There's a concern that the exposure

NOTE Confidence: 0.939851064

00:11:44.666 --> 00:11:47.063 over time is higher because it's so

NOTE Confidence: 0.939851064

00:11:47.063 --> 00:11:49.698 easy and relatively discreet.

NOTE Confidence: 0.939851064

00:11:49.698 --> 00:11:54.964 So in terms of head and neck cancer,

NOTE Confidence: 0.939851064

00:11:54.970 --> 00:11:58.705 I don't think enough time has passed

00:12:00.966 --> 00:12:04.054 to be able to say

NOTE Confidence: 0.939851064

00:12:04.054 --> 00:12:08.984 it is as associated or as

NOTE Confidence: 0.939851064

00:12:08.984 --> 00:12:10.643 dangerous in terms of a risk factor

NOTE Confidence: 0.939851064

00:12:10.643 --> 00:12:11.669 as smoked tobacco.

NOTE Confidence: 0.939851064

00:12:11.670 --> 00:12:12.906 So the jury is still out,

NOTE Confidence: 0.939851064

00:12:12.910 --> 00:12:14.400 but we anticipate it's probably

NOTE Confidence: 0.939851064

00:12:14.400 --> 00:12:16.230 going to be about the same.

NOTE Confidence: 0.946004114285714

00:12:17.110 --> 00:12:18.909 What about for people who already

NOTE Confidence: 0.946004114285714

00:12:18.910 --> 00:12:21.350 have had a history of smoking,

NOTE Confidence: 0.946004114285714

00:12:21.350 --> 00:12:23.348 have had a history of alcohol,

NOTE Confidence: 0.946004114285714

00:12:23.350 --> 00:12:28.970 may have had exposure to HPV over time?

NOTE Confidence: 0.946004114285714

00:12:28.970 --> 00:12:31.370 You quit smoking, you quit drinking,

NOTE Confidence: 0.946004114285714

00:12:31.370 --> 00:12:37.846 don't have oral sex,

NOTE Confidence: 0.946004114285714

00:12:37.850 --> 00:12:40.613 does that reduce your risk or is it

NOTE Confidence: 0.946004114285714

00:12:40.613 --> 00:12:43.647 more that if you've had a single exposure,

NOTE Confidence: 0.946004114285714

00:12:43.650 --> 00:12:45.045 that single exposure is kind

NOTE Confidence: 0.946004114285714

00:12:45.045 --> 00:12:47.230 of like a mark on your record

NOTE Confidence: 0.946004114285714

00:12:47.230 --> 00:12:49.050 that still increases your risk?

00:12:51.198 --> 00:12:55.240 We talked about it mostly with smoking.

NOTE Confidence: 0.888640304444445

00:12:55.240 --> 00:12:58.163 And it has to do with sort of

NOTE Confidence: 0.888640304444445

00:12:58.163 --> 00:12:59.840 cumulative exposure over time

NOTE Confidence: 0.888640304444445

00:12:59.840 --> 00:13:03.600 and typically we use the

NOTE Confidence: 0.888640304444445

00:13:03.600 --> 00:13:07.719 10 pack year as a bit of a benchmark.

NOTE Confidence: 0.888640304444445

00:13:07.720 --> 00:13:12.998 So below which your risk is lower

NOTE Confidence: 0.888640304444445

00:13:13.000 --> 00:13:15.346 than it is if you've smoked

NOTE Confidence: 0.888640304444445

00:13:15.346 --> 00:13:17.450 more than 10 packs per year.

NOTE Confidence: 0.888640304444445

00:13:17.450 --> 00:13:19.310 Pack year just refers to

NOTE Confidence: 0.888640304444445

00:13:19.310 --> 00:13:21.485 on average how many packs of

NOTE Confidence: 0.888640304444445

00:13:21.485 --> 00:13:23.680 cigarettes do you smoke per year.

NOTE Confidence: 0.915617683333333

00:13:24.900 --> 00:13:27.612 So there's hope for

NOTE Confidence: 0.915617683333333

00:13:27.612 --> 00:13:30.619 people who want to quit smoking

NOTE Confidence: 0.915617683333333

00:13:30.620 --> 00:13:34.400 and reduce their risk of

NOTE Confidence: 0.915617683333333

00:13:34.400 --> 00:13:36.020 getting oropharyngeal cancer.

NOTE Confidence: 0.915617683333333

00:13:36.020 --> 00:13:38.400 When we come back after taking a

NOTE Confidence: 0.915617683333333

00:13:38.400 --> 00:13:40.698 short break for a medical minute,

NOTE Confidence: 0.915617683333333

00:13:40.700 --> 00:13:43.185 we'll dive into a little bit more

NOTE Confidence: 0.915617683333333

00:13:43.185 --> 00:13:44.593 about oropharyngeal cancers and

NOTE Confidence: 0.915617683333333

00:13:44.593 --> 00:13:46.574 other cancers of the head and neck,

NOTE Confidence: 0.915617683333333

00:13:46.580 --> 00:13:47.771 how they present,

NOTE Confidence: 0.915617683333333

00:13:47.771 --> 00:13:49.756 how they're treated and what's

NOTE Confidence: 0.915617683333333

00:13:49.756 --> 00:13:51.490 new on the horizon.

NOTE Confidence: 0.915617683333333

00:13:51.490 --> 00:13:53.098 Please stay tuned to learn more

NOTE Confidence: 0.915617683333333

00:13:53.098 --> 00:13:54.796 about the care of patients with

NOTE Confidence: 0.915617683333333

00:13:54.796 --> 00:13:56.784 head and neck cancers in honor of

NOTE Confidence: 0.915617683333333

00:13:56.784 --> 00:13:58.387 Head and Neck Cancer Awareness

NOTE Confidence: 0.915617683333333

00:13:58.387 --> 00:14:00.110 Month with my guest, Dr.

NOTE Confidence: 0.915617683333333

00:14:00.110 --> 00:14:01.370 Ansley Roche.

NOTE Confidence: 0.915617683333333

00:14:01.370 --> 00:14:02.170 Funding

NOTE Confidence: 0.892981762222222

00:14:02.170 --> 00:14:04.210 for Yale Cancer Answers comes

NOTE Confidence: 0.892981762222222

00:14:04.210 --> 00:14:05.842 from Smilow Cancer Hospital,

NOTE Confidence: 0.892981762222222

00:14:05.850 --> 00:14:08.802 where their Prostate and Urologic Cancers

NOTE Confidence: 0.892981762222222

00:14:08.802 --> 00:14:11.277 program comprises a multispecialty team

NOTE Confidence: 0.892981762222222

00:14:11.277 --> 00:14:13.487 dedicated to managing the diagnosis,

NOTE Confidence: 0.892981762222222

00:14:13.490 --> 00:14:16.328 evaluation, and treatment of urologic cancer.

