WEBVTT

 $00:00:00.000 \longrightarrow 00:00:03.228$ Funding for Yale Cancer Answers is

NOTE Confidence: 0.815263929090909

 $00{:}00{:}03.228 \to 00{:}00{:}06.280$ provided by Smilow Cancer Hospital.

NOTE Confidence: 0.815263929090909

 $00:00:06.280 \longrightarrow 00:00:08.520$ Welcome to Yale Cancer Answers

NOTE Confidence: 0.815263929090909

 $00:00:08.520 \longrightarrow 00:00:10.312$ with Doctor Anees Chappar.

NOTE Confidence: 0.815263929090909

00:00:10.320 --> 00:00:11.812 Yale Cancer Answers features

NOTE Confidence: 0.815263929090909

00:00:11.812 --> 00:00:13.677 the latest information on cancer

NOTE Confidence: 0.815263929090909

00:00:13.677 --> 00:00:15.586 care by welcoming oncologists and

NOTE Confidence: 0.815263929090909

 $00:00:15.586 \longrightarrow 00:00:17.794$ specialists who are on the forefront

NOTE Confidence: 0.815263929090909

 $00:00:17.851 \longrightarrow 00:00:19.549$ of the battle to fight cancer.

NOTE Confidence: 0.815263929090909

00:00:19.550 --> 00:00:21.800 This week it's a conversation about

NOTE Confidence: 0.815263929090909

 $00{:}00{:}21.800 \dashrightarrow 00{:}00{:}24.199$ Psycho Oncology with Doctor Shannon Mazur.

NOTE Confidence: 0.815263929090909

 $00:00:24.200 \longrightarrow 00:00:26.433$ Dr. Mazur is an assistant professor of

NOTE Confidence: 0.815263929090909

 $00:00:26.433 \longrightarrow 00:00:28.819$ psychiatry at the Yale School of Medicine,

NOTE Confidence: 0.815263929090909

 $00:00:28.820 \longrightarrow 00:00:30.992$ where Doctor Chagpar is a professor

NOTE Confidence: 0.815263929090909

 $00:00:30.992 \longrightarrow 00:00:32.078$ of surgical oncology.

 $00:00:33.390 \longrightarrow 00:00:34.884$ So Shannon, maybe we can start

NOTE Confidence: 0.893606635217391

 $00{:}00{:}34.884 \dashrightarrow 00{:}00{:}36.649$ off by you telling us a little

NOTE Confidence: 0.893606635217391

00:00:36.649 --> 00:00:38.083 bit more about yourself and what it is you do?

00:00:40.576 --> 00:00:42.200 Sure, I'm currently working

NOTE Confidence: 0.80939651

00:00:42.210 --> 00:00:44.891 as a psycho oncologist at the Cancer

NOTE Confidence: 0.80939651

 $00:00:44.891 \dashrightarrow 00:00:47.889$ Center and my background got me here.

NOTE Confidence: 0.80939651

 $00:00:47.890 \longrightarrow 00:00:50.914$ I have always been interested in medicine

NOTE Confidence: 0.80939651

 $00:00:50.914 \longrightarrow 00:00:53.089$ and human interactions from a young

NOTE Confidence: 0.80939651

 $00:00:53.089 \longrightarrow 00:00:54.758$ age and at some point along the way,

NOTE Confidence: 0.80939651

 $00:00:54.760 \longrightarrow 00:00:56.615$ I got heavily involved in bioethics and

NOTE Confidence: 0.80939651

 $00{:}00{:}56.615 \dashrightarrow 00{:}00{:}58.958$ it led to me having a masters degree

NOTE Confidence: 0.80939651

 $00:00:58.958 \longrightarrow 00:01:01.042$ in bioethics and then taught in the

NOTE Confidence: 0.80939651

 $00{:}01{:}01.042 \dashrightarrow 00{:}01{:}02.932$ field for quite a few years before

NOTE Confidence: 0.80939651

 $00{:}01{:}02.932 \dashrightarrow 00{:}01{:}04.270$ actually going to medical school.

NOTE Confidence: 0.80939651

 $00:01:04.270 \longrightarrow 00:01:06.440$ And when I was involved in bioethics,

NOTE Confidence: 0.80939651

 $00:01:06.440 \longrightarrow 00:01:08.575$ that led to a deep interest in

 $00:01:08.575 \longrightarrow 00:01:11.235$ end of life care and some of the

NOTE Confidence: 0.80939651

 $00:01:11.235 \longrightarrow 00:01:13.830$ issues that come with end of life

NOTE Confidence: 0.80939651

00:01:13.830 --> 00:01:15.955 care and inevitably Hospice care,

NOTE Confidence: 0.80939651

00:01:15.960 --> 00:01:16.914 palliative care,

NOTE Confidence: 0.80939651

 $00:01:16.914 \longrightarrow 00:01:20.730$ and how we handle people who are seriously

NOTE Confidence: 0.80939651

00:01:20.815 --> 00:01:23.722 ill and all of my work along the way

NOTE Confidence: 0.80939651

 $00:01:23.722 \longrightarrow 00:01:26.558$ led to me becoming a psychiatrist,

NOTE Confidence: 0.80939651

00:01:26.560 --> 00:01:28.204 going through medical school,

NOTE Confidence: 0.80939651

 $00:01:28.204 \longrightarrow 00:01:30.670$ and then eventually doing a fellowship

NOTE Confidence: 0.80939651

 $00:01:30.737 \longrightarrow 00:01:32.796$ within consult medicine for psychiatry

NOTE Confidence: 0.80939651

00:01:32.796 --> 00:01:34.916 and following up with that,

NOTE Confidence: 0.80939651

 $00:01:34.920 \longrightarrow 00:01:37.064$ working specifically with

NOTE Confidence: 0.80939651

00:01:37.064 --> 00:01:40.280 cancer patients and psychiatry.

NOTE Confidence: 0.80939651

 $00{:}01{:}40.360 \dashrightarrow 00{:}01{:}42.712$ The field of psycho on cology is

NOTE Confidence: 0.80939651

 $00:01:42.712 \longrightarrow 00:01:46.024$ where I reside now and have both

NOTE Confidence: 0.80939651

 $00:01:46.024 \longrightarrow 00:01:48.514$ work that is inpatient and outpatient

00:01:48.520 --> 00:01:51.418 work and psychology can be thought

NOTE Confidence: 0.80939651

 $00{:}01{:}51.418 \dashrightarrow 00{:}01{:}53.646$ of as working within the hospital.

NOTE Confidence: 0.80939651

 $00{:}01{:}53.646 \dashrightarrow 00{:}01{:}55.867$ And also there's aspects to it that

NOTE Confidence: 0.80939651

 $00:01:55.867 \longrightarrow 00:01:57.806$ are done as an outpatient and the

NOTE Confidence: 0.80939651

 $00:01:57.806 \longrightarrow 00:01:59.802$ continuity of care that can come with

NOTE Confidence: 0.80939651

 $00{:}01{:}59.802 \dashrightarrow 00{:}02{:}02{:}02{:}050$ those that are not currently hospitalized.

NOTE Confidence: 0.929518265454545

 $00:02:02.810 \longrightarrow 00:02:04.973$ So, let's pick up on that

NOTE Confidence: 0.929518265454545

00:02:04.973 --> 00:02:06.350 conversation at that point.

NOTE Confidence: 0.929518265454545

 $00:02:06.350 \longrightarrow 00:02:07.934$ So for many of

NOTE Confidence: 0.929518265454545

 $00:02:07.934 \longrightarrow 00:02:09.640$ the people in our audience,

NOTE Confidence: 0.929518265454545

 $00:02:09.640 \longrightarrow 00:02:11.692$ we may not be completely familiar

NOTE Confidence: 0.929518265454545

00:02:11.692 --> 00:02:14.209 with the field of psycho oncology.

NOTE Confidence: 0.929518265454545

 $00{:}02{:}14.210 \dashrightarrow 00{:}02{:}16.898$ Many of us know about medical

NOTE Confidence: 0.929518265454545

00:02:16.898 --> 00:02:18.690 oncology or surgical oncology,

NOTE Confidence: 0.929518265454545

 $00:02:18.690 \longrightarrow 00:02:19.850$ radiation oncology,

 $00:02:19.850 \longrightarrow 00:02:22.750$ what exactly is psycho oncology?

NOTE Confidence: 0.82249802125

 $00{:}02{:}23.460 \dashrightarrow 00{:}02{:}26.112$ So Psycho Oncology first came about

NOTE Confidence: 0.82249802125

 $00{:}02{:}26.112 \dashrightarrow 00{:}02{:}29.035$ around the 1970s in Western countries and

NOTE Confidence: 0.82249802125

 $00:02:29.035 \longrightarrow 00:02:31.776$ in Western culture and came about that

NOTE Confidence: 0.82249802125

 $00:02:31.776 \longrightarrow 00:02:34.700$ there used to be cancer as a diagnosis,

NOTE Confidence: 0.82249802125

 $00:02:34.700 \longrightarrow 00:02:37.980$ was kind of a stigma, it

NOTE Confidence: 0.82249802125

 $00:02:37.980 \longrightarrow 00:02:39.320$ wasn't talked about as much.

NOTE Confidence: 0.82249802125

 $00:02:39.320 \longrightarrow 00:02:42.071$ And there became this movement within the

NOTE Confidence: 0.82249802125

 $00:02:42.071 \longrightarrow 00:02:44.640$ 1970s where patients were starting

NOTE Confidence: 0.82249802125

 $00:02:44.640 \longrightarrow 00:02:47.720$ to have more conversations about it and

NOTE Confidence: 0.82249802125

00:02:47.720 --> 00:02:50.716 integrating in more social aspects

NOTE Confidence: 0.82249802125

00:02:50.716 --> 00:02:53.619 into their care and really not having

NOTE Confidence: 0.82249802125

 $00:02:53.620 \longrightarrow 00:02:56.796$ what was once deemed just as

NOTE Confidence: 0.82249802125

 $00:02:56.796 \longrightarrow 00:02:59.710$ this death sentence and able to

NOTE Confidence: 0.82249802125

00:02:59.710 --> 00:03:02.144 talk more about it amongst providers,

NOTE Confidence: 0.82249802125

 $00:03:02.144 \longrightarrow 00:03:03.206$ society, family members.

 $00:03:03.206 \longrightarrow 00:03:05.738$ And so the field of Psycho

NOTE Confidence: 0.82249802125

 $00:03:05.738 \longrightarrow 00:03:07.826$ Oncology first started to get its

NOTE Confidence: 0.82249802125

 $00:03:07.826 \longrightarrow 00:03:09.972$ roots around that time in the 1970s

NOTE Confidence: 0.82249802125

 $00:03:09.972 \longrightarrow 00:03:12.646$ and then kind of sprang from there.

NOTE Confidence: 0.82249802125

 $00:03:12.650 \longrightarrow 00:03:14.022$ So it is a relatively new field,

NOTE Confidence: 0.82249802125

 $00:03:14.022 \longrightarrow 00:03:17.116$ but even more so I would say in the

NOTE Confidence: 0.82249802125

00:03:17.116 --> 00:03:19.370 last 20 years has started to become

NOTE Confidence: 0.82249802125

 $00{:}03{:}19.440 \dashrightarrow 00{:}03{:}22.562$ integrated into most of the larger cancer

NOTE Confidence: 0.82249802125

 $00:03:22.562 \longrightarrow 00:03:25.218$ hospitals because there became this

NOTE Confidence: 0.82249802125

 $00{:}03{:}25.218 \dashrightarrow 00{:}03{:}28.644$ knowledge that within the field

NOTE Confidence: 0.82249802125

 $00:03:28.644 \longrightarrow 00:03:31.544$ of psychology that the main 2 aspects

NOTE Confidence: 0.82249802125

 $00:03:31.544 \longrightarrow 00:03:34.302$ is that it's studying the impact of

NOTE Confidence: 0.82249802125

 $00{:}03{:}34.302 \dashrightarrow 00{:}03{:}36.737$ behavior and psychosocial factors on

NOTE Confidence: 0.82249802125

 $00:03:36.737 \longrightarrow 00:03:39.887$ cancer and cancer morbidity and mortality.

