

WEBVTT

NOTE duration: "01:00:21.162"

NOTE Confidence: 0.99335945

00:00:00.719 --> 00:00:01.839 I'll go ahead and get

NOTE Confidence: 0.99335945

00:00:01.839 --> 00:00:02.500 us started.

NOTE Confidence: 0.8974304

00:00:03.360 --> 00:00:05.040 Good evening and welcome to

NOTE Confidence: 0.8974304

00:00:05.040 --> 00:00:07.540 Smilo Shares with Primary Care.

NOTE Confidence: 0.9905892

00:00:08.000 --> 00:00:09.840 Smilo Shares with Primary Care

NOTE Confidence: 0.9905892

00:00:09.840 --> 00:00:10.740 is a collaborative

NOTE Confidence: 0.9781203

00:00:11.759 --> 00:00:14.160 lecture series between, our primary

NOTE Confidence: 0.9781203

00:00:14.160 --> 00:00:15.940 care clinicians here at Yale

NOTE Confidence: 0.8777065

00:00:16.295 --> 00:00:18.235 and our SMILO Cancer Care

NOTE Confidence: 0.7974426

00:00:18.614 --> 00:00:19.114 Specialists.

NOTE Confidence: 0.9287624

00:00:19.655 --> 00:00:21.335 I'm Karen Brown, a primary

NOTE Confidence: 0.9287624

00:00:21.335 --> 00:00:22.155 care internist,

NOTE Confidence: 0.97914624

00:00:22.855 --> 00:00:24.135 and I will host this

NOTE Confidence: 0.97914624

00:00:24.135 --> 00:00:25.335 evening's talk with the help

NOTE Confidence: 0.97914624

00:00:25.335 --> 00:00:26.475 of Tracy Battaglia.  
NOTE Confidence: 0.9982753

00:00:27.575 --> 00:00:29.035 This series highlights  
NOTE Confidence: 0.98520154

00:00:29.500 --> 00:00:31.580 the primary care perspective in  
NOTE Confidence: 0.98520154

00:00:31.580 --> 00:00:32.560 cancer care.  
NOTE Confidence: 0.9929528

00:00:32.940 --> 00:00:34.780 Our primary care perspective is  
NOTE Confidence: 0.9929528

00:00:34.780 --> 00:00:35.280 different.  
NOTE Confidence: 0.9835997

00:00:35.739 --> 00:00:37.659 We're constantly providing advice to  
NOTE Confidence: 0.9835997

00:00:37.659 --> 00:00:39.820 prevent cancer, testing to screen  
NOTE Confidence: 0.9835997

00:00:39.820 --> 00:00:40.559 for cancer,  
NOTE Confidence: 0.93157274

00:00:40.860 --> 00:00:43.505 testing for cancer, and fortunately  
NOTE Confidence: 0.93157274

00:00:43.565 --> 00:00:45.085 less often finding a new  
NOTE Confidence: 0.93157274

00:00:45.085 --> 00:00:45.585 cancer.  
NOTE Confidence: 0.9569596

00:00:46.045 --> 00:00:47.245 But when we do, it's  
NOTE Confidence: 0.9569596

00:00:47.245 --> 00:00:48.524 stressful and we want to  
NOTE Confidence: 0.9569596

00:00:48.524 --> 00:00:49.985 get the handoffs right.  
NOTE Confidence: 0.9435279