NOTE Confidence: 0.9301902

00:14:18.490 --> 00:14:18.810 Smilowcancerhospital.org

NOTE Confidence: 0.942083309090909

00:14:20.850 --> 00:14:22.638 Breast cancer is one of the

NOTE Confidence: 0.942083309090909

00:14:22.638 --> 00:14:24.250 most common cancers in women.

NOTE Confidence: 0.942083309090909

00:14:24.250 --> 00:14:25.570 In Connecticut alone,

NOTE Confidence: 0.942083309090909

00:14:25.570 --> 00:14:27.770 approximately 3500 women will be

NOTE Confidence: 0.942083309090909

00:14:27.770 --> 00:14:30.250 diagnosed with breast cancer this year.

NOTE Confidence: 0.942083309090909

00:14:30.250 --> 00:14:31.800 But there is hope thanks

NOTE Confidence: 0.942083309090909

00:14:31.800 --> 00:14:32.730 to earlier detection,

NOTE Confidence: 0.942083309090909

00:14:32.730 --> 00:14:33.912 non invasive treatments,

NOTE Confidence: 0.942083309090909

00:14:33.912 --> 00:14:35.882 and the development of novel

NOTE Confidence: 0.942083309090909

00:14:35.882 --> 00:14:37.929 therapies to fight breast cancer,

NOTE Confidence: 0.942083309090909

00:14:37.930 --> 00:14:39.765 women should schedule a baseline

NOTE Confidence: 0.942083309090909

00:14:39.765 --> 00:14:41.992 mammogram beginning at age 40 or

NOTE Confidence: 0.942083309090909

00:14:41.992 --> 00:14:43.978 earlier if they have risk factors

NOTE Confidence: 0.942083309090909

00:14:43.978 --> 00:14:45.510 associated with the disease.

NOTE Confidence: 0.942083309090909

00:14:45.510 --> 00:14:46.340 With screening,

NOTE Confidence: 0.942083309090909

00:14:46.340 --> 00:14:48.830 early detection,and a healthy lifestyle,

NOTE Confidence: 0.942083309090909

00:14:48.830 --> 00:14:50.990 breast cancer can be defeated.

NOTE Confidence: 0.942083309090909

00:14:50.990 --> 00:14:52.950 Clinical trials are currently

NOTE Confidence: 0.942083309090909

00:14:52.950 --> 00:14:54.910 underway at federally designated

NOTE Confidence: 0.942083309090909

00:14:54.910 --> 00:14:56.606 comprehensive cancer centers such

NOTE Confidence: 0.942083309090909

00:14:56.606 --> 00:14:58.881 as Yale Cancer Center and Smilow

NOTE Confidence: 0.942083309090909

00:14:58.881 --> 00:15:00.975 Cancer Hospital to make innovative

NOTE Confidence: 0.942083309090909

00:15:00.975 --> 00:15:03.110 new treatments available to patients.

NOTE Confidence: 0.942083309090909

00:15:03.110 --> 00:15:05.620 Digital breast tomosynthesis or 3D

NOTE Confidence: 0.942083309090909

00:15:05.620 --> 00:15:08.130 mammography is also transforming breast

NOTE Confidence: 0.942083309090909

00:15:08.198 --> 00:15:10.422 cancer screening by significantly

NOTE Confidence: 0.942083309090909

00:15:10.422 --> 00:15:12.090 reducing unnecessary procedures

NOTE Confidence: 0.942083309090909

00:15:12.090 --> 00:15:14.710 while picking up more cancers.

NOTE Confidence: 0.942083309090909

00:15:14.710 --> 00:15:16.950 More information is available

NOTE Confidence: 0.942083309090909

00:15:16.950 --> 00:15:17.944 at yalecancercenter.org.

NOTE Confidence: 0.942083309090909

00:15:17.944 --> 00:15:20.548 You're listening to Connecticut Public Radio.

NOTE Confidence: 0.950317

00:15:21.350 --> 00:15:23.426 Welcome back to Yale Cancer Answers.

NOTE Confidence: 0.950317

00:15:23.430 --> 00:15:25.070 This is Dr. Anees Chagpar

NOTE Confidence: 0.950317

00:15:25.070 --> 00:15:27.149 and I'm joined tonight by my guest,

NOTE Confidence: 0.950317

00:15:27.150 --> 00:15:28.170 Dr. Ansley Roche.

NOTE Confidence: 0.950317

00:15:28.170 --> 00:15:30.210 We're discussing the care of patients

NOTE Confidence: 0.950317

00:15:30.210 --> 00:15:32.469 with head and neck cancers in honor of

NOTE Confidence: 0.950317

00:15:32.469 --> 00:15:34.629 Head and Neck Cancer Awareness Month.

NOTE Confidence: 0.950317

00:15:34.630 --> 00:15:36.582 Now, before the break,

NOTE Confidence: 0.950317

00:15:36.582 --> 00:15:39.510 we were talking about risk factors

NOTE Confidence: 0.950317

00:15:39.510 --> 00:15:41.814 and things that people can do to reduce

NOTE Confidence: 0.950317

00:15:41.814 --> 00:15:44.345 their risk of getting head and neck cancers,

NOTE Confidence: 0.950317

00:15:44.350 --> 00:15:46.854 and particularly those of

NOTE Confidence: 0.950317

00:15:46.854 --> 00:15:48.639 the oropharyngeal tract.

NOTE Confidence: 0.950317

00:15:48.639 --> 00:15:51.813 So Ansley, let's suppose that somebody

NOTE Confidence: 0.950317

00:15:51.813 --> 00:15:55.449 does get an oropharyngeal cancer,

NOTE Confidence: 0.950317

00:15:55.450 --> 00:15:57.214 tell us a little bit more

NOTE Confidence: 0.950317

00:15:57.214 --> 00:15:58.850 about how those are found.

NOTE Confidence: 0.950317

00:15:58.850 --> 00:16:01.112 Are these routinely things that are

NOTE Confidence: 0.950317

00:16:01.112 --> 00:16:03.078 screened for that are asymptomatic

NOTE Confidence: 0.950317

00:16:03.078 --> 00:16:05.028 or do patients present with

NOTE Confidence: 0.950317

00:16:05.028 --> 00:16:07.648 symptoms and if so what are those?