NOTE Confidence: 0.82249802125

 $00:03:39.890 \longrightarrow 00:03:41.304$ And also the flip side of that,

 $00:03:41.310 \longrightarrow 00:03:43.338$ which is how psychological

NOTE Confidence: 0.82249802125

 $00{:}03{:}43.338 \dashrightarrow 00{:}03{:}45.366$ influences can influence cancer.

NOTE Confidence: 0.82249802125

00:03:45.370 --> 00:03:47.910 So seeing both how behavior

NOTE Confidence: 0.82249802125

 $00:03:47.910 \longrightarrow 00:03:48.926$ influences cancer,

NOTE Confidence: 0.82249802125

 $00:03:48.930 \longrightarrow 00:03:50.695$ but how cancer influences our

NOTE Confidence: 0.82249802125

 $00:03:50.695 \longrightarrow 00:03:52.858$ behavior and our mental.

NOTE Confidence: 0.82249802125

 $00:03:52.858 \longrightarrow 00:03:54.834$ Psycho oncology

NOTE Confidence: 0.82249802125

 $00:03:54.834 \longrightarrow 00:03:57.816$ kind of integrates in both

NOTE Confidence: 0.82249802125

 $00{:}03{:}57.816 \to 00{:}04{:}01.499$ aspects of that showing that beyond just

NOTE Confidence: 0.82249802125

 $00:04:01.499 \longrightarrow 00:04:03.798$ the medical treatment there's

NOTE Confidence: 0.82249802125

 $00{:}04{:}03.798 \dashrightarrow 00{:}04{:}06.012$ this whole other aspect to cancer

NOTE Confidence: 0.82249802125

 $00:04:06.012 \longrightarrow 00:04:08.759$ care and treatment that we need to be

NOTE Confidence: 0.82249802125

 $00:04:08.759 \longrightarrow 00:04:11.489$ examining and to bring in as part of a

NOTE Confidence: 0.82249802125

 $00:04:11.489 \longrightarrow 00:04:13.748$ holistic approach to cancer.

NOTE Confidence: 0.82249802125

 $00:04:13.748 \longrightarrow 00:04:16.076$ We know that depending

NOTE Confidence: 0.82249802125

 $00:04:16.076 \longrightarrow 00:04:17.894$ upon what source you look at

00:04:17.894 --> 00:04:19.239 and what what research paper you read,

NOTE Confidence: 0.82249802125

 $00:04:19.240 \longrightarrow 00:04:22.804$ the kind of common number that is most

NOTE Confidence: 0.82249802125

 $00:04:22.804 \longrightarrow 00:04:25.898$ commonly seen is that about 35% of patients

NOTE Confidence: 0.82249802125

 $00:04:25.898 \longrightarrow 00:04:27.928$ who have cancer diagnosis will

NOTE Confidence: 0.82249802125

 $00:04:27.928 \longrightarrow 00:04:30.826$ at some point have a psychiatric

NOTE Confidence: 0.82249802125

 $00:04:30.826 \longrightarrow 00:04:33.336$ disorder or diagnosis within the

NOTE Confidence: 0.82249802125

 $00:04:33.336 \longrightarrow 00:04:35.320$ trajectory of their treatment.

NOTE Confidence: 0.82249802125

 $00:04:35.320 \longrightarrow 00:04:37.119$ So whether that's at the

NOTE Confidence: 0.82249802125

 $00{:}04{:}37.119 \dashrightarrow 00{:}04{:}38.653$ beginning and whether that's through

NOTE Confidence: 0.82249802125

 $00{:}04{:}38.653 \dashrightarrow 00{:}04{:}40.418$ the treatment or transitioning through

NOTE Confidence: 0.82249802125

00:04:40.418 --> 00:04:42.150 survivorship and end of life care,

NOTE Confidence: 0.82249802125

 $00{:}04{:}42.150 \dashrightarrow 00{:}04{:}45.728$ but about 35% and I almost think that

NOTE Confidence: 0.82249802125

 $00{:}04{:}45.728 \dashrightarrow 00{:}04{:}47.660$ that is somewhat of a low number,

NOTE Confidence: 0.82249802125

 $00:04:47.660 \longrightarrow 00:04:49.436$ but that's really kind of getting

NOTE Confidence: 0.82249802125

 $00:04:49.436 \longrightarrow 00:04:51.967$ to those who meet the actual

 $00:04:51.967 \longrightarrow 00:04:53.978$ kind of disorder diagnosis and we

NOTE Confidence: 0.82249802125

 $00{:}04{:}53.978 \dashrightarrow 00{:}04{:}56.366$ see that this number continues to

NOTE Confidence: 0.82249802125

 $00:04:56.370 \longrightarrow 00:04:59.506$ increase in the sense that we have

NOTE Confidence: 0.82249802125

 $00:04:59.506 \longrightarrow 00:05:01.762$ medical progress showing

NOTE Confidence: 0.82249802125

00:05:01.762 --> 00:05:03.847 more survivors being able

NOTE Confidence: 0.82249802125

 $00:05:03.847 \longrightarrow 00:05:05.880$ to survive through the cancer and

NOTE Confidence: 0.82249802125

 $00:05:05.880 \longrightarrow 00:05:07.168$ longer periods of time.

NOTE Confidence: 0.82249802125

 $00:05:07.170 \longrightarrow 00:05:08.759$ And then also just the fact that

NOTE Confidence: 0.82249802125

 $00:05:08.759 \longrightarrow 00:05:10.550$ we see that increased life

NOTE Confidence: 0.82249802125

 $00:05:10.550 \longrightarrow 00:05:12.305$ expectancy leading to higher numbers

NOTE Confidence: 0.82249802125

 $00{:}05{:}12.305 \dashrightarrow 00{:}05{:}14.148$ of cancer patients in general.

 $00{:}05{:}14.882 \rightarrow 00{:}05{:}17.078$ So this number has continued to grow

NOTE Confidence: 0.82249802125

 $00{:}05{:}17.078 \dashrightarrow 00{:}05{:}19.621$ and is becoming as I mentioned

NOTE Confidence: 0.82249802125

 $00{:}05{:}19.621 \dashrightarrow 00{:}05{:}21.950$ kind of more integrated into many

NOTE Confidence: 0.82249802125

 $00{:}05{:}21.950 \dashrightarrow 00{:}05{:}24.150$ of the larger cancer hospitals.

NOTE Confidence: 0.888938925833333

 $00:05:24.670 \longrightarrow 00:05:26.353$ So that's interesting.

 $00:05:26.353 \longrightarrow 00:05:29.158$ 35% of cancer survivors will

NOTE Confidence: 0.888938925833333

 $00{:}05{:}29.158 \dashrightarrow 00{:}05{:}32.509$ have a psychiatric diagnosis.

NOTE Confidence: 0.888938925833333

00:05:32.510 --> 00:05:34.780 Certainly, as you pointed out,

NOTE Confidence: 0.888938925833333

 $00:05:34.780 \longrightarrow 00:05:37.918$ the impact of cancer can be

NOTE Confidence: 0.888938925833333

 $00:05:37.920 \longrightarrow 00:05:39.675$ quite significant in terms of

NOTE Confidence: 0.888938925833333

 $00:05:39.675 \longrightarrow 00:05:41.079$ the patient's mental health.

NOTE Confidence: 0.888938925833333

00:05:41.080 --> 00:05:43.460 I mean, certainly I think many of

NOTE Confidence: 0.888938925833333

 $00:05:43.460 \longrightarrow 00:05:45.279$ our listeners can imagine that

NOTE Confidence: 0.888938925833333

 $00{:}05{:}45.279 \dashrightarrow 00{:}05{:}47.475$ if given a diagnosis of cancer,

NOTE Confidence: 0.888938925833333

 $00:05:47.480 \longrightarrow 00:05:52.160$ one may face anxiety or depression,

NOTE Confidence: 0.888938925833333

 $00{:}05{:}52.160 \dashrightarrow 00{:}05{:}55.898$ but that may be more so attributed

NOTE Confidence: 0.888938925833333

 $00:05:55.898 \longrightarrow 00:05:58.760$ to the diagnosis itself and

NOTE Confidence: 0.888938925833333

00:05:58.760 --> 00:06:01.340 being able to cope rather

NOTE Confidence: 0.888938925833333

 $00:06:01.340 \longrightarrow 00:06:04.177$ than a disorder of

NOTE Confidence: 0.888938925833333

00:06:04.177 --> 00:06:06.737 transmitters in your brain.

NOTE Confidence: 0.888938925833333

 $00{:}06{:}06.740 \dashrightarrow 00{:}06{:}09.232$ Can you talk a little bit more

 $00{:}06{:}09.232 \dashrightarrow 00{:}06{:}11.876$ about the diagnosis that's made

NOTE Confidence: 0.888938925833333

 $00:06:11.876 \longrightarrow 00:06:14.498$ in these 35% of cancer survivors

NOTE Confidence: 0.888938925833333

 $00{:}06{:}14.498 \dashrightarrow 00{:}06{:}16.940$ and whether that's a transient

NOTE Confidence: 0.888938925833333

 $00:06:17.018 \longrightarrow 00:06:19.303$ thing or whether there actually

NOTE Confidence: 0.888938925833333

 $00:06:19.303 \longrightarrow 00:06:21.588$ is an impact on neurotransmitters

NOTE Confidence: 0.888938925833333

 $00:06:21.659 \longrightarrow 00:06:23.479$ that needs to be dealt with in

NOTE Confidence: 0.888938925833333

 $00:06:23.479 \longrightarrow 00:06:26.050$ a pharmacologic manner.

NOTE Confidence: 0.72773496375

 $00{:}06{:}26.600 \dashrightarrow 00{:}06{:}29.128$ That's a great question and I think

NOTE Confidence: 0.72773496375

00:06:29.130 --> 00:06:31.636 it's a multifold answer and part of

NOTE Confidence: 0.72773496375

 $00:06:31.636 \longrightarrow 00:06:34.580$ that is that we obviously within that

NOTE Confidence: 0.72773496375

 $00:06:34.580 \longrightarrow 00:06:36.974$ 35% there are patients who have already

NOTE Confidence: 0.72773496375

 $00:06:36.974 \longrightarrow 00:06:38.819$ had pre-existing mental health issues.

NOTE Confidence: 0.72773496375

 $00:06:38.820 \longrightarrow 00:06:41.232$ So somebody who's struggled with anxiety

NOTE Confidence: 0.72773496375

 $00:06:41.232 \longrightarrow 00:06:43.568$ or depression throughout their entire life

NOTE Confidence: 0.72773496375

 $00:06:43.568 \longrightarrow 00:06:45.798$ they're included in that 35%.

00:06:45.798 --> 00:06:48.209 So we know there are people who whether

NOTE Confidence: 0.72773496375

 $00:06:48.209 \longrightarrow 00:06:50.723$ it was kind of already genetically

NOTE Confidence: 0.72773496375

 $00:06:50.723 \longrightarrow 00:06:53.273$ predisposed or had

NOTE Confidence: 0.72773496375

 $00:06:53.273 \longrightarrow 00:06:55.024$ an organic presentation throughout

NOTE Confidence: 0.72773496375

 $00:06:55.024 \longrightarrow 00:06:57.943$ their life that will also

NOTE Confidence: 0.72773496375

 $00:06:57.943 \longrightarrow 00:07:00.066$ either have a worsening of their

NOTE Confidence: 0.72773496375

 $00{:}07{:}00.070 \dashrightarrow 00{:}07{:}02.639$ symptoms or just a continuation of their

NOTE Confidence: 0.72773496375

 $00:07:02.639 \longrightarrow 00:07:04.799$ symptoms through their cancer diagnosis.