00:00:50.925 --> 00:00:52.604 And so that is the

NOTE Confidence: 0.9435279  
00:00:52.845 --> 00:00:54.045 those are the sorts of  
NOTE Confidence: 0.9435279  
00:00:54.045 --> 00:00:55.824 topics that we deal with.  
NOTE Confidence: 0.98435056  
00:00:56.470 --> 00:00:57.830 During this talk, please feel  
NOTE Confidence: 0.98435056  
00:00:57.830 --> 00:00:59.110 free to enter questions into  
NOTE Confidence: 0.98435056  
00:00:59.110 --> 00:01:00.310 the Q and A. I'll  
NOTE Confidence: 0.98435056  
00:01:00.310 --> 00:01:02.230 monitor it and pose questions  
NOTE Confidence: 0.98435056  
00:01:02.230 --> 00:01:03.430 to our speaker during or  
NOTE Confidence: 0.98435056  
00:01:03.430 --> 00:01:04.069 at the end of the  
NOTE Confidence: 0.98435056  
00:01:04.069 --> 00:01:05.110 talk when we try to  
NOTE Confidence: 0.98435056  
00:01:05.110 --> 00:01:06.310 save time for questions and  
NOTE Confidence: 0.98435056  
00:01:06.310 --> 00:01:07.270 a bit of an open  
NOTE Confidence: 0.98435056  
00:01:07.270 --> 00:01:08.970 conversation between our speakers.  
NOTE Confidence: 0.99348485  
00:01:09.875 --> 00:01:12.375 Tonight's topic is colorectal cancer  
NOTE Confidence: 0.9980078  
00:01:12.755 --> 00:01:14.135 prevention and screening.  
NOTE Confidence: 0.99882394  
00:01:15.555 --> 00:01:16.694 We have a terrific  
NOTE Confidence: 0.9707397

00:01:16.995 --> 00:01:18.935 panel. I'll start by introducing,  
NOTE Confidence: 0.8564479

00:01:19.475 --> 00:01:21.255 Doctor. Piaal Alam.  
NOTE Confidence: 0.9934721

00:01:22.560 --> 00:01:24.740 Pial is a board certified  
NOTE Confidence: 0.9934721

00:01:24.880 --> 00:01:26.259 family medicine physician.  
NOTE Confidence: 0.9629519

00:01:26.720 --> 00:01:28.659 He received his medical degree  
NOTE Confidence: 0.9629519

00:01:28.720 --> 00:01:30.500 from the New York Institute  
NOTE Confidence: 0.9629519

00:01:30.640 --> 00:01:31.140 Technology  
NOTE Confidence: 0.82442874

00:01:32.319 --> 00:01:33.380 College of Osteopathic  
NOTE Confidence: 0.93818915

00:01:33.680 --> 00:01:35.360 Medicine and he completed his  
NOTE Confidence: 0.93818915

00:01:35.360 --> 00:01:37.520 family medicine residency at Northwell  
NOTE Confidence: 0.93818915

00:01:37.520 --> 00:01:38.020 Health.  
NOTE Confidence: 0.9892643

00:01:38.615 --> 00:01:40.235 He is a primary care  
NOTE Confidence: 0.79051554

00:01:40.854 --> 00:01:41.354 physician,  
NOTE Confidence: 0.948855

00:01:42.134 --> 00:01:44.375 a busy primary care physician,  
NOTE Confidence: 0.948855

00:01:44.375 --> 00:01:45.895 for Northeast Medical Group here  
NOTE Confidence: 0.948855

00:01:45.895 --> 00:01:47.174 at Yale in Rye Brook,

NOTE Confidence: 0.948855  
00:01:47.174 --> 00:01:48.854 New York. In his spare  
NOTE Confidence: 0.948855  
00:01:48.854 --> 00:01:50.295 time, he is also an  
NOTE Confidence: 0.948855  
00:01:50.295 --> 00:01:51.975 executive Miles per hour candidate  
NOTE Confidence: 0.948855  
00:01:51.975 --> 00:01:53.015 at the Yale School of  
NOTE Confidence: 0.948855  
00:01:53.015 --> 00:01:55.200 Public Health focusing on health  
NOTE Confidence: 0.948855  
00:01:55.200 --> 00:01:55.700 policy.  
NOTE Confidence: 0.9474705  
00:01:56.400 --> 00:01:57.600 He serves as a co  
NOTE Confidence: 0.9474705  
00:01:57.600 --> 00:02:00.260 director for another lecture series,  
NOTE Confidence: 0.9593296  
00:02:00.720 --> 00:02:02.000 called Trust Your Gut on  
NOTE Confidence: 0.9593296  
00:02:02.000 --> 00:02:03.060 Digestive Health.  
NOTE Confidence: 0.96283406  
00:02:03.760 --> 00:02:04.900 He's very involved  
NOTE Confidence: 0.94778436  
00:02:05.360 --> 00:02:06.240 in what we call our  
NOTE Confidence: 0.94778436  
00:02:06.240 --> 00:02:07.460 care signature pathways,  
NOTE Confidence: 0.94312024  
00:02:08.035 --> 00:02:10.294 chairing and authoring several ambulatory  
NOTE Confidence: 0.94312024  
00:02:10.514 --> 00:02:12.195 pathways and sitting on the  
NOTE Confidence: 0.94312024

