

WEBVTT

NOTE duration:"00:02:01.7920000"

NOTE recognizability:0.921

NOTE language:en-us

NOTE Confidence: 0.920948

00:00:00.000 --> 00:00:02.718 My name is Doctor Kristin Knowlton.

NOTE Confidence: 0.920948

00:00:02.720 --> 00:00:05.144 I'm an associate professor of clinical

NOTE Confidence: 0.920948

00:00:05.144 --> 00:00:07.210 therapeutic radiology and I treat

NOTE Confidence: 0.920948

00:00:07.210 --> 00:00:09.520 cancers essentially in the chest area.

NOTE Confidence: 0.920948

00:00:09.520 --> 00:00:11.752 Why primary specialty is breast followed

NOTE Confidence: 0.920948

00:00:11.752 --> 00:00:15.077 by lung and I also treat GI cancers

NOTE Confidence: 0.920948

00:00:15.077 --> 00:00:17.282 watching my father's satisfaction with

NOTE Confidence: 0.920948

00:00:17.282 --> 00:00:19.656 his career and the warm relationships

NOTE Confidence: 0.920948

00:00:19.656 --> 00:00:22.744 that he had with his patients over his

NOTE Confidence: 0.920948

00:00:22.744 --> 00:00:25.600 many decade career inspired me to go

NOTE Confidence: 0.920948

00:00:25.685 --> 00:00:28.589 into medicine and I wasn't sure that I

NOTE Confidence: 0.920948

00:00:28.589 --> 00:00:31.439 wanted to go into radiation oncology.

NOTE Confidence: 0.920948

00:00:31.440 --> 00:00:34.680 I went to medical school with an open mind.

NOTE Confidence: 0.920948

00:00:34.680 --> 00:00:37.200 My first area of interest was geriatrics,  
NOTE Confidence: 0.920948

00:00:37.200 --> 00:00:39.000 but overtime that evolved into  
NOTE Confidence: 0.920948

00:00:39.000 --> 00:00:40.440 an interest in oncology,  
NOTE Confidence: 0.920948

00:00:40.440 --> 00:00:42.600 but I was unsure between medical  
NOTE Confidence: 0.920948

00:00:42.600 --> 00:00:44.040 oncology or radiation oncology,  
NOTE Confidence: 0.920948

00:00:44.040 --> 00:00:46.656 so I started taking electives in both fields  
NOTE Confidence: 0.920948

00:00:46.656 --> 00:00:49.796 and I fell in love with radiation oncology.  
NOTE Confidence: 0.920948

00:00:49.800 --> 00:00:51.183 During our visit,  
NOTE Confidence: 0.920948

00:00:51.183 --> 00:00:54.410 I like to start out by reviewing.  
NOTE Confidence: 0.920948

00:00:54.410 --> 00:00:56.090 What's happened since your diagnosis?  
NOTE Confidence: 0.920948

00:00:56.090 --> 00:00:58.435 What are the steps that have happened?  
NOTE Confidence: 0.920948

00:00:58.440 --> 00:01:00.456 While I may already know them,  
NOTE Confidence: 0.920948

00:01:00.460 --> 00:01:03.252 I'd like to confirm that I haven't missed  
NOTE Confidence: 0.920948

00:01:03.252 --> 00:01:05.830 anything and that we're on the same page.  
NOTE Confidence: 0.920948

00:01:05.830 --> 00:01:07.846 I'll do a thorough physical exam,  
NOTE Confidence: 0.920948

00:01:07.850 --> 00:01:08.482 of course.

NOTE Confidence: 0.920948

00:01:08.482 --> 00:01:10.378 Answer any questions that you may

NOTE Confidence: 0.920948

00:01:10.378 --> 00:01:12.474 have and work together with you

NOTE Confidence: 0.920948

00:01:12.474 --> 00:01:14.229 to develop the treatment plan.

NOTE Confidence: 0.920948

00:01:14.230 --> 00:01:16.566 And I always like the patients to leave

NOTE Confidence: 0.920948

00:01:16.566 --> 00:01:18.937 with a written out treatment plan,

NOTE Confidence: 0.920948

00:01:18.940 --> 00:01:20.921 or at least saying what the next

NOTE Confidence: 0.920948

00:01:20.921 --> 00:01:23.542 steps are so that the patient really

NOTE Confidence: 0.920948

00:01:23.542 --> 00:01:25.672 understands where we're heading next.

NOTE Confidence: 0.920948

00:01:25.680 --> 00:01:28.095 What has really evolved during my ten

NOTE Confidence: 0.920948

00:01:28.095 --> 00:01:31.309 years here at Yale is our ability to

NOTE Confidence: 0.920948

00:01:31.309 --> 00:01:32.993 provide highly focused radiation.

NOTE Confidence: 0.920948

00:01:33.000 --> 00:01:34.920 It's called stereotactic radiation therapy,

NOTE Confidence: 0.920948

00:01:34.920 --> 00:01:38.034 and we can give a very high dose of

NOTE Confidence: 0.920948

00:01:38.034 --> 00:01:40.577 radiation in just a few fractions

NOTE Confidence: 0.920948

00:01:40.577 --> 00:01:41.846 for select patients.

NOTE Confidence: 0.920948

00:01:41.850 --> 00:01:44.545 And it is pretty amazing how we've

NOTE Confidence: 0.920948

00:01:44.545 --> 00:01:45.315 that technique.

NOTE Confidence: 0.920948

00:01:45.320 --> 00:01:47.819 Can has a very high success rate

NOTE Confidence: 0.920948

00:01:47.819 --> 00:01:49.811 for the appropriate patient to

NOTE Confidence: 0.920948

00:01:49.811 --> 00:01:51.086 eradicate the tumor,

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00:01:51.090 --> 00:01:54.560 and we often see minimal to no side effects.