NOTE Confidence: 0.72773496375

 $00:07:04.800 \longrightarrow 00:07:07.347$ But the other side of that is what I

NOTE Confidence: 0.72773496375

00:07:07.347 --> 00:07:09.594 think you're getting at is there's

NOTE Confidence: 0.72773496375

 $00:07:09.594 \longrightarrow 00:07:12.173$ a large percentage of

NOTE Confidence: 0.72773496375

 $00:07:12.173 \longrightarrow 00:07:14.033$ this population that has

NOTE Confidence: 0.72773496375

00:07:14.033 --> 00:07:15.428 no prior psychiatric history,

NOTE Confidence: 0.72773496375

00:07:15.428 --> 00:07:17.732 has never seen a psychiatrist or

NOTE Confidence: 0.72773496375

 $00:07:17.732 \longrightarrow 00:07:19.821$ a the rapist that never considered

NOTE Confidence: 0.72773496375

 $00:07:19.821 \longrightarrow 00:07:21.916$ themselves to struggle with anxiety

 $00:07:21.916 \longrightarrow 00:07:24.485$ or depression who are now in this

NOTE Confidence: 0.72773496375

 $00{:}07{:}24.485 \to 00{:}07{:}26.349$ situation with cancer and finding that

NOTE Confidence: 0.72773496375

 $00:07:26.349 \longrightarrow 00:07:28.547$ they're starting to have some of those

NOTE Confidence: 0.72773496375

00:07:28.547 --> 00:07:30.416 symptoms and so we can look at it

NOTE Confidence: 0.72773496375

 $00:07:30.420 \longrightarrow 00:07:33.039$ in an acute aspect and then

NOTE Confidence: 0.72773496375

 $00:07:33.039 \longrightarrow 00:07:35.476$ also kind of looking at the more

NOTE Confidence: 0.72773496375

 $00:07:35.476 \longrightarrow 00:07:37.991$ long haul and changes

NOTE Confidence: 0.72773496375

00:07:37.991 --> 00:07:40.546 that may come and so acutely many

NOTE Confidence: 0.72773496375

 $00:07:40.546 \longrightarrow 00:07:42.870$ patients of course have an

NOTE Confidence: 0.72773496375

00:07:42.945 --> 00:07:45.497 adjustment to finding out

NOTE Confidence: 0.72773496375

00:07:45.497 --> 00:07:48.469 a cancer diagnosis, it can be very shocking,

NOTE Confidence: 0.72773496375

 $00:07:48.470 \longrightarrow 00:07:49.958$ it can be very distressing and can bring

NOTE Confidence: 0.72773496375

 $00{:}07{:}49.958 \dashrightarrow 00{:}07{:}51.887$ up a whole lot of emotions and

NOTE Confidence: 0.72773496375

 $00:07:51.887 \longrightarrow 00:07:53.645$ that's to be expected from anybody.

NOTE Confidence: 0.72773496375

 $00:07:53.650 \longrightarrow 00:07:55.492$ And so that doesn't necessarily mean

 $00:07:55.492 \longrightarrow 00:07:57.903$ that you have a a mental health issue

NOTE Confidence: 0.72773496375

 $00:07:57.903 \longrightarrow 00:08:00.590$ or that there is need for

NOTE Confidence: 0.72773496375

00:08:00.590 --> 00:08:01.760 acquisition or intervention,

NOTE Confidence: 0.72773496375

00:08:01.760 --> 00:08:04.308 it just means that quite frankly you're

NOTE Confidence: 0.72773496375

 $00:08:04.308 \longrightarrow 00:08:06$. kind of normal and that's

NOTE Confidence: 0.72773496375

 $00{:}08{:}06.929 \dashrightarrow 00{:}08{:}09.979$ to be expected with having such a large

NOTE Confidence: 0.72773496375

 $00:08:09.979 \longrightarrow 00:08:12.355$ diagnosis or revelation happen.

NOTE Confidence: 0.72773496375

 $00:08:12.360 \longrightarrow 00:08:14.201$ But what some patients will have

NOTE Confidence: 0.72773496375

 $00:08:14.201 \longrightarrow 00:08:16.199$ is that this will then continue on.

NOTE Confidence: 0.72773496375

00:08:16.200 --> 00:08:17.971 It's not just that kind of initial

NOTE Confidence: 0.72773496375

 $00{:}08{:}17.971 \dashrightarrow 00{:}08{:}19.646$ shock or that initial adjustment and

NOTE Confidence: 0.72773496375

 $00:08:19.646 \longrightarrow 00:08:21.995$ it can actually lead to what we

NOTE Confidence: 0.72773496375

00:08:21.995 --> 00:08:23.771 would then qualify as an adjustment

NOTE Confidence: 0.72773496375

 $00:08:23.771 \longrightarrow 00:08:25.479$ disorder and that would

NOTE Confidence: 0.72773496375

 $00{:}08{:}25.479 \dashrightarrow 00{:}08{:}27.908$ mean that it would be a continued

NOTE Confidence: 0.72773496375

 $00{:}08{:}27.908 \dashrightarrow 00{:}08{:}30.584$ presence of the symptoms whether that

 $00:08:30.590 \longrightarrow 00:08:33.509$ is depression or anxiety or

NOTE Confidence: 0.72773496375

 $00:08:33.509 \longrightarrow 00:08:35.820$ other symptoms that it could come

NOTE Confidence: 0.72773496375

 $00:08:35.820 \longrightarrow 00:08:38.702$ with it leading to it now

NOTE Confidence: 0.72773496375

 $00:08:38.702 \longrightarrow 00:08:40.681$ interfering with their ability

NOTE Confidence: 0.72773496375

 $00:08:40.681 \longrightarrow 00:08:43.165$ either to have quality of life,

NOTE Confidence: 0.72773496375

 $00:08:43.170 \longrightarrow 00:08:44.052$ to attend appointments,

NOTE Confidence: 0.72773496375

 $00:08:44.052 \longrightarrow 00:08:46.515$ to go about their daily life to the

NOTE Confidence: 0.72773496375

 $00:08:46.515 \longrightarrow 00:08:48.275$ point where it's actually interfering

NOTE Confidence: 0.72773496375

 $00:08:48.275 \longrightarrow 00:08:50.193$ with their ability to function

NOTE Confidence: 0.72773496375

 $00:08:50.193 \longrightarrow 00:08:51.985$ as they had been from a

NOTE Confidence: 0.72773496375

 $00:08:51.990 \longrightarrow 00:08:53.124$ mental health standpoint.

NOTE Confidence: 0.72773496375

 $00:08:53.124 \longrightarrow 00:08:55.770$ Of course there's going to be physical

NOTE Confidence: 0.72773496375

 $00{:}08{:}55.832 \dashrightarrow 00{:}08{:}58.226$ effects from the cancer or cancer treatments

NOTE Confidence: 0.72773496375

 $00:08:58.226 \longrightarrow 00:09:00.620$ that are also weighing in there but

NOTE Confidence: 0.72773496375

 $00:09:00.620 \longrightarrow 00:09:02.414$ focusing more on the

 $00:09:02.414 \longrightarrow 00:09:03.949$ impact that their mental health

NOTE Confidence: 0.72773496375

 $00:09:03.949 \longrightarrow 00:09:05.874$ is at that point having on them.

NOTE Confidence: 0.72773496375

 $00:09:05.880 \longrightarrow 00:09:09.289$ Now there are also different types of

NOTE Confidence: 0.72773496375

 $00:09:09.289 \longrightarrow 00:09:13.013$ cancers that can lead to changes in

NOTE Confidence: 0.72773496375

 $00:09:13.013 \longrightarrow 00:09:16.900$ the more neuronal you know serotonergic,

NOTE Confidence: 0.72773496375

 $00:09:16.900 \longrightarrow 00:09:18.972$ hormonal impacts as well.

NOTE Confidence: 0.72773496375

 $00:09:18.972 \longrightarrow 00:09:22.080$ So that can actually cause

NOTE Confidence: 0.753276909166666

 $00:09:22.175 \longrightarrow 00:09:23.920$ an organic change in the body

NOTE Confidence: 0.753276909166666

 $00:09:23.920 \longrightarrow 00:09:25.020$ that would lead to this.

NOTE Confidence: 0.753276909166666

 $00:09:25.020 \longrightarrow 00:09:26.850$ So not just necessarily their

NOTE Confidence: 0.753276909166666

 $00{:}09{:}26.850 \dashrightarrow 00{:}09{:}29.124$ adjustment to it but rather

NOTE Confidence: 0.753276909166666

 $00:09:29.124 \longrightarrow 00:09:30.979$ something that is a direct

NOTE Confidence: 0.753276909166666

 $00:09:30.980 \longrightarrow 00:09:33.040$ result from having the cancer.

NOTE Confidence: 0.753276909166666

 $00{:}09{:}33.040 \dashrightarrow 00{:}09{:}34.207$ So for instance,

NOTE Confidence: 0.753276909166666

00:09:34.207 --> 00:09:36.541 obviously within a certain type of

NOTE Confidence: 0.753276909166666

 $00{:}09{:}36.541 \dashrightarrow 00{:}09{:}38.918$ brain tumor or neurologic tumors,

 $00:09:38.920 \longrightarrow 00:09:41.002$ there can be changes in personality

NOTE Confidence: 0.753276909166666

 $00:09:41.002 \longrightarrow 00:09:42.964$ leading to either depression or anger

NOTE Confidence: 0.753276909166666

 $00:09:42.964 \longrightarrow 00:09:44.784$ or anxiety that is actually from

NOTE Confidence: 0.753276909166666

 $00:09:44.784 \longrightarrow 00:09:46.506$ a physical change that has occurred

NOTE Confidence: 0.753276909166666

 $00:09:46.506 \longrightarrow 00:09:48.966$ in the body due to the cancer.

NOTE Confidence: 0.753276909166666

 $00:09:48.966 \longrightarrow 00:09:52.104$ There can also be changes that

NOTE Confidence: 0.753276909166666

 $00:09:52.104 \longrightarrow 00:09:54.468$ occur due to treatments and so

NOTE Confidence: 0.753276909166666

 $00{:}09{:}54.468 \dashrightarrow 00{:}09{:}56.148$ for instance tamoxifen and some

NOTE Confidence: 0.753276909166666

 $00{:}09{:}56.148 \dashrightarrow 00{:}09{:}58.140$ of the aromatase inhibitors,

NOTE Confidence: 0.753276909166666

 $00{:}09{:}58.140 \dashrightarrow 00{:}10{:}00.415$ some of the treatments that we use

NOTE Confidence: 0.753276909166666

00:10:00.415 --> 00:10:02.648 for breast cancer are known to cause

NOTE Confidence: 0.753276909166666

 $00:10:02.650 \longrightarrow 00:10:04.245$ these changes within

NOTE Confidence: 0.753276909166666

 $00{:}10{:}04.245 \dashrightarrow 00{:}10{:}06.380$ women that can lead to anxiety,

NOTE Confidence: 0.753276909166666 00:10:06.380 --> 00:10:06.774 depression, NOTE Confidence: 0.753276909166666

 $00:10:06.774 \longrightarrow 00:10:07.562$ agitation, insomnia, are

 $00:10:07.562 \longrightarrow 00:10:10.630$ some of the symptoms we start to see.

 $00:10:11.626 \longrightarrow 00:10:13.618$ It's multifold in the sense

NOTE Confidence: 0.753276909166666

 $00:10:13.618 \longrightarrow 00:10:16.182$ that 35% includes people who

NOTE Confidence: 0.753276909166666

00:10:16.182 --> 00:10:18.522 have already had prior diagnosis,

NOTE Confidence: 0.753276909166666

00:10:18.530 --> 00:10:20.392 patients who are just having a hard

NOTE Confidence: 0.753276909166666

 $00{:}10{:}20.392 \dashrightarrow 00{:}10{:}21.822$ time adjusting to the diagnosis

NOTE Confidence: 0.753276909166666

00:10:21.822 --> 00:10:23.568 and then patients who have actually

NOTE Confidence: 0.753276909166666

 $00:10:23.568 \longrightarrow 00:10:25.264$ had some sort of physical change

NOTE Confidence: 0.753276909166666

00:10:25.264 --> 00:10:26.860 in their body whether that be

NOTE Confidence: 0.753276909166666

 $00:10:26.860 \longrightarrow 00:10:29.051$ due to the cancer itself or due

NOTE Confidence: 0.753276909166666

 $00:10:29.051 \longrightarrow 00:10:30.884$ to the treatments that

NOTE Confidence: 0.753276909166666

 $00:10:30.884 \longrightarrow 00:10:32.809$ lead to some of their symptoms.

 $00{:}10{:}34.000 \dashrightarrow 00{:}10{:}35.944$ And I would imagine that your

NOTE Confidence: 0.896327190909091

00:10:35.944 --> 00:10:38.375 approach in terms of treatment

NOTE Confidence: 0.896327190909091

 $00:10:38.375 \longrightarrow 00:10:41.280$ is different between all of those groups.