00:02:12.195 --> 00:02:13.955 primary care and infectious disease

NOTE Confidence: 0.94312024

00:02:13.955 --> 00:02:14.455 councils.

NOTE Confidence: 0.9928781

00:02:14.755 --> 00:02:16.435 He also recently joined the

NOTE Confidence: 0.9928781

00:02:16.435 --> 00:02:18.055 Connecticut Department of Health

NOTE Confidence: 0.89099324

00:02:18.355 --> 00:02:19.575 outpatient antibiotic

NOTE Confidence: 0.9995752

00:02:20.035 --> 00:02:20.535 stewardship

NOTE Confidence: 0.98726666

00:02:20.915 --> 00:02:21.415 committee.

NOTE Confidence: 0.93080235

00:02:22.100 --> 00:02:23.220 I'm gonna turn,

NOTE Confidence: 0.9514923

00:02:23.620 --> 00:02:24.120 over,

NOTE Confidence: 0.97881335

00:02:24.660 --> 00:02:25.959 my virtual microphone,

NOTE Confidence: 0.9174115

00:02:26.260 --> 00:02:27.480 to Tracy Battaglia

NOTE Confidence: 0.94970864

00:02:28.020 --> 00:02:29.220 who joins me tonight as

NOTE Confidence: 0.94970864

00:02:29.220 --> 00:02:31.240 a cohost. She's the associate

NOTE Confidence: 0.94970864

00:02:31.380 --> 00:02:33.139 director of the Cancer Care

NOTE Confidence: 0.94970864

00:02:33.139 --> 00:02:33.639 Equity,

NOTE Confidence: 0.9564265

00:02:34.340 --> 00:02:35.860 at our Yale Cancer Center,

NOTE Confidence: 0.9564265  
00:02:35.860 --> 00:02:37.400 and and she counts double  
NOTE Confidence: 0.9960729  
00:02:37.815 --> 00:02:39.275 because she's an internist,  
NOTE Confidence: 0.96945393  
00:02:39.974 --> 00:02:41.575 and a professor in our  
NOTE Confidence: 0.96945393  
00:02:41.575 --> 00:02:43.355 section of general internal medicine.  
NOTE Confidence: 0.9932229  
00:02:43.655 --> 00:02:45.095 And she will introduce our  
NOTE Confidence: 0.9932229  
00:02:45.095 --> 00:02:45.915 other speakers.  
NOTE Confidence: 0.9696633  
00:02:46.215 --> 00:02:47.974 Tracy? Thank you, doctor Brown.  
NOTE Confidence: 0.9696633  
00:02:47.974 --> 00:02:49.334 It's really a pleasure to  
NOTE Confidence: 0.9696633  
00:02:49.334 --> 00:02:50.630 be here this evening with  
NOTE Confidence: 0.9696633  
00:02:50.630 --> 00:02:51.750 all of you and to,  
NOTE Confidence: 0.9998461  
00:02:52.629 --> 00:02:54.150 introduce our esteemed panel. I'm  
NOTE Confidence: 0.9998461  
00:02:54.150 --> 00:02:55.430 excited to learn from this  
NOTE Confidence: 0.9998461  
00:02:55.430 --> 00:02:55.930 panel.  
NOTE Confidence: 0.93222314  
00:02:56.230 --> 00:02:57.750 Let me first, on behalf  
NOTE Confidence: 0.93222314  
00:02:57.750 --> 00:02:59.110 of the Cancer Center, introduce  
NOTE Confidence: 0.93222314

00:02:59.110 --> 00:03:00.810 you to doctor Thayjal Shreekumar.  
NOTE Confidence: 0.978174