NOTE Confidence: 0.9553487

00:16:07.810 --> 00:16:10.740 It's highly variable how these

NOTE Confidence: 0.9553487

00:16:10.740 --> 00:16:12.546 present, we often see patients

NOTE Confidence: 0.9553487

00:16:12.546 --> 00:16:14.370 and this depends on the location,

NOTE Confidence: 0.9553487

00:16:14.370 --> 00:16:16.827 we often are referred patients that

NOTE Confidence: 0.9553487

00:16:16.827 --> 00:16:18.970 have been evaluated by their dentist

NOTE Confidence: 0.9553487

00:16:18.970 --> 00:16:21.126 who notices a lesion within the mouth,

NOTE Confidence: 0.9553487

00:16:21.130 --> 00:16:22.250 a spot, something that

NOTE Confidence: 0.9553487

00:16:22.250 --> 00:16:23.370 doesn't look quite right.

NOTE Confidence: 0.9553487

00:16:23.370 --> 00:16:26.290 So they get a biopsy and they would

NOTE Confidence: 0.9553487

00:16:26.290 --> 00:16:29.567 get the diagnosis of cancer.

NOTE Confidence: 0.9553487

00:16:29.570 --> 00:16:31.270 Again typically this would

NOTE Confidence: 0.9553487

00:16:31.270 --> 00:16:32.970 be squamous cell carcinoma.

NOTE Confidence: 0.9553487

00:16:32.970 --> 00:16:35.630 So that can occur just by getting

NOTE Confidence: 0.9553487

00:16:35.630 --> 00:16:36.770 seen by a dentist regularly.

NOTE Confidence: 0.9553487

00:16:36.770 --> 00:16:39.512 So we do strongly encourage regular

NOTE Confidence: 0.9553487

00:16:39.512 --> 00:16:42.272 dental visits every six months.

NOTE Confidence: 0.9553487

00:16:42.272 --> 00:16:44.564 That's one way these are diagnosed.

NOTE Confidence: 0.9553487

00:16:44.570 --> 00:16:46.035 You can imagine that

NOTE Confidence: 0.9553487

00:16:46.035 --> 00:16:47.207 cancer within the

NOTE Confidence: 0.9553487

00:16:47.210 --> 00:16:49.890 upper digestive tract

NOTE Confidence: 0.9553487

00:16:49.890 --> 00:16:52.074 you know can be associated with

NOTE Confidence: 0.9553487

00:16:52.074 --> 00:16:53.530 things like difficulty eating,

NOTE Confidence: 0.9553487

00:16:53.530 --> 00:16:56.434 painful eating, painful chewing,

NOTE Confidence: 0.9553487

00:16:56.434 --> 00:16:58.908 painful swallowing, difficulty swallowing.

NOTE Confidence: 0.9553487

00:16:58.908 --> 00:17:03.490 So those are some also things like ear pain.

NOTE Confidence: 0.9553487

00:17:03.490 --> 00:17:06.248 Even if it's not an ear cancer,

NOTE Confidence: 0.9553487

00:17:06.250 --> 00:17:07.762 there are some nerves in the back

NOTE Confidence: 0.9553487

00:17:07.762 --> 00:17:10.306 of the mouth, back of the throat,

NOTE Confidence: 0.9553487

00:17:10.306 --> 00:17:12.882 that if those nerves are

NOTE Confidence: 0.9553487

00:17:12.882 --> 00:17:14.390 irritated, they can actually cause what is

NOTE Confidence: 0.9553487

00:17:14.390 --> 00:17:15.610 called referred pain,

NOTE Confidence: 0.9553487

00:17:15.610 --> 00:17:17.008 where you get pain somewhere else.

NOTE Confidence: 0.9553487

00:17:17.010 --> 00:17:18.970 So if some patients have ear pain

NOTE Confidence: 0.9553487

00:17:18.970 --> 00:17:20.694 even though they have a

NOTE Confidence: 0.9553487

00:17:20.694 --> 00:17:22.204 cancer within their throat

NOTE Confidence: 0.9553487

00:17:22.204 --> 00:17:24.327 or their voice box,

NOTE Confidence: 0.9553487

00:17:24.330 --> 00:17:26.410 their larynx,

NOTE Confidence: 0.9553487

00:17:26.410 --> 00:17:28.702 another symptom would be a neck

NOTE Confidence: 0.9553487

00:17:28.702 --> 00:17:31.011 mass and that implies that the

NOTE Confidence: 0.9553487

00:17:31.011 --> 00:17:33.482 cancer has spread to a lymph node

NOTE Confidence: 0.9553487

00:17:33.482 --> 00:17:35.208 within the head and neck.

NOTE Confidence: 0.9553487

00:17:35.210 --> 00:17:37.040 So cancers that arise within the

NOTE Confidence: 0.9553487

00:17:37.040 --> 00:17:38.850 oral cavity or even the skin,

NOTE Confidence: 0.9553487

00:17:38.850 --> 00:17:39.770 the back of the mouth,

NOTE Confidence: 0.9553487

00:17:39.770 --> 00:17:42.010 the oral pharynx or the voice box,

NOTE Confidence: 0.9553487

00:17:42.010 --> 00:17:43.026 once they arise there,

NOTE Confidence: 0.9553487

00:17:43.026 --> 00:17:44.550 they have a tendency or the

NOTE Confidence: 0.9553487

00:17:44.605 --> 00:17:46.205 potential to spread to surrounding

NOTE Confidence: 0.9553487

00:17:46.205 --> 00:17:47.805 lymph nodes within the neck.

NOTE Confidence: 0.9553487

00:17:47.810 --> 00:17:49.826 So at times people don't really

NOTE Confidence: 0.9553487

00:17:49.826 --> 00:17:51.461 notice that anything's going on

NOTE Confidence: 0.9553487

00:17:51.461 --> 00:17:53.106 except they might feel a mass or

NOTE Confidence: 0.9553487

00:17:53.106 --> 00:17:55.086 a lump on the side of their neck.

NOTE Confidence: 0.9553487

00:17:55.090 --> 00:17:56.794 So if those are

00:17:58.280 --> 00:17:59.704 symptoms that you have,

NOTE Confidence: 0.9553487

00:17:59.704 --> 00:18:02.480 then you should definitely seek

NOTE Confidence: 0.9553487

00:18:02.480 --> 00:18:04.080 an appointment with your doctor.

NOTE Confidence: 0.9553487

00:18:04.080 --> 00:18:08.452 A neck mass in an adult,

NOTE Confidence: 0.9553487

00:18:08.452 --> 00:18:10.416 without being an alarmist, is

NOTE Confidence: 0.9553487

00:18:10.416 --> 00:18:12.400 concerning until proven otherwise.

NOTE Confidence: 0.9553487

00:18:12.400 --> 00:18:16.408 Neck masses in children typically are

NOTE Confidence: 0.9553487

00:18:16.408 --> 00:18:18.406 infectious and so it's not uncommon for

NOTE Confidence: 0.9553487

00:18:18.406 --> 00:18:20.211 them to get a course of antibiotics

NOTE Confidence: 0.9553487

00:18:20.211 --> 00:18:22.234 and then the neck mass goes away.