NOTE Confidence: 0.896327190909091

 $00:10:41.280 \longrightarrow 00:10:44.358$ So there may be differences in

NOTE Confidence: 0.896327190909091

 $00:10:44.358 \longrightarrow 00:10:47.060$ how you approach somebody who is

00:10:47.060 --> 00:10:49.300 struggling with mental health issues,

NOTE Confidence: 0.896327190909091

 $00:10:49.300 \longrightarrow 00:10:52.616$ who's has brain metastases,

NOTE Confidence: 0.896327190909091

00:10:52.616 --> 00:10:57.590 or an actual physiologic

NOTE Confidence: 0.896327190909091

 $00:10:57.590 \longrightarrow 00:11:00.820$ anatomic issue versus somebody who

NOTE Confidence: 0.896327190909091

00:11:00.820 --> 00:11:04.050 is just really struggling with

NOTE Confidence: 0.896327190909091

 $00:11:04.050 \longrightarrow 00:11:06.444$ the diagnosis and trying to

NOTE Confidence: 0.896327190909091

 $00:11:06.444 \longrightarrow 00:11:09.343$ come to terms with that and trying

NOTE Confidence: 0.896327190909091

 $00{:}11{:}09.343 \dashrightarrow 00{:}11{:}11.785$ to deal with the emotions that

NOTE Confidence: 0.896327190909091

 $00{:}11{:}11.785 \dashrightarrow 00{:}11{:}14.589$ come with the diagnosis of cancer.

NOTE Confidence: 0.896327190909091

00:11:14.590 --> 00:11:16.478 Can you talk a little bit

NOTE Confidence: 0.896327190909091

00:11:16.478 --> 00:11:18.616 about how your approach may be similar

NOTE Confidence: 0.896327190909091

 $00:11:18.616 \longrightarrow 00:11:20.226$ or different in

NOTE Confidence: 0.896327190909091

 $00:11:20.282 \longrightarrow 00:11:21.997$ different groups of patients?

NOTE Confidence: 0.662832782857143

 $00:11:22.130 \longrightarrow 00:11:23.106$ Absolutely. Yeah.

NOTE Confidence: 0.662832782857143

00:11:23.106 --> 00:11:25.546 You're absolutely correct there.

 $00:11:25.550 \longrightarrow 00:11:27.035$ There's different factors that come

NOTE Confidence: 0.662832782857143

 $00:11:27.035 \longrightarrow 00:11:28.860$ into play with each person right.

NOTE Confidence: 0.662832782857143

 $00:11:28.860 \longrightarrow 00:11:31.026$ So it's definitely not a

NOTE Confidence: 0.662832782857143

00:11:31.026 --> 00:11:32.466 cookie cutter experience that

NOTE Confidence: 0.662832782857143

 $00:11:32.466 \longrightarrow 00:11:34.256$ you know there's many different

NOTE Confidence: 0.662832782857143

 $00:11:34.260 \longrightarrow 00:11:36.787$ factors that lead to how a patient reacts and

NOTE Confidence: 0.662832782857143

00:11:36.790 --> 00:11:38.350 how we're going to approach treating

NOTE Confidence: 0.662832782857143

 $00{:}11{:}38.350 \dashrightarrow 00{:}11{:}40.348$ a patient and what sort of needs

NOTE Confidence: 0.662832782857143

 $00:11:40.348 \longrightarrow 00:11:41.982$ the patient may have and you touched

NOTE Confidence: 0.662832782857143

00:11:41.982 --> 00:11:43.980 on kind of one of the big things which

NOTE Confidence: 0.662832782857143

 $00{:}11{:}43.980 \dashrightarrow 00{:}11{:}47.298$ is obviously the type of cancer.

NOTE Confidence: 0.662832782857143

 $00:11:47.300 \longrightarrow 00:11:50.396$ The difference between having a brain

NOTE Confidence: 0.662832782857143

00:11:50.396 --> 00:11:53.130 tumor versus having lung cancer,

NOTE Confidence: 0.662832782857143

 $00:11:53.130 \longrightarrow 00:11:54.999$ and what that means for

NOTE Confidence: 0.662832782857143

00:11:54.999 --> 00:11:56.504 their presentation from a mental

NOTE Confidence: 0.662832782857143

00:11:56.504 --> 00:11:57.160 health perspective.

 $00:11:57.160 \longrightarrow 00:11:59.464$ But there's other factors that also

NOTE Confidence: 0.662832782857143

00:11:59.464 --> 00:12:01.923 play into that, some biological

NOTE Confidence: 0.662832782857143

 $00:12:01.923 \longrightarrow 00:12:04.485$ and some kind of situational.

NOTE Confidence: 0.662832782857143

 $00{:}12{:}04.490 \dashrightarrow 00{:}12{:}06.527$ So the biological ones could be

NOTE Confidence: 0.662832782857143

00:12:06.527 --> 00:12:08.477 you know family history of having

NOTE Confidence: 0.662832782857143

 $00:12:08.477 \longrightarrow 00:12:10.162$ a psychiatric illness before and

NOTE Confidence: 0.662832782857143

 $00:12:10.162 \longrightarrow 00:12:11.929$ how that might affect them.

NOTE Confidence: 0.662832782857143

 $00:12:11.930 \longrightarrow 00:12:13.622$ We use that sometimes when we're

NOTE Confidence: 0.662832782857143

 $00:12:13.622 \longrightarrow 00:12:15.458$ trying to select what type of

NOTE Confidence: 0.662832782857143

 $00{:}12{:}15.458 \dashrightarrow 00{:}12{:}17.186$ medications might be helpful.

 $00{:}12{:}18.058 \dashrightarrow 00{:}12{:}20.674$ If a family member had success

NOTE Confidence: 0.662832782857143

 $00:12:20.674 \longrightarrow 00:12:23.048$ on one type of medication,

NOTE Confidence: 0.662832782857143

 $00{:}12{:}23.050 \dashrightarrow 00{:}12{:}24.470$ there's research and data

NOTE Confidence: 0.662832782857143

 $00:12:24.470 \longrightarrow 00:12:26.404$ to show that there there may be

NOTE Confidence: 0.662832782857143

00:12:26.404 --> 00:12:27.986 a link to them having a benefit

NOTE Confidence: 0.662832782857143

 $00:12:27.986 \longrightarrow 00:12:29.538$ from that medication as well.

 $00:12:29.540 \longrightarrow 00:12:31.328$ So we might start with that

NOTE Confidence: 0.662832782857143

 $00{:}12{:}31.328 \dashrightarrow 00{:}12{:}32.926$ medication and those who have

NOTE Confidence: 0.662832782857143

00:12:32.926 --> 00:12:34.646 kind of prior psychiatric history

NOTE Confidence: 0.662832782857143

 $00:12:34.646 \longrightarrow 00:12:36.658$ or are predisposed to having

NOTE Confidence: 0.662832782857143

 $00:12:36.658 \longrightarrow 00:12:38.380$ worsening symptoms unfortunately.

NOTE Confidence: 0.662832782857143

 $00:12:38.380 \longrightarrow 00:12:40.508$ So we would treat those

NOTE Confidence: 0.662832782857143

00:12:40.508 --> 00:12:42.575 patients with that in mind as well and

NOTE Confidence: 0.662832782857143

 $00{:}12{:}42.575 \dashrightarrow 00{:}12{:}44.746$ then a huge part of it can also come

NOTE Confidence: 0.662832782857143

 $00:12:44.746 \longrightarrow 00:12:46.644$ with where they are in their life.

NOTE Confidence: 0.662832782857143

 $00:12:46.644 \longrightarrow 00:12:49.262$ What their age is and

NOTE Confidence: 0.662832782857143

 $00{:}12{:}49.262 \dashrightarrow 00{:}12{:}51.556$ what their functioning was

NOTE Confidence: 0.662832782857143

 $00{:}12{:}51.556 \dashrightarrow 00{:}12{:}54.484$ prior to having this diagnosis and

NOTE Confidence: 0.662832782857143

 $00{:}12{:}54.484 \dashrightarrow 00{:}12{:}57.328$ how that impacts them with their

NOTE Confidence: 0.662832782857143

 $00:12:57.330 \longrightarrow 00:12:59.794$ kind of mental state of either

NOTE Confidence: 0.662832782857143

 $00:12:59.794 \longrightarrow 00:13:01.285$ acceptance or difficulty with

 $00:13:01.285 \longrightarrow 00:13:03.110$ coping with the diagnosis.

NOTE Confidence: 0.662832782857143

 $00:13:03.110 \longrightarrow 00:13:05.210$ And some of that can also be

NOTE Confidence: 0.662832782857143

 $00:13:05.210 \longrightarrow 00:13:07.470$ what stage of cancer they're at.

NOTE Confidence: 0.662832782857143

 $00:13:07.470 \longrightarrow 00:13:10.150$ So if somebody who finds out that they

NOTE Confidence: 0.662832782857143

 $00:13:10.150 \longrightarrow 00:13:12.302$ have advanced cancer and is already

NOTE Confidence: 0.662832782857143

00:13:12.302 --> 00:13:14.426 you know stage four and treatment

NOTE Confidence: 0.662832782857143

00:13:14.496 --> 00:13:17.008 options are very limited or not at all,

NOTE Confidence: 0.66283278285714300:13:17.010 --> 00:13:18.906 will have a NOTE Confidence: 0.662832782857143

00:13:18.906 --> 00:13:20.170 much different

NOTE Confidence: 0.662832782857143

00:13:20.170 --> 00:13:22.410 impact of how we're going to treat

NOTE Confidence: 0.662832782857143

 $00{:}13{:}22.410 \dashrightarrow 00{:}13{:}23.987$ them versus somebody who's in

NOTE Confidence: 0.662832782857143

 $00:13:23.987 \longrightarrow 00:13:25.940$ earlier stages has a lot of options

NOTE Confidence: 0.662832782857143

 $00:13:25.940 \longrightarrow 00:13:27.847$ who are really looking to try

NOTE Confidence: 0.662832782857143

 $00:13:27.847 \longrightarrow 00:13:29.656$ the long haul of hopefully many,

NOTE Confidence: 0.662832782857143

 $00:13:29.656 \longrightarrow 00:13:31.924$ many years ahead of them versus

NOTE Confidence: 0.662832782857143

 $00:13:31.924 \longrightarrow 00:13:33.020$ acutely stabilizing them.

 $00:13:33.800 \longrightarrow 00:13:36.880$ It sounds like it's a very

NOTE Confidence: 0.901609356

 $00{:}13{:}36.880 \dashrightarrow 00{:}13{:}39.291$ complex field, psycho oncology and

NOTE Confidence: 0.901609356

 $00{:}13{:}39.291 \dashrightarrow 00{:}13{:}42.678$ one that we still need to unpack.

NOTE Confidence: 0.901609356

00:13:42.678 --> 00:13:44.946 So we're going to dive further into

NOTE Confidence: 0.901609356

 $00{:}13{:}44.946 \dashrightarrow 00{:}13{:}47.200$ this whole issue right after we take

NOTE Confidence: 0.901609356

 $00:13:47.200 \longrightarrow 00:13:49.590$ a short break for a medical minute.

NOTE Confidence: 0.901609356

00:13:49.590 --> 00:13:51.438 Please stay tuned to learn more

NOTE Confidence: 0.901609356

 $00:13:51.438 \longrightarrow 00:13:53.474$ about the benefits of Psycho Oncology

NOTE Confidence: 0.901609356

 $00:13:53.474 \longrightarrow 00:13:55.700$ with my guest Doctor Shannon Mazur.

NOTE Confidence: 0.82541092

 $00:13:56.090 \longrightarrow 00:13:58.304$ Funding for Yale Cancer Answers comes

NOTE Confidence: 0.82541092

 $00:13:58.304 \longrightarrow 00:14:00.219$ from Smilow Cancer Hospital where

NOTE Confidence: 0.82541092

 $00:14:00.219 \longrightarrow 00:14:02.119$ their cancer genetics and prevention

NOTE Confidence: 0.82541092

 $00{:}14{:}02.119 \dashrightarrow 00{:}14{:}04.100$ program includes a colon cancer

NOTE Confidence: 0.82541092

 $00:14:04.100 \longrightarrow 00:14:06.285$ Genetics and prevention program that

NOTE Confidence: 0.82541092

 $00:14:06.285 \longrightarrow 00:14:08.033$ provides comprehensive risk assessment,

 $00:14:08.040 \longrightarrow 00:14:10.740$ education, and screening.