00:03:01.510 --> 00:03:03.190 Doctor Shreekumar is an assistant  
NOTE Confidence: 0.978174

00:03:03.190 --> 00:03:04.870 professor of medicine and medical  
NOTE Confidence: 0.978174

00:03:04.870 --> 00:03:06.764 oncology and hematology, where she  
NOTE Confidence: 0.978174

00:03:06.764 --> 00:03:08.044 cares for patients as part  
NOTE Confidence: 0.978174

00:03:08.044 --> 00:03:09.825 of the Center for Gastrointestinal  
NOTE Confidence: 0.9859445

00:03:10.285 --> 00:03:12.125 Cancers at Smilow Cancer Hospital  
NOTE Confidence: 0.9859445

00:03:12.125 --> 00:03:13.725 and Yale Cancer Center here  
NOTE Confidence: 0.9859445

00:03:13.725 --> 00:03:14.625 in New Haven.  
NOTE Confidence: 0.9663743

00:03:15.885 --> 00:03:17.805 She completed her undergraduate degree  
NOTE Confidence: 0.9663743

00:03:17.805 --> 00:03:19.105 in heart at Harvard  
NOTE Confidence: 0.95731384

00:03:19.405 --> 00:03:20.685 and then received her medical  
NOTE Confidence: 0.95731384

00:03:20.685 --> 00:03:22.159 degree from the University of  
NOTE Confidence: 0.95731384

00:03:22.159 --> 00:03:24.000 Florida College of Medicine and  
NOTE Confidence: 0.95731384

00:03:24.000 --> 00:03:25.139 completed her residency  
NOTE Confidence: 0.9671353

00:03:25.680 --> 00:03:26.799 here at Yale, where she

NOTE Confidence: 0.9671353

00:03:26.799 --> 00:03:28.500 also served as chief resident.

NOTE Confidence: 0.9953083

00:03:29.040 --> 00:03:30.319 She went on to complete

NOTE Confidence: 0.9953083

00:03:30.319 --> 00:03:32.340 her medical oncology and hematology

NOTE Confidence: 0.9829085

00:03:32.720 --> 00:03:33.780 fellowship and,

NOTE Confidence: 0.990463

00:03:34.239 --> 00:03:35.920 chief year fellowship here at

NOTE Confidence: 0.990463

00:03:35.920 --> 00:03:36.420 Yale,

NOTE Confidence: 0.9461055

00:03:37.395 --> 00:03:39.075 which at the time she

NOTE Confidence: 0.9461055

00:03:39.075 --> 00:03:40.675 obtained her executive master of

NOTE Confidence: 0.9461055

00:03:40.675 --> 00:03:42.215 public health degree in epidemiology

NOTE Confidence: 0.9461055

00:03:42.355 --> 00:03:43.735 and health health informatics.

NOTE Confidence: 0.9079011

00:03:44.595 --> 00:03:46.194 We're very fortunate to have

NOTE Confidence: 0.9079011

00:03:46.194 --> 00:03:48.215 doctor Sri Kumar's clinical research

NOTE Confidence: 0.9079011

00:03:48.275 --> 00:03:49.955 efforts here centered around caring

NOTE Confidence: 0.9079011

00:03:49.955 --> 00:03:51.575 for young adults with gastrointestinal

NOTE Confidence: 0.8878251

00:03:51.880 --> 00:03:52.380 malignancies,

NOTE Confidence: 0.9974366

00:03:53.320 --> 00:03:54.920 and she's also quite passionate  
NOTE Confidence: 0.9974366

00:03:54.920 --> 00:03:56.680 about medical education as she  
NOTE Confidence: 0.9974366

00:03:56.680 --> 00:03:58.200 serves as our assistant program  
NOTE Confidence: 0.9974366

00:03:58.200 --> 00:03:58.700 director  
NOTE Confidence: 0.93040353

00:03:59.000 --> 00:04:00.620 for the Yale Medical Oncology  
NOTE Confidence: 0.93040353

00:04:00.840 --> 00:04:02.920 Hematology Fellowship Program. Thank you  
NOTE Confidence: 0.93040353

00:04:02.920 --> 00:04:04.540 for being here, doctor Sreekumar.  
NOTE Confidence: 0.92987573