NOTE Confidence: 0.9553487

00:18:22.240 --> 00:18:25.750 Adults that have a neck mass,

NOTE Confidence: 0.9553487

00:18:25.750 --> 00:18:26.097 again,

NOTE Confidence: 0.9553487

00:18:26.097 --> 00:18:28.526 it's more concerning than it is in

NOTE Confidence: 0.9553487

00:18:28.526 --> 00:18:30.915 the pediatric population and it

NOTE Confidence: 0.9553487

00:18:30.915 --> 00:18:32.950 really should be evaluated seriously.

NOTE Confidence: 0.9007556525

00:18:34.270 --> 00:18:37.438 And so let's say you find a neck

NOTE Confidence: 0.9007556525

00:18:37.438 --> 00:18:40.228 mass or you have some ear pain,

NOTE Confidence: 0.9007556525

00:18:40.230 --> 00:18:44.070 or a dentist finds a spot in your

NOTE Confidence: 0.9007556525

00:18:44.070 --> 00:18:46.905 mouth and refers you to your

NOTE Confidence: 0.9007556525

00:18:46.905 --> 00:18:50.150 family doctor or a specialist,

NOTE Confidence: 0.9007556525

00:18:50.150 --> 00:18:51.389 what happens then?

NOTE Confidence: 0.9452853

00:18:51.810 --> 00:18:54.122 So if you've gotten the biopsy and you've

NOTE Confidence: 0.9452853

00:18:54.122 --> 00:18:56.088 gotten the diagnosis then the next

NOTE Confidence: 0.9452853

00:18:56.090 --> 00:18:58.298 place to go is a specialist

NOTE Confidence: 0.9452853

00:18:58.298 --> 00:19:00.353 that is trained

NOTE Confidence: 0.9452853

00:19:00.353 --> 00:19:02.425 to take care of these sorts of

NOTE Confidence: 0.9452853

00:19:02.425 --> 00:19:04.123 problems day in and day out.

NOTE Confidence: 0.9452853

00:19:04.130 --> 00:19:06.192 And there are some general ENT's

NOTE Confidence: 0.9452853

00:19:06.192 --> 00:19:09.204 that are comfortable and very

NOTE Confidence: 0.9452853

00:19:09.204 --> 00:19:11.522 facile and proficient with taking care

NOTE Confidence: 0.9452853

00:19:11.522 --> 00:19:13.490 of head and neck cancer patients.

NOTE Confidence: 0.9452853

00:19:13.490 --> 00:19:16.255 But typically head and neck cancer patients

NOTE Confidence: 0.9452853

00:19:16.255 --> 00:19:19.080 are managed by a cancer specialist,

NOTE Confidence: 0.9452853

00:19:19.080 --> 00:19:21.838 surgical oncologist of the head and neck,

NOTE Confidence: 0.9452853

00:19:21.840 --> 00:19:24.036 just like if you have colon cancer,

NOTE Confidence: 0.9452853

00:19:24.040 --> 00:19:25.980 you would want a surgical

NOTE Confidence: 0.9452853

00:19:25.980 --> 00:19:27.920 oncologist to be managing that.

NOTE Confidence: 0.9452853

00:19:27.920 --> 00:19:30.800 That also helps with facilitating

NOTE Confidence: 0.9452853

00:19:30.800 --> 00:19:32.124 other sorts of treatment.

NOTE Confidence: 0.9452853

00:19:32.124 --> 00:19:33.779 Let's say surgery is not

NOTE Confidence: 0.9452853

00:19:33.779 --> 00:19:35.397 the best option for you.

NOTE Confidence: 0.9452853

00:19:35.400 --> 00:19:37.974 Chemotherapy or radiation may be better

NOTE Confidence: 0.9452853

00:19:37.974 --> 00:19:40.500 options and being involved with the

NOTE Confidence: 0.9452853

00:19:40.500 --> 00:19:42.766 head and neck cancer specialist you

NOTE Confidence: 0.9452853

00:19:42.766 --> 00:19:44.796 automatically are involved with all

NOTE Confidence: 0.9452853

00:19:44.796 --> 00:19:46.860 of these other specialists.

00:19:48.340 --> 00:19:50.398 We deliver all of our care within

NOTE Confidence: 0.9452853

00:19:50.398 --> 00:19:52.329 the context of a multidisciplinary

NOTE Confidence: 0.9452853

00:19:52.329 --> 00:19:54.638 team and we make decisions about the

NOTE Confidence: 0.9452853

00:19:54.638 --> 00:19:57.097 best way to treat patients as a team.

NOTE Confidence: 0.9452853

00:19:57.100 --> 00:19:59.207 We have weekly meetings and I

NOTE Confidence: 0.9452853

00:19:59.207 --> 00:20:01.349 think this is pretty universal within

NOTE Confidence: 0.9452853

00:20:01.349 --> 00:20:03.695 the head and neck cancer field,

NOTE Confidence: 0.9452853

00:20:03.700 --> 00:20:04.674 weekly meetings,

NOTE Confidence: 0.9452853

00:20:04.674 --> 00:20:07.109 tumor boards or tumor discussions

NOTE Confidence: 0.9452853

00:20:07.109 --> 00:20:09.946 where we talk about new patients

NOTE Confidence: 0.9452853

00:20:09.946 --> 00:20:12.532 or any patient really,

NOTE Confidence: 0.9452853

00:20:12.540 --> 00:20:14.360 where we're trying to figure out the

NOTE Confidence: 0.9452853

00:20:14.360 --> 00:20:16.407 best way to manage where we meet

NOTE Confidence: 0.9452853

00:20:16.407 --> 00:20:18.225 and discuss the best treatment plan

NOTE Confidence: 0.9452853

00:20:18.284 --> 00:20:20.069 taking into account that individual

NOTE Confidence: 0.9452853

00:20:20.069 --> 00:20:21.854 person looking at their scans,

NOTE Confidence: 0.9452853

00:20:21.860 --> 00:20:23.172 looking at their pathology,

NOTE Confidence: 0.9452853

00:20:23.172 --> 00:20:25.140 talking about their symptoms and then

NOTE Confidence: 0.9452853

00:20:25.195 --> 00:20:26.809 coming up with the best treatment

NOTE Confidence: 0.9452853

00:20:26.809 --> 00:20:27.616 plan for them.