NOTE Confidence: 0.82541092

 $00:14:10.740 \longrightarrow 00:14:13.780$ Smilowcancerhospital.org.

NOTE Confidence: 0.82541092

 $00:14:13.780 \longrightarrow 00:14:16.085$ Over 230,000 Americans will be

NOTE Confidence: 0.82541092

00:14:16.085 --> 00:14:18.840 diagnosed with lung cancer this year,

NOTE Confidence: 0.82541092

 $00:14:18.840 \longrightarrow 00:14:20.515$ and in Connecticut alone there

NOTE Confidence: 0.82541092

 $00:14:20.515 \longrightarrow 00:14:23.092$ will be over 2700 new cases.

NOTE Confidence: 0.82541092

 $00:14:23.092 \longrightarrow 00:14:25.772$ More than 85% of lung cancer

NOTE Confidence: 0.82541092

00:14:25.772 --> 00:14:27.812 diagnosis are related to smoking,

NOTE Confidence: 0.82541092

 $00:14:27.820 \longrightarrow 00:14:30.298$ and quitting even after decades of use,

NOTE Confidence: 0.82541092

00:14:30.300 --> 00:14:32.405 can significantly reduce your risk

NOTE Confidence: 0.82541092

 $00{:}14{:}32.405 \dashrightarrow 00{:}14{:}34.840$ of developing lung cancer each day.

NOTE Confidence: 0.82541092

 $00:14:34.840 \longrightarrow 00:14:37.156$ Patients with lung cancer are surviving

NOTE Confidence: 0.82541092

 $00{:}14{:}37.156 \dashrightarrow 00{:}14{:}39.601$ thanks to increased access to advanced

NOTE Confidence: 0.82541092

 $00{:}14{:}39.601 \dashrightarrow 00{:}14{:}41.277$ the rapies and specialized care.

NOTE Confidence: 0.82541092

 $00:14:41.280 \longrightarrow 00:14:42.648$ New treatment options and

NOTE Confidence: 0.82541092

 $00{:}14{:}42.648 \dashrightarrow 00{:}14{:}44.016$ surgical techniques are giving

00:14:44.020 --> 00:14:45.610 lung cancer survivors more hope

NOTE Confidence: 0.82541092

 $00{:}14{:}45.610 \dashrightarrow 00{:}14{:}47.670$ than they have ever had before.

NOTE Confidence: 0.82541092

00:14:47.670 --> 00:14:50.215 Clinical trials are currently underway

NOTE Confidence: 0.82541092

 $00:14:50.215 \longrightarrow 00:14:52.251$ at federally designated Comprehensive

NOTE Confidence: 0.82541092

 $00{:}14{:}52.251 \dashrightarrow 00{:}14{:}54.392$ cancer centers such as the battle

NOTE Confidence: 0.82541092

00:14:54.392 --> 00:14:56.645 two trial at Yale Cancer Center and

NOTE Confidence: 0.82541092

 $00:14:56.645 \longrightarrow 00:14:58.836$ Smilow Cancer Hospital to learn if a

NOTE Confidence: 0.82541092

 $00{:}14{:}58.836 \dashrightarrow 00{:}15{:}01.210$ drug or combination of drugs based

NOTE Confidence: 0.82541092

 $00:15:01.210 \longrightarrow 00:15:03.708$ on personal biomarkers can help to

NOTE Confidence: 0.82541092

00:15:03.708 --> 00:15:05.910 control non small cell lung cancer.

NOTE Confidence: 0.82541092

00:15:05.910 --> 00:15:08.294 More information is available

NOTE Confidence: 0.82541092

 $00:15:08.294 \longrightarrow 00:15:09.312$ at yalecancercenter.org.

NOTE Confidence: 0.82541092

00:15:09.312 --> 00:15:11.844 You're listening to Connecticut public radio.

NOTE Confidence: 0.811444743333333

 $00:15:12.890 \longrightarrow 00:15:14.906$ Welcome back to Yale Cancer Answers.

NOTE Confidence: 0.811444743333333

00:15:14.910 --> 00:15:16.940 This is Doctor Anees Chagpar and

00:15:16.940 --> 00:15:18.510 I'm joined tonight by my guest,

NOTE Confidence: 0.811444743333333

00:15:18.510 --> 00:15:19.770 Doctor Shannon Mazur.

NOTE Confidence: 0.811444743333333

 $00:15:19.770 \longrightarrow 00:15:22.290$ We're discussing the benefits of Psycho

NOTE Confidence: 0.811444743333333

00:15:22.290 --> 00:15:24.397 oncology and right before the break,

NOTE Confidence: 0.811444743333333

00:15:24.400 --> 00:15:26.650 Shannon had mentioned that about

NOTE Confidence: 0.811444743333333

 $00:15:26.650 \longrightarrow 00:15:28.948$ 35% of cancer survivors have some

NOTE Confidence: 0.811444743333333

00:15:28.948 --> 00:15:31.869 sort of a mental health diagnosis,

NOTE Confidence: 0.811444743333333

 $00:15:31.870 \longrightarrow 00:15:34.750$ whether that was a pre-existing diagnosis,

NOTE Confidence: 0.811444743333333

 $00:15:34.750 \longrightarrow 00:15:36.910$ whether that was, you know,

NOTE Confidence: 0.811444743333333

00:15:36.910 --> 00:15:39.720 adjustment disorder from just having

NOTE Confidence: 0.811444743333333

 $00{:}15{:}39.720 \dashrightarrow 00{:}15{:}42.850$ difficulty getting over the concept of

NOTE Confidence: 0.811444743333333

 $00:15:42.850 \longrightarrow 00:15:47.415$ cancer, or whether there is actually

NOTE Confidence: 0.811444743333333

 $00:15:47.415 \longrightarrow 00:15:49.587$ a functional anatomic impairment

NOTE Confidence: 0.811444743333333

 $00:15:49.587 \longrightarrow 00:15:52.893$ in patients with brain tumors or

NOTE Confidence: 0.811444743333333

 $00:15:52.893 \longrightarrow 00:15:55.568$ metastases or issues with treatment

NOTE Confidence: 0.811444743333333

 $00:15:55.654 \longrightarrow 00:15:57.959$ that could affect the brain.

00:15:57.960 --> 00:15:58.950 So Shannon,

NOTE Confidence: 0.811444743333333

 $00:15:58.950 \longrightarrow 00:16:01.425$ you had mentioned that Psycho

NOTE Confidence: 0.811444743333333

00:16:01.425 --> 00:16:03.769 Oncology is relatively new field,

NOTE Confidence: 0.811444743333333

 $00:16:03.770 \longrightarrow 00:16:06.260$ started in about the 1970s,

NOTE Confidence: 0.811444743333333

 $00{:}16{:}06.260 \dashrightarrow 00{:}16{:}08.660$ you know when I think about

NOTE Confidence: 0.811444743333333

 $00:16:08.660 \longrightarrow 00:16:10.970$ the number of people who are

NOTE Confidence: 0.811444743333333

00:16:10.970 --> 00:16:12.860 diagnosed with cancer every day,

NOTE Confidence: 0.811444743333333 00:16:12.860 --> 00:16:13.338 everywhere,

NOTE Confidence: 0.811444743333333

 $00:16:13.338 \longrightarrow 00:16:15.250$ all over the country,

NOTE Confidence: 0.811444743333333

 $00:16:15.250 \longrightarrow 00:16:17.044$ you can't help but imagine that

NOTE Confidence: 0.811444743333333

00:16:17.044 --> 00:16:18.673 many of those patients are

NOTE Confidence: 0.811444743333333

 $00:16:18.673 \longrightarrow 00:16:20.177$ struggling with the diagnosis,

NOTE Confidence: 0.811444743333333

 $00{:}16{:}20.180 \dashrightarrow 00{:}16{:}22.540$ and it may or may not actually reach

NOTE Confidence: 0.811444743333333

 $00:16:22.540 \longrightarrow 00:16:24.868$ the level of an adjustment disorder.

NOTE Confidence: 0.811444743333333

 $00:16:24.870 \longrightarrow 00:16:27.526$ But many of these patients may not be

 $00:16:27.526 \longrightarrow 00:16:30.388$ near a dedicated psycho oncologist.

NOTE Confidence: 0.811444743333333

 $00:16:30.390 \longrightarrow 00:16:33.228$ Are there things that

NOTE Confidence: 0.811444743333333

 $00:16:33.228 \longrightarrow 00:16:36.023$ you would advise patients or their

NOTE Confidence: 0.811444743333333

00:16:36.023 --> 00:16:38.872 family members to do in terms of

NOTE Confidence: 0.811444743333333

00:16:38.872 --> 00:16:41.439 helpful hints to try to get over

NOTE Confidence: 0.811444743333333

00:16:41.440 --> 00:16:44.030 the adjustment to that diagnosis?

NOTE Confidence: 0.853486552

 $00:16:44.740 \longrightarrow 00:16:46.833$ That's a great question and you know

NOTE Confidence: 0.853486552

 $00:16:46.833 \longrightarrow 00:16:48.547$ hopefully most places do at least

NOTE Confidence: 0.853486552

 $00:16:48.547 \longrightarrow 00:16:50.318$ have a connection to a social worker.

NOTE Confidence: 0.853486552

 $00:16:50.320 \longrightarrow 00:16:52.216$ So the first thing is I would say

NOTE Confidence: 0.853486552

00:16:52.216 --> 00:16:54.242 speak up because you're not

NOTE Confidence: 0.853486552

 $00:16:54.242 \longrightarrow 00:16:56.504$ alone and you're not the first person

NOTE Confidence: 0.853486552

 $00:16:56.504 \longrightarrow 00:16:58.279$ going through cancer treatments that

NOTE Confidence: 0.853486552

 $00:16:58.279 \longrightarrow 00:17:00.534$ have had these sort of reactions.

NOTE Confidence: 0.853486552

 $00:17:00.534 \longrightarrow 00:17:02.014$ It is very normal.

NOTE Confidence: 0.853486552

00:17:02.020 --> 00:17:04.340 And that's one thing I really try

 $00:17:04.340 \longrightarrow 00:17:06.733$ to express to anybody that I meet is

NOTE Confidence: 0.853486552

 $00{:}17{:}06.733 \mathrel{--}{>} 00{:}17{:}09.165$ that if you've never had this problem

NOTE Confidence: 0.853486552

 $00:17:09.165 \longrightarrow 00:17:11.565$ before doesn't mean that this diagnosis

NOTE Confidence: 0.853486552

00:17:11.570 --> 00:17:13.136 doesn't rocked your world

NOTE Confidence: 0.853486552

 $00{:}17{:}13.136 \dashrightarrow 00{:}17{:}15.670$ in a sense and so to speak up and

NOTE Confidence: 0.853486552

 $00:17:15.670 \longrightarrow 00:17:17.314$ to discuss that either with your

NOTE Confidence: 0.853486552

00:17:17.314 --> 00:17:19.204 oncologist or with your primary care

NOTE Confidence: 0.853486552

00:17:19.204 --> 00:17:21.430 provider or if you are able

NOTE Confidence: 0.853486552

 $00{:}17{:}21.430 \dashrightarrow 00{:}17{:}23.583$ to get connected with a social worker

NOTE Confidence: 0.853486552

 $00{:}17{:}23.583 \dashrightarrow 00{:}17{:}25.293$ because they can hopefully help

NOTE Confidence: 0.853486552

 $00{:}17{:}25.293 \dashrightarrow 00{:}17{:}27.398$ direct you to resources if needed.