NOTE Confidence: 0.9452853

00:20:27.620 --> 00:20:29.140 So it's very patient specific,

NOTE Confidence: 0.9452853

00:20:29.140 --> 00:20:30.076 patient centered,

NOTE Confidence: 0.9452853

00:20:30.076 --> 00:20:32.416 tailored towards each patient

NOTE Confidence: 0.9452853

00:20:32.416 --> 00:20:34.565 taking into account a variety

NOTE Confidence: 0.9452853

00:20:34.565 --> 00:20:36.260 of things about that person.

NOTE Confidence: 0.950317106

00:20:37.200 --> 00:20:39.040 Even before the biopsy though,

NOTE Confidence: 0.950317106

00:20:39.040 --> 00:20:41.238 when you just go to

NOTE Confidence: 0.950317106

00:20:41.238 --> 00:20:43.361 your doctor and you have some ear

NOTE Confidence: 0.950317106

00:20:43.361 --> 00:20:47.280 pain or a neck mass or something,

NOTE Confidence: 0.950317106

00:20:47.280 --> 00:20:48.570 should patients anticipate

NOTE Confidence: 0.950317106

00:20:48.570 --> 00:20:50.720 that there are scans done?

NOTE Confidence: 0.950317106

00:20:50.720 --> 00:20:53.240 I mean, because especially in the cases

NOTE Confidence: 0.950317106

00:20:53.240 --> 00:20:55.959 like you were mentioning of ear pain,

NOTE Confidence: 0.950317106

00:20:55.960 --> 00:20:57.600 it may be that you have an earache,

NOTE Confidence: 0.950317106

00:20:57.600 --> 00:20:59.172 but it may be referred pain

NOTE Confidence: 0.950317106

00:20:59.172 --> 00:20:59.958 from somewhere else.

NOTE Confidence: 0.950317106

00:20:59.960 --> 00:21:03.600 So how do people know what to biopsy and how?

NOTE Confidence: 0.941863744

00:21:04.280 --> 00:21:05.078 Yes, great question.

NOTE Confidence: 0.941863744

00:21:05.078 --> 00:21:07.291 I mean the vast majority of the time

NOTE Confidence: 0.941863744

00:21:07.291 --> 00:21:09.335 ear pain would will probably be related

NOTE Confidence: 0.941863744

00:21:09.335 --> 00:21:10.999 to something going on in the ear.

NOTE Confidence: 0.941863744

00:21:11.000 --> 00:21:12.480 Ear infections are much more

NOTE Confidence: 0.941863744

00:21:12.480 --> 00:21:14.400 common than head and neck cancer.

NOTE Confidence: 0.941863744

00:21:14.400 --> 00:21:16.576 So the odds are if you have ear

NOTE Confidence: 0.941863744

00:21:16.576 --> 00:21:18.278 pain you probably don't have cancer,

NOTE Confidence: 0.941863744

00:21:18.280 --> 00:21:20.488 but it's probably a good idea to see

NOTE Confidence: 0.941863744

00:21:20.488 --> 00:21:21.769 somebody especially if it doesn't

NOTE Confidence: 0.941863744

00:21:21.769 --> 00:21:23.351 go away after a couple of weeks,

NOTE Confidence: 0.941863744

00:21:23.360 --> 00:21:25.200 a month or two.

NOTE Confidence: 0.941863744

00:21:25.200 --> 00:21:27.558 In terms of what to biopsy,

00:21:29.387 --> 00:21:31.317 maybe a better question is,

NOTE Confidence: 0.941863744

00:21:31.320 --> 00:21:33.450 when do you start scanning?

NOTE Confidence: 0.941863744

00:21:33.450 --> 00:21:35.214 I would say if there's

NOTE Confidence: 0.941863744

00:21:35.214 --> 00:21:37.130 a bump that you can feel,

NOTE Confidence: 0.941863744

00:21:37.130 --> 00:21:39.806 if you're having swallowing problems,

NOTE Confidence: 0.941863744

00:21:39.810 --> 00:21:40.965 it's sort of all of a sudden.

NOTE Confidence: 0.941863744

00:21:40.970 --> 00:21:42.490 If your voice has changed,

NOTE Confidence: 0.941863744

00:21:42.490 --> 00:21:43.648 sort of all of a sudden,

NOTE Confidence: 0.941863744

00:21:43.650 --> 00:21:45.970 and it's persistent over weeks,

NOTE Confidence: 0.941863744

00:21:45.970 --> 00:21:47.636 that's something to bring to the attention

NOTE Confidence: 0.941863744

00:21:47.636 --> 00:21:49.527 of your primary care doctor.

NOTE Confidence: 0.941863744

00:21:49.530 --> 00:21:50.360 And honestly,

NOTE Confidence: 0.941863744

00:21:50.360 --> 00:21:52.850 if your primary care doctor

00:21:53.590 --> 00:21:55.810 reassures you that everything looks great,

00:21:56.244 --> 00:21:57.112 if you're still concerned

NOTE Confidence: 0.941863744

00:21:57.112 --> 00:21:57.763 about your symptoms,

NOTE Confidence: 0.941863744

00:21:57.770 --> 00:21:58.838 you could certainly make

NOTE Confidence: 0.941863744

00:21:58.838 --> 00:21:59.906 another appointment or honestly

NOTE Confidence: 0.941863744

00:21:59.906 --> 00:22:01.130 get a second opinion.

NOTE Confidence: 0.924312516111111

00:22:01.720 --> 00:22:04.904 And when you talk about

NOTE Confidence: 0.924312516111111

00:22:04.904 --> 00:22:06.505 multidisciplinary team in the

NOTE Confidence: 0.924312516111111

00:22:06.505 --> 00:22:08.713 management of head and neck cancers,

NOTE Confidence: 0.924312516111111

00:22:08.720 --> 00:22:11.849 in that context is there kind of

NOTE Confidence: 0.924312516111111

00:22:11.849 --> 00:22:14.817 an algorithm for which

NOTE Confidence: 0.924312516111111

00:22:14.817 --> 00:22:16.376 patients need chemotherapy,

NOTE Confidence: 0.924312516111111

00:22:16.376 --> 00:22:18.520 which patients need radiation,

NOTE Confidence: 0.924312516111111

00:22:18.520 --> 00:22:20.350 which patients need surgery, which

NOTE Confidence: 0.924312516111111

00:22:20.350 --> 00:22:22.799 patients need a combination of the above?

NOTE Confidence: 0.911515941818182

00:22:23.040 --> 00:22:26.640 Yes, it has mostly to do with the

NOTE Confidence: 0.911515941818182

00:22:26.640 --> 00:22:30.216 anatomic location and also the type of tumor.

NOTE Confidence: 0.911515941818182

00:22:30.220 --> 00:22:32.180 So within the oral cavity,

NOTE Confidence: 0.911515941818182

00:22:32.180 --> 00:22:34.058 that's the mouth, the gums,

NOTE Confidence: 0.911515941818182

00:22:34.060 --> 00:22:35.900 the lips, the tongue,

NOTE Confidence: 0.911515941818182

00:22:35.900 --> 00:22:40.180 those are managed with surgery up front,

NOTE Confidence: 0.911515941818182

00:22:40.180 --> 00:22:42.380 unless in very

NOTE Confidence: 0.911515941818182

00:22:42.380 --> 00:22:43.260 extenuating circumstances,

NOTE Confidence: 0.911515941818182

00:22:43.260 --> 00:22:46.068 if it's a very advanced tumor

NOTE Confidence: 0.911515941818182

00:22:46.068 --> 00:22:47.940 that's involving multiple sites,

NOTE Confidence: 0.911515941818182

00:22:47.940 --> 00:22:50.180 if it's involving the jaw,

NOTE Confidence: 0.911515941818182

00:22:50.180 --> 00:22:51.224 the tongue, the skin,

NOTE Confidence: 0.911515941818182

00:22:51.224 --> 00:22:53.769 if it's a very advanced tumor,

NOTE Confidence: 0.911515941818182

00:22:53.770 --> 00:22:56.170 we may try other things

NOTE Confidence: 0.911515941818182

00:22:56.170 --> 00:22:57.610 first like chemotherapy,

NOTE Confidence: 0.911515941818182

00:22:57.610 --> 00:22:59.842 but in general oral cavity is

NOTE Confidence: 0.911515941818182

00:22:59.842 --> 00:23:01.330 managed with surgery upfront

NOTE Confidence: 0.911515941818182

00:23:01.398 --> 00:23:02.958 and then based on what things

NOTE Confidence: 0.911515941818182

00:23:02.958 --> 00:23:04.128 look like under the microscope.

NOTE Confidence: 0.911515941818182

00:23:04.130 --> 00:23:06.560 So the final pathology that will

NOTE Confidence: 0.911515941818182

00:23:06.560 --> 00:23:08.180 determine whether somebody also

NOTE Confidence: 0.911515941818182

00:23:08.244 --> 00:23:10.268 needs radiation or chemotherapy.

NOTE Confidence: 0.911515941818182

00:23:10.270 --> 00:23:11.058 And then you know,

NOTE Confidence: 0.911515941818182

00:23:11.058 --> 00:23:12.240 if you talk about areas like

NOTE Confidence: 0.911515941818182

00:23:12.282 --> 00:23:13.686 the oropharynx that we were

NOTE Confidence: 0.911515941818182

00:23:13.686 --> 00:23:14.622 talking about before many,

NOTE Confidence: 0.911515941818182

00:23:14.630 --> 00:23:15.794 many years ago,

NOTE Confidence: 0.911515941818182

00:23:15.794 --> 00:23:19.789 it was treated with a very invasive,

NOTE Confidence: 0.911515941818182

00:23:19.790 --> 00:23:21.908 somewhat highly morbid surgery to

NOTE Confidence: 0.911515941818182

00:23:21.910 --> 00:23:22.618 if you can imagine,

NOTE Confidence: 0.911515941818182

00:23:22.618 --> 00:23:24.268 to try to access the back of the throat,

NOTE Confidence: 0.911515941818182

00:23:24.270 --> 00:23:25.190 the back of the tongue.

NOTE Confidence: 0.911515941818182

00:23:25.190 --> 00:23:26.846 It's kind of operating around the

NOTE Confidence: 0.911515941818182

00:23:26.846 --> 00:23:28.830 corner and you'd have to do some

00:23:29.542 --> 00:23:31.322 pretty invasive surgery to get

NOTE Confidence: 0.911515941818182

00:23:31.322 --> 00:23:32.390 access back there.

NOTE Confidence: 0.911515941818182

00:23:32.390 --> 00:23:34.256 So the trend was to actually

NOTE Confidence: 0.911515941818182

00:23:34.256 --> 00:23:35.914 begin treating these patients with

NOTE Confidence: 0.911515941818182

00:23:35.914 --> 00:23:37.350 chemotherapy and radiation and

NOTE Confidence: 0.911515941818182

00:23:37.350 --> 00:23:39.145 they've responded very well and

NOTE Confidence: 0.911515941818182

00:23:39.202 --> 00:23:41.036 cure rates have been very high with

NOTE Confidence: 0.911515941818182

00:23:41.036 --> 00:23:43.850 that over the past 20 or so years

NOTE Confidence: 0.911515941818182

00:23:43.850 --> 00:23:46.346 with the advent of literally a robot

NOTE Confidence: 0.911515941818182

00:23:46.346 --> 00:23:49.030 which helps us access the back of the mouth,

NOTE Confidence: 0.911515941818182

00:23:49.030 --> 00:23:50.190 the back of the throat,

NOTE Confidence: 0.911515941818182

00:23:50.190 --> 00:23:53.536 it's actually used quite a bit in

NOTE Confidence: 0.911515941818182

00:23:53.536 --> 00:23:54.322 gynecologic surgeries,

NOTE Confidence: 0.911515941818182

00:23:54.322 --> 00:23:55.794 urologic surgeries, abdominal surgeries.

NOTE Confidence: 0.911515941818182

00:23:55.794 --> 00:23:57.846 We've actually been able to fashion

NOTE Confidence: 0.911515941818182

00:23:57.846 --> 00:24:00.230 it and get FDA approval, not we,

NOTE Confidence: 0.911515941818182

00:24:00.230 --> 00:24:02.390 but some very smart people have

NOTE Confidence: 0.911515941818182

00:24:02.390 --> 00:24:04.420 been able to get FDA approval for

NOTE Confidence: 0.911515941818182

00:24:04.420 --> 00:24:06.348 this to operate in the oropharynx.

NOTE Confidence: 0.911515941818182

00:24:06.350 --> 00:24:08.387 So surgery has become another way

NOTE Confidence: 0.911515941818182

00:24:08.387 --> 00:24:10.420 that we treat oropharynx cancers

NOTE Confidence: 0.911515941818182

00:24:10.420 --> 00:24:12.622 again with also excellent cure rates.

NOTE Confidence: 0.911515941818182

00:24:12.630 --> 00:24:14.317 And so now we're just trying to

NOTE Confidence: 0.911515941818182

00:24:14.317 --> 00:24:15.943 figure out well is surgery better

NOTE Confidence: 0.911515941818182

00:24:15.943 --> 00:24:17.635 than chemo and radiation and we

NOTE Confidence: 0.911515941818182

00:24:17.635 --> 00:24:18.939 often do surgery plus radiation

NOTE Confidence: 0.911515941818182

00:24:18.939 --> 00:24:20.736 can we get rid of the chemotherapy.