NOTE Confidence: 0.853486552

 $00:17:27.400 \longrightarrow 00:17:30.010$ And we do kind of think of this

NOTE Confidence: 0.853486552

 $00{:}17{:}30.087 \dashrightarrow 00{:}17{:}32.415$ as in a pyramid in the sense that

NOTE Confidence: 0.853486552

 $00:17:32.420 \longrightarrow 00:17:34.604$ everybody's most likely going to have

NOTE Confidence: 0.853486552

 $00:17:34.604 \longrightarrow 00:17:37.037$ some reaction to the diagnosis and so

 $00:17:37.037 \longrightarrow 00:17:39.583$ that's kind of the large

NOTE Confidence: 0.853486552

 $00:17:39.583 \longrightarrow 00:17:42.166$ end of the pyramid and where everybody

NOTE Confidence: 0.853486552

00:17:42.170 --> 00:17:44.760 has this discussion with their

NOTE Confidence: 0.853486552

 $00:17:44.760 \longrightarrow 00:17:46.799$ oncology provider and is able

NOTE Confidence: 0.853486552

 $00:17:46.799 \longrightarrow 00:17:48.815$ to have some processing and we

NOTE Confidence: 0.853486552

 $00:17:48.884 \longrightarrow 00:17:50.995$ realize that as you move

NOTE Confidence: 0.853486552

00:17:50.995 --> 00:17:52.876 along there might be some that need

NOTE Confidence: 0.853486552

 $00:17:52.876 \longrightarrow 00:17:54.988$ to talk to a social workers and then

NOTE Confidence: 0.853486552

 $00{:}17{:}55.053 \dashrightarrow 00{:}17{:}57.225$ if that's not enough maybe getting

NOTE Confidence: 0.853486552

 $00:17:57.225 \longrightarrow 00:17:59.091$ connected to group therapies.

NOTE Confidence: 0.853486552

00:17:59.091 --> 00:18:01.968 Because of the pandemic there are many

NOTE Confidence: 0.853486552

 $00:18:01.968 \longrightarrow 00:18:04.117$ group the rapies that are out there

NOTE Confidence: 0.853486552

 $00:18:04.120 \longrightarrow 00:18:06.445$ either through your hospital system

NOTE Confidence: 0.853486552

00:18:06.445 --> 00:18:09.177 or oncology provider or kind of

NOTE Confidence: 0.853486552

00:18:09.177 --> 00:18:11.114 just in general people can join.

NOTE Confidence: 0.853486552

 $00:18:14.230 \longrightarrow 00:18:16.144$ Getting to the point of actually

00:18:16.144 --> 00:18:18.013 needing a psychologist or some type

NOTE Confidence: 0.853486552

 $00{:}18{:}18.013 \dashrightarrow 00{:}18{:}19.627$ of the rapist or counselor to be

NOTE Confidence: 0.853486552

 $00:18:19.627 \longrightarrow 00:18:21.389$ able to discuss their issues

NOTE Confidence: 0.853486552

 $00:18:21.389 \longrightarrow 00:18:23.383$ and then thinking kind of at the

NOTE Confidence: 0.853486552

 $00:18:23.383 \longrightarrow 00:18:25.084$ top of that pyramid would be getting

NOTE Confidence: 0.853486552

 $00:18:25.084 \longrightarrow 00:18:26.439$ actually to the psychiatrist.

NOTE Confidence: 0.853486552

00:18:26.440 --> 00:18:28.710 So somebody that would actually

NOTE Confidence: 0.853486552

 $00{:}18{:}28.710 \dashrightarrow 00{:}18{:}30.980$ need medication management to try

NOTE Confidence: 0.853486552

 $00:18:31.050 \longrightarrow 00:18:32.249$ to help with their

NOTE Confidence: 0.853486552

 $00:18:32.249 \longrightarrow 00:18:34.367$ symptoms that they're having.

NOTE Confidence: 0.853486552

 $00:18:34.370 \longrightarrow 00:18:38.267$ So the first is always just speak up,

NOTE Confidence: 0.853486552

 $00:18:38.270 \longrightarrow 00:18:39.658$ communicate whether that's just

NOTE Confidence: 0.853486552

 $00:18:39.658 \longrightarrow 00:18:41.740$ with your provider or with your

NOTE Confidence: 0.853486552

00:18:41.740 --> 00:18:43.930 family members because trying to

NOTE Confidence: 0.853486552

 $00:18:43.930 \longrightarrow 00:18:46.932$ go through this in isolation is

 $00:18:46.932 \longrightarrow 00:18:49.494$ difficult if not impossible and so

NOTE Confidence: 0.853486552

 $00{:}18{:}49.494 \dashrightarrow 00{:}18{:}52.177$ there are other resources available.

NOTE Confidence: 0.853486552

 $00{:}18{:}52.177 \dashrightarrow 00{:}18{:}54.379$ But then also realizing that there

NOTE Confidence: 0.853486552

 $00:18:54.379 \longrightarrow 00:18:57.057$ are ways to kind of work through this

NOTE Confidence: 0.853486552

 $00:18:57.057 \longrightarrow 00:18:59.568$ ladder if you will to get to

NOTE Confidence: 0.853486552

 $00:18:59.568 \longrightarrow 00:19:01.355$ the level of need or assistance

NOTE Confidence: 0.853486552

 $00:19:01.355 \longrightarrow 00:19:04.120$ that you actually need.

NOTE Confidence: 0.844344863684211

00:19:04.410 --> 00:19:07.245 Great points in terms of

NOTE Confidence: 0.844344863684211

 $00{:}19{:}07.245 \dashrightarrow 00{:}19{:}09.762$ actually speaking up because even if

NOTE Confidence: 0.844344863684211

00:19:09.762 --> 00:19:12.228 you can't access a psycho oncologist

NOTE Confidence: 0.844344863684211

00:19:12.230 --> 00:19:14.526 right from the get go you know having

NOTE Confidence: 0.844344863684211

00:19:14.526 --> 00:19:16.473 somebody to talk to your family

NOTE Confidence: 0.844344863684211

 $00:19:16.473 \longrightarrow 00:19:18.441$ doctor and nurse navigator or social

NOTE Confidence: 0.844344863684211

00:19:18.502 --> 00:19:21.228 work or somebody they can often help

NOTE Confidence: 0.844344863684211

 $00:19:21.228 \longrightarrow 00:19:24.679$ and or escalate as the case may be.

NOTE Confidence: 0.844344863684211

 $00:19:24.680 \longrightarrow 00:19:27.332$ Before the break you

00:19:27.332 --> 00:19:30.225 had mentioned kind of two aspects

NOTE Confidence: 0.844344863684211

00:19:30.225 --> 00:19:31.776 of Psycho Oncology.

NOTE Confidence: 0.844344863684211

00:19:31.780 --> 00:19:35.914 The first is how cancer affects behavior,

NOTE Confidence: 0.844344863684211

 $00:19:35.914 \longrightarrow 00:19:38.038$ it affects mental health and

NOTE Confidence: 0.844344863684211

 $00:19:38.038 \longrightarrow 00:19:40.558$ we've kind of dived into that a bit,

NOTE Confidence: 0.844344863684211

 $00:19:40.560 \longrightarrow 00:19:42.672$ but the other is

NOTE Confidence: 0.844344863684211

 $00:19:42.672 \longrightarrow 00:19:46.058$ how mental health

NOTE Confidence: 0.844344863684211

 $00:19:46.058 \longrightarrow 00:19:48.386$ can affect cancer.

NOTE Confidence: 0.844344863684211

 $00:19:48.390 \longrightarrow 00:19:50.658$ Can you talk a little bit more about that?

NOTE Confidence: 0.782776914444444

 $00:19:51.330 \longrightarrow 00:19:54.215$ Absolutely. So we know that

NOTE Confidence: 0.782776914444444

 $00:19:54.215 \longrightarrow 00:19:56.523$ within mental health

NOTE Confidence: 0.782776914444444

 $00:19:56.530 \longrightarrow 00:19:58.530$ that can lead to changes in our behavior,

NOTE Confidence: 0.782776914444444

 $00{:}19{:}58.530 \dashrightarrow 00{:}20{:}00.460$ changes in our social interactions,

NOTE Confidence: 0.782776914444444

 $00:20:00.460 \longrightarrow 00:20:04.864$ changes in the way we're able to

NOTE Confidence: 0.782776914444444

 $00:20:04.864 \longrightarrow 00:20:06.663$ kind of process and work through life.

 $00:20:06.670 \longrightarrow 00:20:09.930$ And so when somebody's in

NOTE Confidence: 0.782776914444444

 $00:20:09.930 \longrightarrow 00:20:11.622$ mental distress or mentally

NOTE Confidence: 0.782776914444444

00:20:11.622 --> 00:20:14.160 unwell that can impact their

NOTE Confidence: 0.782776914444444

 $00:20:14.238 \longrightarrow 00:20:16.608$ ability to follow through with items

NOTE Confidence: 0.782776914444444

 $00:20:16.608 \longrightarrow 00:20:19.479$ that are for their cancer treatment.

NOTE Confidence: 0.782776914444444

00:20:19.480 --> 00:20:21.856 So in other words if somebody is too

NOTE Confidence: 0.782776914444444

 $00:20:21.856 \longrightarrow 00:20:23.884$ anxious and and suffering from very

NOTE Confidence: 0.782776914444444

 $00:20:23.884 \longrightarrow 00:20:26.373$ severe anxiety and not able to

NOTE Confidence: 0.782776914444444

 $00:20:26.373 \longrightarrow 00:20:28.641$ make it to their appointments because

NOTE Confidence: 0.782776914444444

00:20:28.641 --> 00:20:30.924 they're too panicked at the thought of

NOTE Confidence: 0.782776914444444

 $00{:}20{:}30.924 \dashrightarrow 00{:}20{:}32.640$ going to the appointments or leaving

NOTE Confidence: 0.782776914444444

 $00:20:32.700 \longrightarrow 00:20:34.512$ their house and therefore

NOTE Confidence: 0.782776914444444

00:20:34.512 --> 00:20:36.607 they don't follow up with their

NOTE Confidence: 0.782776914444444

00:20:36.607 --> 00:20:38.263 treatments and they're not able

 $00{:}20{:}40.778 \dashrightarrow 00{:}20{:}43.109$ to get recommended treatments or show up for

NOTE Confidence: 0.782776914444444

 $00:20:43.110 \longrightarrow 00:20:45.450$ the radiation or whatnot,

 $00:20:45.450 \longrightarrow 00:20:48.306$ the same aspect could be with depression.

NOTE Confidence: 0.782776914444444

 $00:20:48.310 \longrightarrow 00:20:51.355$ If somebody is having such severe

NOTE Confidence: 0.782776914444444

00:20:51.355 --> 00:20:53.776 depression that they're not able to get

NOTE Confidence: 0.782776914444444

 $00:20:53.776 \longrightarrow 00:20:56.429$ out of bed to try to eat some food,

NOTE Confidence: 0.782776914444444

 $00:20:56.430 \longrightarrow 00:20:57.920$ to try to stay hydrated,

NOTE Confidence: 0.782776914444444

 $00:20:57.920 \longrightarrow 00:21:00.566$ to be able to you know,

NOTE Confidence: 0.782776914444444

 $00:21:00.570 \longrightarrow 00:21:01.920$ again go to their appointments,

NOTE Confidence: 0.782776914444444

00:21:01.920 --> 00:21:03.216 things like that,

NOTE Confidence: 0.782776914444444

 $00:21:03.216 \longrightarrow 00:21:06.240$ we find that those

NOTE Confidence: 0.782776914444444

00:21:06.337 --> 00:21:08.897 psychological factors then end up

NOTE Confidence: 0.782776914444444

 $00:21:08.897 \longrightarrow 00:21:12.610$ having an impact on your oncological

 $00:21:13.678 \longrightarrow 00:21:16.199$ prognosis if you're not able to take the medica-

tions,

NOTE Confidence: 0.782776914444444

 $00:21:16.200 \longrightarrow 00:21:17.950$ if you're not able to show up

NOTE Confidence: 0.782776914444444

 $00:21:17.950 \longrightarrow 00:21:18.700$ to the appointments,

NOTE Confidence: 0.782776914444444

 $00:21:18.700 \longrightarrow 00:21:20.704$ if you're not able to participate

NOTE Confidence: 0.782776914444444

00:21:20.704 --> 00:21:22.826 in care planning you're gonna

 $00:21:22.826 \longrightarrow 00:21:24.980$ have worse prognosis with your cancer

NOTE Confidence: 0.782776914444444

 $00:21:24.980 \longrightarrow 00:21:26.880$ and that is something

NOTE Confidence: 0.782776914444444

 $00:21:26.880 \longrightarrow 00:21:29.358$ that we know and we have been

NOTE Confidence: 0.782776914444444

 $00:21:29.358 \longrightarrow 00:21:32.550$ able to kind of study and see

NOTE Confidence: 0.782776914444444

 $00:21:32.649 \longrightarrow 00:21:35.529$ that there can be an increase

NOTE Confidence: 0.744590783333333

 $00:21:37.660 \longrightarrow 00:21:41.338$ in longer survival,

NOTE Confidence: 0.744590783333333

00:21:41.340 --> 00:21:44.780 better rates of compliance,

NOTE Confidence: 0.744590783333333

 $00:21:44.780 \longrightarrow 00:21:47.072$ better prognosis if we're able to

NOTE Confidence: 0.744590783333333

 $00{:}21{:}47.072 \dashrightarrow 00{:}21{:}49.710$ have a more steady mental health.