NOTE Confidence: 0.911515941818182

00:24:20.736 --> 00:24:23.158 So all along the way

NOTE Confidence: 0.911515941818182

00:24:23.158 --> 00:24:24.929 it's a constant

NOTE Confidence: 0.911515941818182

00:24:24.930 --> 00:24:28.530 struggle or a constant ambition

NOTE Confidence: 0.911515941818182

00:24:28.530 --> 00:24:31.410 to treat without overtreating,

NOTE Confidence: 0.911515941818182

00:24:31.410 --> 00:24:33.566 but treat such that we cure the

NOTE Confidence: 0.911515941818182

00:24:33.566 --> 00:24:35.522 cancer but without

NOTE Confidence: 0.911515941818182

00:24:35.522 --> 00:24:36.965 causing significant

NOTE Confidence: 0.911515941818182

00:24:36.965 --> 00:24:38.889 functional deficits or significant

NOTE Confidence: 0.911515941818182

00:24:38.889 --> 00:24:41.168 side effects from that treatment.

NOTE Confidence: 0.911515941818182

00:24:41.170 --> 00:24:42.770 Things like salivary gland tumors,

NOTE Confidence: 0.911515941818182

00:24:42.770 --> 00:24:45.330 those are primarily treated surgically,

NOTE Confidence: 0.911515941818182

00:24:45.330 --> 00:24:47.294 followed again by radiation

NOTE Confidence: 0.911515941818182

00:24:47.294 --> 00:24:48.767 or possibly chemotherapy,

NOTE Confidence: 0.911515941818182

00:24:48.770 --> 00:24:50.522 and then cancers of

NOTE Confidence: 0.911515941818182

00:24:50.522 --> 00:24:52.480 the voice box or the larynx,it

NOTE Confidence: 0.911515941818182

00:24:52.480 --> 00:24:54.640 depends on how advanced the disease is.

NOTE Confidence: 0.911515941818182

00:24:54.640 --> 00:24:57.040 If it's a small tumor,

00:24:57.488 --> 00:24:59.056 we would love to be able to

NOTE Confidence: 0.911515941818182

00:24:59.056 --> 00:25:00.358 preserve somebody's voice box.

NOTE Confidence: 0.911515941818182

00:25:00.360 --> 00:25:03.180 And so if there are nonsurgical

NOTE Confidence: 0.911515941818182

00:25:03.180 --> 00:25:05.272 options for larynx cancer,

NOTE Confidence: 0.911515941818182

00:25:05.272 --> 00:25:08.240 then that's what we typically try to do.

NOTE Confidence: 0.911515941818182

00:25:08.240 --> 00:25:09.550 If the cancer has already

NOTE Confidence: 0.911515941818182

00:25:09.550 --> 00:25:11.185 rendered that patient to the point

NOTE Confidence: 0.911515941818182

00:25:11.185 --> 00:25:12.560 where they can't really eat,

NOTE Confidence: 0.911515941818182

00:25:12.560 --> 00:25:14.762 they cannot breathe without a

NOTE Confidence: 0.911515941818182

00:25:14.762 --> 00:25:16.647 tracheostomy tube and they can't

NOTE Confidence: 0.911515941818182

00:25:16.647 --> 00:25:18.387 eat without a feeding tube,

NOTE Confidence: 0.911515941818182

00:25:18.390 --> 00:25:20.035 then we have to ask

NOTE Confidence: 0.911515941818182

00:25:20.035 --> 00:25:20.740 well is this organ, and

NOTE Confidence: 0.933849735454545

00:25:20.805 --> 00:25:22.389 the larynx is an organ,

NOTE Confidence: 0.933849735454545

00:25:22.390 --> 00:25:24.964 is this organ worth preserving if

NOTE Confidence: 0.933849735454545

00:25:24.964 --> 00:25:27.680 it's not working that well and if

NOTE Confidence: 0.933849735454545

00:25:27.680 --> 00:25:29.510 if it's already not working well,

NOTE Confidence: 0.933849735454545

00:25:29.510 --> 00:25:31.616 then the highest chance for

NOTE Confidence: 0.933849735454545

00:25:31.616 --> 00:25:33.830 cure in those cases is surgery.

NOTE Confidence: 0.933849735454545

00:25:33.830 --> 00:25:35.517 So again it depends really on

NOTE Confidence: 0.933849735454545

00:25:35.517 --> 00:25:37.274 the location of the cancer as well

NOTE Confidence: 0.933849735454545

00:25:37.274 --> 00:25:38.750 as how advanced the cancer is.

NOTE Confidence: 0.923764575925926

00:25:39.510 --> 00:25:41.442 On this

NOTE Confidence: 0.923764575925926

00:25:41.442 --> 00:25:44.039 show we talk about a variety of

NOTE Confidence: 0.923764575925926

00:25:44.039 --> 00:25:46.170 cancers and our listeners are

NOTE Confidence: 0.923764575925926

00:25:46.170 --> 00:25:48.318 very familiar with this concept of

NOTE Confidence: 0.923764575925926

00:25:48.320 --> 00:25:51.300 treating patients with chemotherapy

NOTE Confidence: 0.923764575925926

00:25:51.300 --> 00:25:54.706 upfront sometimes and some cancers having

NOTE Confidence: 0.923764575925926

00:25:54.706 --> 00:25:57.262 extraordinarily high rates of what we

NOTE Confidence: 0.923764575925926

00:25:57.262 --> 00:25:59.671 call a pathologic complete response

NOTE Confidence: 0.923764575925926

00:25:59.671 --> 00:26:02.475 where essentially there's no

NOTE Confidence: 0.923764575925926

00:26:02.475 --> 00:26:05.359 cancer left when the surgeon goes in

NOTE Confidence: 0.923764575925926

00:26:05.360 --> 00:26:08.664 and in some cases there are clinical

NOTE Confidence: 0.923764575925926

00:26:08.664 --> 00:26:11.442 trials and various other tumor types

NOTE Confidence: 0.923764575925926

00:26:11.442 --> 00:26:14.389 not necessarily in the head and neck,

NOTE Confidence: 0.923764575925926

00:26:14.390 --> 00:26:17.270 but looking at non operative approaches,

NOTE Confidence: 0.923764575925926

00:26:17.270 --> 00:26:18.910 when we think about the head and neck,

NOTE Confidence: 0.923764575925926

00:26:18.910 --> 00:26:21.746 I can only imagine that as you

NOTE Confidence: 0.923764575925926

00:26:21.746 --> 00:26:23.774 kind of mentioned operating in the

NOTE Confidence: 0.923764575925926

00:26:23.774 --> 00:26:26.838 head and neck can be very morbid.