NOTE Confidence: 0.856062031

 $00:21:51.060 \longrightarrow 00:21:53.349$ And you mentioned and I think

NOTE Confidence: 0.856062031

 $00:21:53.349 \longrightarrow 00:21:55.899$ it seems to be common sense that

NOTE Confidence: 0.856062031

00:21:55.899 --> 00:21:58.131 there are patients who have a

NOTE Confidence: 0.856062031

 $00{:}21{:}58.209 \dashrightarrow 00{:}22{:}00.085$ pre-existing diagnosis of mental

NOTE Confidence: 0.856062031

 $00:22:00.085 \longrightarrow 00:22:03.540$ health issues who may also get cancer.

NOTE Confidence: 0.856062031

 $00:22:03.540 \longrightarrow 00:22:06.740$ What proportion of cancer patients

00:22:06.740 --> 00:22:11.110 already have a mental health diagnosis?

NOTE Confidence: 0.7891247952

 $00:22:11.870 \longrightarrow 00:22:13.622$ And so that's another one

NOTE Confidence: 0.7891247952

 $00:22:13.622 \longrightarrow 00:22:16.044$ of those that's kind of up for

NOTE Confidence: 0.7891247952

 $00:22:16.044 \longrightarrow 00:22:17.534$ debate depending upon which resource

NOTE Confidence: 0.7891247952

 $00:22:17.534 \longrightarrow 00:22:19.379$ and data you're looking at.

NOTE Confidence: 0.7891247952

 $00:22:19.380 \longrightarrow 00:22:23.444$ But we say that about 1/4 of

NOTE Confidence: 0.7891247952

 $00:22:23.444 \longrightarrow 00:22:26.180$ all patients in America will have a

NOTE Confidence: 0.7891247952

00:22:26.180 --> 00:22:28.440 mental health disorder at some point.

NOTE Confidence: 0.7891247952

 $00{:}22{:}28.440 --> 00{:}22{:}30.519$ And so if you want to think

NOTE Confidence: 0.7891247952

 $00:22:30.519 \longrightarrow 00:22:34.440$ of that within kind of that 35%

NOTE Confidence: 0.7891247952

 $00{:}22{:}34.440 \dashrightarrow 00{:}22{:}36.450$ it is a little

NOTE Confidence: 0.7891247952

00:22:36.511 --> 00:22:38.419 bit of a convoluted way to look at

NOTE Confidence: 0.7891247952

 $00:22:38.419 \longrightarrow 00:22:40.515$ it but I would say the

NOTE Confidence: 0.7891247952

 $00{:}22{:}40.515 \dashrightarrow 00{:}22{:}43.588$ majority of patients might have had

NOTE Confidence: 0.7891247952

00:22:43.588 --> 00:22:46.946 some history of either some mild anxiety

NOTE Confidence: 0.7891247952

 $00:22:46.946 \longrightarrow 00:22:50.499$ or depression and that gets

 $00:22:50.499 \longrightarrow 00:22:52.715$ exacerbated through the diagnosis.

NOTE Confidence: 0.7891247952

 $00:22:52.720 \longrightarrow 00:22:54.856$ But if they and unfortunately

NOTE Confidence: 0.7891247952

 $00:22:54.856 \longrightarrow 00:22:57.585$ we also have a lot of patients

NOTE Confidence: 0.7891247952

 $00:22:57.585 \longrightarrow 00:22:59.625$ who had undiagnosed

NOTE Confidence: 0.7891247952

 $00:22:59.630 \longrightarrow 00:23:01.105$ psychological problems that had been

NOTE Confidence: 0.7891247952

 $00:23:01.105 \longrightarrow 00:23:02.850$ there throughout their life as well.

NOTE Confidence: 0.7891247952

 $00:23:02.850 \longrightarrow 00:23:04.229$ So it's kind of hard to give

NOTE Confidence: 0.7891247952

 $00:23:04.229 \longrightarrow 00:23:05.190$ you a specific number.

NOTE Confidence: 0.7891247952

00:23:05.190 --> 00:23:07.745 But I would say,

NOTE Confidence: 0.7891247952

 $00{:}23{:}07.750 \dashrightarrow 00{:}23{:}09.766$ I personally in my clinic kind of

NOTE Confidence: 0.7891247952

 $00:23:09.766 \longrightarrow 00:23:12.204$ see half and half and I think

NOTE Confidence: 0.7891247952

 $00:23:12.204 \longrightarrow 00:23:14.071$ that might be somewhat standard

NOTE Confidence: 0.7891247952

 $00:23:14.071 \longrightarrow 00:23:16.598$ to kind of realize that you already

NOTE Confidence: 0.7891247952

 $00:23:16.598 \longrightarrow 00:23:18.770$ have about 1/4 of the population

NOTE Confidence: 0.7891247952

 $00:23:18.770 \longrightarrow 00:23:20.150$ that already has it.

 $00:23:20.150 \longrightarrow 00:23:22.649$ That there is no direct correlation to

NOTE Confidence: 0.7891247952

 $00{:}23{:}22.649 \longrightarrow 00{:}23{:}25.772$ saying that just because you had a

NOTE Confidence: 0.7891247952

 $00:23:25.772 \longrightarrow 00:23:27.356$ pre-existing mental health condition

NOTE Confidence: 0.7891247952

00:23:27.356 --> 00:23:29.709 that you were more susceptible to

NOTE Confidence: 0.7891247952

00:23:29.710 --> 00:23:31.490 having a cancer diagnosis,

NOTE Confidence: 0.86129828

 $00:23:31.720 \longrightarrow 00:23:33.880$ but certainly if you

NOTE Confidence: 0.86129828

 $00:23:33.880 \longrightarrow 00:23:35.917$ have a mental health diagnosis,

NOTE Confidence: 0.86129828

00:23:35.920 --> 00:23:41.739 say schizophrenia or a different disorder,

NOTE Confidence: 0.86129828

 $00{:}23{:}41.739 --> 00{:}23{:}43.176 \ \mathrm{bipolar}, \, \mathrm{et} \, \, \mathrm{cetera},$

NOTE Confidence: 0.86129828

00:23:43.176 --> 00:23:47.195 it may really affect you in terms of

NOTE Confidence: 0.86129828

 $00{:}23{:}47.195 \dashrightarrow 00{:}23{:}49.835$ getting through the cancer journey.

NOTE Confidence: 0.86129828

 $00:23:49.840 \longrightarrow 00:23:52.094$ I mean it's hard enough for

NOTE Confidence: 0.86129828

 $00:23:52.094 \longrightarrow 00:23:53.760$ people without that diagnosis,

NOTE Confidence: 0.86129828

 $00:23:53.760 \longrightarrow 00:23:56.238$ but then it just adds in an

NOTE Confidence: 0.86129828

 $00:23:56.238 \longrightarrow 00:23:58.320$ extra layer of complexity.

NOTE Confidence: 0.86129828

 $00{:}23{:}58.320 \dashrightarrow 00{:}23{:}59.727$ Can you talk a little bit more

00:23:59.730 --> 00:24:02.458 about that and how you may or may

NOTE Confidence: 0.86129828

 $00:24:02.458 \longrightarrow 00:24:04.657$ not interact with the patients

NOTE Confidence: 0.86129828

 $00:24:04.657 \longrightarrow 00:24:06.581$ already established healthcare team

NOTE Confidence: 0.86129828

00:24:06.581 --> 00:24:09.589 in terms of their mental health,

NOTE Confidence: 0.86129828

00:24:09.590 --> 00:24:11.309 their psychiatrists, etcetera.

NOTE Confidence: 0.832886386666667

00:24:11.940 --> 00:24:13.728 Yeah, one of the biggest problems

NOTE Confidence: 0.832886386666667

 $00:24:13.728 \longrightarrow 00:24:16.180$ is it comes with the

NOTE Confidence: 0.832886386666667

 $00:24:16.180 \longrightarrow 00:24:18.852$ follow up and being able to have them

NOTE Confidence: 0.832886386666667

 $00:24:18.852 \longrightarrow 00:24:20.484$ connected to consistent treatments

NOTE Confidence: 0.832886386666667

 $00:24:20.484 \longrightarrow 00:24:22.886$ because if they're not established

NOTE Confidence: 0.832886386666667

 $00:24:22.886 \longrightarrow 00:24:26.090$ within a kind of a stabilized on

NOTE Confidence: 0.832886386666667

 $00:24:26.090 \longrightarrow 00:24:28.444$ medications or with a stable living

NOTE Confidence: 0.832886386666667

 $00:24:28.444 \longrightarrow 00:24:30.277$ environment then unfortunately,

NOTE Confidence: 0.832886386666667

 $00:24:30.280 \longrightarrow 00:24:32.620$ once they're discharged to have

NOTE Confidence: 0.832886386666667

 $00:24:32.620 \longrightarrow 00:24:34.978$ follow up for for their therapies

 $00:24:34.978 \longrightarrow 00:24:36.874$ and treatments it's very hard

NOTE Confidence: 0.832886386666667

 $00:24:36.874 \longrightarrow 00:24:38.808$ to have them kind of come back.

NOTE Confidence: 0.832886386666667

 $00:24:38.810 \longrightarrow 00:24:41.890$ So we do see a significant number of

NOTE Confidence: 0.832886386666667

 $00:24:41.890 \longrightarrow 00:24:44.709$ patients with what we would consider

NOTE Confidence: 0.832886386666667

 $00:24:44.709 \longrightarrow 00:24:47.466$ serious mental health issues as you're

NOTE Confidence: 0.832886386666667

00:24:47.466 --> 00:24:49.824 mentioning the schizophrenia kind of this,

NOTE Confidence: 0.832886386666667

 $00:24:49.830 \longrightarrow 00:24:52.581$ the psychotic spectrum having a much harder

NOTE Confidence: 0.832886386666667

 $00:24:52.581 \longrightarrow 00:24:55.828$ time with the follow up and the close care.

NOTE Confidence: 0.832886386666667

 $00:24:55.830 \longrightarrow 00:24:58.330$ And so there are efforts that are put in to

NOTE Confidence: 0.832886386666667

00:24:58.391 --> 00:25:01.007 try to help stabilize, making sure that

NOTE Confidence: 0.832886386666667

 $00{:}25{:}01.010 \longrightarrow 00{:}25{:}03.586$ rides are set up ahead of time

NOTE Confidence: 0.832886386666667

 $00:25:03.586 \longrightarrow 00:25:06.421$ trying to get them into a stable

NOTE Confidence: 0.832886386666667

00:25:06.421 --> 00:25:09.349 living situation if they are

NOTE Confidence: 0.832886386666667

00:25:09.349 --> 00:25:12.624 unhoused or if they're not already

NOTE Confidence: 0.832886386666667

 $00:25:12.624 \longrightarrow 00:25:15.840$ connected to a psychiatrist or an

NOTE Confidence: 0.832886386666667

 $00{:}25{:}15.942 \dashrightarrow 00{:}25{:}17.448$ outpatient treatment facility.

00:25:17.448 --> 00:25:20.132 Making sure that we can try to get them

NOTE Confidence: 0.832886386666667

 $00:25:20.132 \longrightarrow 00:25:21.880$ stabilized on psychiatric medications.

NOTE Confidence: 0.832886386666667

 $00:25:21.880 \longrightarrow 00:25:24.127$ Because we find that if we're

NOTE Confidence: 0.832886386666667

00:25:24.127 --> 00:25:26.545 able to get some of their symptoms,

NOTE Confidence: 0.832886386666667

00:25:26.545 --> 00:25:27.820 mental health symptoms,

NOTE Confidence: 0.832886386666667

 $00:25:27.820 \longrightarrow 00:25:29.095$ better under control,

NOTE Confidence: 0.832886386666667

 $00:25:29.100 \longrightarrow 00:25:30.375$ then they will have better

NOTE Confidence: 0.832886386666667

00:25:30.375 --> 00:25:31.140 outcomes with their

NOTE Confidence: 0.832886386666667

 $00:25:31.140 \longrightarrow 00:25:32.988$ cancer treatments and have better

NOTE Confidence: 0.832886386666667

 $00{:}25{:}32.988 \dashrightarrow 00{:}25{:}35.127$ follow through and so looking at

NOTE Confidence: 0.832886386666667

 $00:25:35.127 \longrightarrow 00:25:37.101$ what's the best medication

NOTE Confidence: 0.832886386666667

00:25:37.159 --> 00:25:39.184 regimen for them to make it so that

NOTE Confidence: 0.832886386666667

 $00{:}25{:}39.184 \dashrightarrow 00{:}25{:}41.240$ they will remain on their medications

NOTE Confidence: 0.832886386666667

 $00:25:41.240 \longrightarrow 00:25:43.849$ and try to have follow up.

00:25:47.290 --> 00:25:50.728 It can make their cancer treatment

NOTE Confidence: 0.832886386666667

 $00{:}25{:}50.730 \dashrightarrow 00{:}25{:}52.308$ difficult in the sense of making

 $00:25:52.308 \longrightarrow 00:25:53.979$ sure that follow up is probably

NOTE Confidence: 0.832886386666667

 $00:25:53.979 \longrightarrow 00:25:55.389$ one of the biggest factors.

NOTE Confidence: 0.832886386666667

 $00:25:55.390 \longrightarrow 00:25:57.934$ But we do use that kind of

NOTE Confidence: 0.832886386666667

00:25:57.934 --> 00:25:59.320 collaborative care approach to

NOTE Confidence: 0.832886386666667

 $00:25:59.320 \longrightarrow 00:26:01.360$ really get as many people

NOTE Confidence: 0.832886386666667

 $00:26:01.360 \longrightarrow 00:26:02.299$ involved as possible.

NOTE Confidence: 0.832886386666667

 $00:26:02.299 \longrightarrow 00:26:04.177$ When we think of the collaborative

NOTE Confidence: 0.832886386666667

 $00:26:04.177 \longrightarrow 00:26:06.190$ care approach within Psycho Oncology,

NOTE Confidence: 0.832886386666667

 $00{:}26{:}06.190 \dashrightarrow 00{:}26{:}07.947$ really kind of getting social work involved.

NOTE Confidence: 0.832886386666667

 $00:26:07.950 \longrightarrow 00:26:10.035$ The psychologist involved,

NOTE Confidence: 0.832886386666667

00:26:10.035 --> 00:26:12.266 the advanced practice providers,

NOTE Confidence: 0.832886386666667

 $00:26:12.266 \longrightarrow 00:26:14.826$ having the direct

NOTE Confidence: 0.832886386666667

 $00{:}26{:}14.826 \to 00{:}26{:}17.189$ communication with the oncology team,

NOTE Confidence: 0.832886386666667

00:26:17.190 --> 00:26:18.086 streamlining communication,

NOTE Confidence: 0.832886386666667

 $00:26:18.086 \longrightarrow 00:26:20.774$ simplifying for the patient as much

 $00:26:20.774 \longrightarrow 00:26:23.113$ as possible and trying to get

NOTE Confidence: 0.832886386666667

 $00:26:23.113 \longrightarrow 00:26:25.536$ wrap around care for the patients who

NOTE Confidence: 0.832886386666667

00:26:25.536 --> 00:26:28.066 unfortunately sometimes come in unhoused,

NOTE Confidence: 0.832886386666667 00:26:28.070 --> 00:26:28.462 uninsured, NOTE Confidence: 0.832886386666667

 $00:26:28.462 \longrightarrow 00:26:30.030$ not having financial resources

NOTE Confidence: 0.832886386666667

 $00:26:30.030 \longrightarrow 00:26:32.728$ and seeing what we can do to help.

NOTE Confidence: 0.832886386666667

 $00:26:32.730 \longrightarrow 00:26:34.440$ To help that patient population.

NOTE Confidence: 0.926012310526316

00:26:35.860 --> 00:26:38.410 You know, the other question that

NOTE Confidence: 0.926012310526316

 $00:26:38.410 \longrightarrow 00:26:42.285$ comes up is there's a lot of

NOTE Confidence: 0.926012310526316

 $00:26:42.285 \longrightarrow 00:26:44.885$ stigma around mental health diagnosis.

NOTE Confidence: 0.926012310526316

 $00:26:44.890 \longrightarrow 00:26:48.580$ And, I wonder whether

NOTE Confidence: 0.926012310526316

 $00{:}26{:}48.580 \dashrightarrow 00{:}26{:}52.444$ you get pushback from patients and

NOTE Confidence: 0.926012310526316

00:26:52.444 --> 00:26:55.699 their families saying, you know

NOTE Confidence: 0.926012310526316

 $00{:}26{:}55.699 \dashrightarrow 00{:}26{:}58.897$ I really don't need a psychiatrist.

NOTE Confidence: 0.926012310526316

00:26:58.900 --> 00:27:01.400 I'm not crazy. I'm just,

NOTE Confidence: 0.926012310526316

00:27:01.400 --> 00:27:03.560 you know, I have cancer.

 $00:27:03.560 \longrightarrow 00:27:08.368$ And how does the stigma of a mental

NOTE Confidence: 0.926012310526316

 $00:27:08.368 \longrightarrow 00:27:10.800$ health diagnosis affect patients

NOTE Confidence: 0.926012310526316

 $00:27:10.800 \longrightarrow 00:27:12.900$ who are going through cancer,

NOTE Confidence: 0.926012310526316

 $00:27:12.900 \longrightarrow 00:27:15.670$ patients who may need psycho

NOTE Confidence: 0.926012310526316

 $00:27:15.670 \longrightarrow 00:27:16.778$ oncology services

NOTE Confidence: 0.926012310526316

 $00:27:19.920 \longrightarrow 00:27:22.500$ and their reentry or continued existence

NOTE Confidence: 0.926012310526316

 $00:27:22.500 \longrightarrow 00:27:25.392$ in society with the stigma

NOTE Confidence: 0.926012310526316

00:27:25.392 --> 00:27:27.336 that sometimes is associated

NOTE Confidence: 0.926012310526316

 $00{:}27{:}27.336 \dashrightarrow 00{:}27{:}29.750$ with mental health diagnosis.

NOTE Confidence: 0.81509543

 $00{:}27{:}30.420 \dashrightarrow 00{:}27{:}34.320$ Yeah, unfortunately that is very true.

NOTE Confidence: 0.81509543

 $00{:}27{:}34.320 \dashrightarrow 00{:}27{:}36.856$ We see it time and time again and

NOTE Confidence: 0.81509543

 $00{:}27{:}36.856 \dashrightarrow 00{:}27{:}39.082$ and that stigma is still there

NOTE Confidence: 0.81509543

 $00{:}27{:}39.082 \dashrightarrow 00{:}27{:}41.080$ and I think we're making some

NOTE Confidence: 0.81509543

 $00:27:41.080 \longrightarrow 00:27:42.376$ great strides within society.

NOTE Confidence: 0.81509543

 $00:27:42.380 \longrightarrow 00:27:45.648$ But it absolutely comes up time and

00:27:45.648 --> 00:27:48.476 time again and I think the biggest

NOTE Confidence: 0.81509543

 $00{:}27{:}48.476 \longrightarrow 00{:}27{:}50.828$ impact it has is delayed care.

NOTE Confidence: 0.81509543

 $00:27:50.830 \longrightarrow 00:27:53.044$ Patients will kind of fight or

NOTE Confidence: 0.81509543

 $00:27:53.044 \longrightarrow 00:27:55.819$ put off being connected to a

NOTE Confidence: 0.81509543

 $00:27:55.819 \longrightarrow 00:27:57.049$ psychiatrist or psychologist until

 $00:27:58.238 \longrightarrow 00:28:00.631$ there's a point where

NOTE Confidence: 0.81509543

 $00:28:00.631 \longrightarrow 00:28:02.058$ intervening where somebody has

NOTE Confidence: 0.81509543

 $00:28:02.058 \longrightarrow 00:28:03.834$ to intervene and that may

NOTE Confidence: 0.81509543

 $00{:}28{:}03.834 \dashrightarrow 00{:}28{:}05.639$ come when they're hospitalized.

NOTE Confidence: 0.81509543

 $00:28:05.640 \longrightarrow 00:28:07.440$ I do get connected to patients

NOTE Confidence: 0.81509543

 $00:28:07.440 \longrightarrow 00:28:09.021$ frequently when they're in the

NOTE Confidence: 0.81509543

 $00{:}28{:}09.021 \dashrightarrow 00{:}28{:}10.325$ hospital because the distress

NOTE Confidence: 0.81509543

 $00{:}28{:}10.325 \longrightarrow 00{:}28{:}12.284$ becomes kind of paramount to them

NOTE Confidence: 0.81509543

 $00{:}28{:}12.284 \dashrightarrow 00{:}28{:}13.904$ needing to get connected to me.

NOTE Confidence: 0.81509543

 $00:28:13.910 \longrightarrow 00:28:16.196$ But I think the biggest problem

NOTE Confidence: 0.81509543

 $00:28:16.196 \longrightarrow 00:28:18.672$ is there are ways to help and

00:28:18.672 --> 00:28:20.530 it's not speaking

NOTE Confidence: 0.81509543

 $00{:}28{:}20.530 \to 00{:}28{:}22.980$ up or not accepting that care delays

NOTE Confidence: 0.81509543

 $00:28:22.980 \longrightarrow 00:28:25.057$ that and many of the medications

NOTE Confidence: 0.81509543

 $00:28:25.057 \longrightarrow 00:28:27.380$ do take several weeks to take

NOTE Confidence: 0.81509543

 $00:28:27.380 \longrightarrow 00:28:29.473$ effect and so just kind of continues

NOTE Confidence: 0.81509543

 $00:28:29.473 \longrightarrow 00:28:31.095$ to push off getting the care

NOTE Confidence: 0.81509543

 $00:28:31.095 \longrightarrow 00:28:32.720$ that could be helpful for them.

NOTE Confidence: 0.907244616666667

00:28:33.460 --> 00:28:35.355 Doctor Shannon Mazur is an

NOTE Confidence: 0.907244616666667

 $00{:}28{:}35.355 \dashrightarrow 00{:}28{:}36.871$ assistant professor of psychiatry

NOTE Confidence: 0.907244616666667

00:28:36.871 --> 00:28:38.999 at the Yale School of Medicine.

NOTE Confidence: 0.907244616666667

00:28:39.000 --> 00:28:41.068 If you have questions,

NOTE Confidence: 0.907244616666667

00:28:41.068 --> 00:28:43.086 the address is canceranswers@yale.edu,

NOTE Confidence: 0.907244616666667

 $00:28:43.086 \longrightarrow 00:28:45.882$ and past editions of the program

NOTE Confidence: 0.907244616666667

 $00:28:45.882 \longrightarrow 00:28:48.309$ are available in audio and written

NOTE Confidence: 0.907244616666667

 $00:28:48.309 \longrightarrow 00:28:49.251$ form at yalecancercenter.org.

NOTE Confidence: 0.907244616666667

 $00{:}28{:}49.251 \dashrightarrow 00{:}28{:}51.659$ We hope you'll join us next week to

 $00:28:51.659 \longrightarrow 00:28:53.500$ learn more about the fight against

NOTE Confidence: 0.907244616666667

 $00{:}28{:}53.500 \dashrightarrow 00{:}28{:}55.320$ cancer here on Connecticut Public Radio.

NOTE Confidence: 0.907244616666667

 $00{:}28{:}55.320 \dashrightarrow 00{:}28{:}57.726$ Funding for Yale Cancer Answers is

NOTE Confidence: 0.907244616666667

 $00{:}28{:}57.726 \dashrightarrow 00{:}29{:}00.000$ provided by Smilow Cancer Hospital.