NOTE Confidence: 0.923764575925926

00:26:26.838 --> 00:26:29.910 There are important structures in there

NOTE Confidence: 0.923764575925926

00:26:30.002 --> 00:26:32.744 that are important for function and so on.

NOTE Confidence: 0.923764575925926

00:26:32.750 --> 00:26:37.070 Has that neo adjuvant approach been

NOTE Confidence: 0.923764575925926

00:26:37.070 --> 00:26:39.939 tried in the head and neck?

NOTE Confidence: 0.923764575925926

00:26:39.939 --> 00:26:41.820 For example, in oral cancers you mentioned

NOTE Confidence: 0.923764575925926

00:26:41.820 --> 00:26:44.445 that the mainstay is treating

NOTE Confidence: 0.923764575925926

00:26:44.445 --> 00:26:46.020 with surgery upfront.

NOTE Confidence: 0.923764575925926

00:26:46.020 --> 00:26:49.520 Have people tried using chemotherapy as the

NOTE Confidence: 0.923764575925926

00:26:49.520 --> 00:26:52.658 primary modality and has that not worked?

NOTE Confidence: 0.85458055

00:26:53.620 --> 00:26:57.256 We have.

00:26:59.516 --> 00:27:01.500 We have done it for a handful of patients here.

NOTE Confidence: 0.85458055

00:27:01.500 --> 00:27:06.351 We know that in general oral cavity

NOTE Confidence: 0.85458055

00:27:06.351 --> 00:27:09.156 cancers will, not all of them,

NOTE Confidence: 0.85458055

00:27:09.156 --> 00:27:11.280 but some of them, will respond

NOTE Confidence: 0.85458055

00:27:11.280 --> 00:27:13.770 to chemotherapy or induction chemotherapy

NOTE Confidence: 0.85458055

00:27:13.770 --> 00:27:16.720 or neoadjuvant as you said.

NOTE Confidence: 0.85458055

00:27:16.720 --> 00:27:20.234 But in general it's not a durable,

NOTE Confidence: 0.85458055

00:27:20.234 --> 00:27:25.718 curable way of treating this cancer.

NOTE Confidence: 0.85458055

00:27:25.720 --> 00:27:28.222 It's just something about the

NOTE Confidence: 0.85458055

00:27:28.222 --> 00:27:31.176 oral cavity that it's just not as

NOTE Confidence: 0.85458055

00:27:31.176 --> 00:27:33.937 chemosensitive in that regards for it

NOTE Confidence: 0.85458055

00:27:33.937 --> 00:27:36.237 to completely eliminate the tumor.

NOTE Confidence: 0.85458055

00:27:36.240 --> 00:27:39.020 That's why surgery is,

NOTE Confidence: 0.85458055

00:27:39.020 --> 00:27:40.496 for the vast majority of cases,

NOTE Confidence: 0.85458055

00:27:40.500 --> 00:27:42.444 the initial treatment modality.

NOTE Confidence: 0.85458055

00:27:42.444 --> 00:27:46.033 We have been using the new adjuvant

NOTE Confidence: 0.85458055

00:27:46.033 --> 00:27:48.912 model for very advanced tumors

NOTE Confidence: 0.85458055

00:27:48.912 --> 00:27:51.777 where surgery would be highly,

NOTE Confidence: 0.85458055

00:27:51.780 --> 00:27:56.190 highly morbid and we've seen quite a

NOTE Confidence: 0.85458055

00:27:56.190 --> 00:27:58.766 response is the surgery the same and a

NOTE Confidence: 0.85458055

00:27:58.766 --> 00:28:01.899 lot of the cases it ends up being the same,

NOTE Confidence: 0.85458055

00:28:01.900 --> 00:28:05.040 but honestly the control

NOTE Confidence: 0.85458055

00:28:05.040 --> 00:28:06.060 of the cancer is,

NOTE Confidence: 0.85458055

00:28:06.060 --> 00:28:08.184 it seems, to be better if they've

NOTE Confidence: 0.85458055

00:28:08.184 --> 00:28:10.280 received the neoadjuvant treatment.

NOTE Confidence: 0.85458055

00:28:10.280 --> 00:28:11.565 It's actually an active area

NOTE Confidence: 0.85458055

00:28:11.565 --> 00:28:12.593 of research for us,

NOTE Confidence: 0.85458055

00:28:12.600 --> 00:28:15.685 this neoadjuvant concept and there

NOTE Confidence: 0.85458055

00:28:15.685 --> 00:28:19.060 are some trials within the head

NOTE Confidence: 0.85458055

00:28:19.060 --> 00:28:21.968 and neck section here at Yale

NOTE Confidence: 0.85458055

00:28:21.968 --> 00:28:23.976 looking at neoadjuvant treatments

NOTE Confidence: 0.85458055

00:28:23.976 --> 00:28:26.599 for oropharynx cancers.

NOTE Confidence: 0.85458055

00:28:26.600 --> 00:28:27.659 So it's very,

NOTE Confidence: 0.85458055

00:28:27.659 --> 00:28:29.424 very exciting area of research

NOTE Confidence: 0.85458055

00:28:29.424 --> 00:28:31.800 and does have a lot of potential.

NOTE Confidence: 0.938597261764706

00:28:32.610 --> 00:28:34.692 Doctor Ansley Roche is an assistant

NOTE Confidence: 0.938597261764706

00:28:34.692 --> 00:28:36.525 professor of surgery and otolaryngology

NOTE Confidence: 0.938597261764706

00:28:36.525 --> 00:28:38.805 at the Yale School of Medicine.

NOTE Confidence: 0.938597261764706

00:28:38.810 --> 00:28:40.928 If you have questions, the address

NOTE Confidence: 0.938597261764706

00:28:40.928 --> 00:28:43.250 is Cancer Answers at Yale dot Edu,

NOTE Confidence: 0.938597261764706

00:28:43.250 --> 00:28:45.554 and past editions of the program

NOTE Confidence: 0.938597261764706

00:28:45.554 --> 00:28:47.825 are available in audio and written

NOTE Confidence: 0.938597261764706

00:28:47.825 --> 00:28:48.800 form at yalecancercenter.org.

NOTE Confidence: 0.938597261764706

00:28:48.800 --> 00:28:51.280 We hope you'll join us next week to

NOTE Confidence: 0.938597261764706

00:28:51.280 --> 00:28:53.172 learn more about the fight against

NOTE Confidence: 0.938597261764706

00:28:53.172 --> 00:28:55.050 cancer here on Connecticut Public Radio.

NOTE Confidence: 0.938597261764706

00:28:55.050 --> 00:28:57.588 Funding for Yale Cancer Answers is

NOTE Confidence: 0.938597261764706

00:28:57.588 --> 00:29:00.000 provided by Smilow Cancer Hospital.