00:04:06.275 --> 00:04:07.875 I'm also here to introduce  
NOTE Confidence: 0.92987573

00:04:07.875 --> 00:04:09.975 you to doctor Xavier Lohr,  
NOTE Confidence: 0.9964653

00:04:10.755 --> 00:04:12.455 who received his MD  
NOTE Confidence: 0.99357325

00:04:12.915 --> 00:04:14.435 degree from the University of  
NOTE Confidence: 0.99357325

00:04:14.435 --> 00:04:14.935 Barcelona.  
NOTE Confidence: 0.98963624

00:04:15.715 --> 00:04:17.235 Doctor Lohr is trained in  
NOTE Confidence: 0.98963624

00:04:17.235 --> 00:04:19.154 basic research and internal medicine  
NOTE Confidence: 0.98963624

00:04:19.154 --> 00:04:20.615 at the University of Chicago,  
NOTE Confidence: 0.98963624

00:04:20.675 --> 00:04:22.330 where he also completed his

NOTE Confidence: 0.98963624  
00:04:22.330 --> 00:04:23.310 GI fellowship  
NOTE Confidence: 0.9983454  
00:04:23.770 --> 00:04:25.390 at the University of Illinois  
NOTE Confidence: 0.9983454  
00:04:25.450 --> 00:04:26.190 at Chicago.  
NOTE Confidence: 0.9834821  
00:04:26.890 --> 00:04:28.570 He complemented his training with  
NOTE Confidence: 0.9834821  
00:04:28.570 --> 00:04:30.190 a PhD degree in molecular  
NOTE Confidence: 0.9834821  
00:04:30.330 --> 00:04:31.850 biology from the University of  
NOTE Confidence: 0.9834821  
00:04:31.850 --> 00:04:32.350 Barcelona.  
NOTE Confidence: 0.9966001  
00:04:33.130 --> 00:04:35.070 He's a very active clinical  
NOTE Confidence: 0.9966001  
00:04:35.290 --> 00:04:35.790 gastroenterologist  
NOTE Confidence: 0.88421744  
00:04:36.410 --> 00:04:37.904 where his research and clinical  
NOTE Confidence: 0.88421744  
00:04:37.904 --> 00:04:39.284 interests relate to gastrointestinal  
NOTE Confidence: 0.9995513  
00:04:39.664 --> 00:04:40.565 cancer prevention.  
NOTE Confidence: 0.9801862  
00:04:41.264 --> 00:04:42.464 He has an active basic  
NOTE Confidence: 0.9801862  
00:04:42.464 --> 00:04:44.805 science and translational research program,  
NOTE Confidence: 0.9801862  
00:04:44.865 --> 00:04:46.705 which focuses on several aspects  
NOTE Confidence: 0.9801862

00:04:46.705 --> 00:04:47.444 of gastrointestinal  
NOTE Confidence: 0.942975

00:04:47.904 --> 00:04:48.404 cancer,  
NOTE Confidence: 0.99468756

00:04:48.784 --> 00:04:51.185 hereditary and familial forms, screening  
NOTE Confidence: 0.99468756

00:04:51.185 --> 00:04:51.845 and prevention,  
NOTE Confidence: 0.9994248

00:04:52.420 --> 00:04:53.160 and disparities.  
NOTE Confidence: 0.9945959

00:04:53.940 --> 00:04:55.480 He is a well published,  
NOTE Confidence: 0.9315694

00:04:56.100 --> 00:04:57.860 investigator in the field, making  
NOTE Confidence: 0.9315694

00:04:57.860 --> 00:04:59.620 seminal contributions to the fields  
NOTE Confidence: 0.9315694

00:04:59.620 --> 00:05:01.060 of Lynch Syndrome and other  
NOTE Confidence: 0.9315694

00:05:01.060 --> 00:05:02.600 non polyposis syndromic  
NOTE Confidence: 0.99940085

00:05:02.980 --> 00:05:04.520 colorectal cancer cases.  
NOTE Confidence: 0.96283114

00:05:05.300 --> 00:05:06.680 He holds many leadership,  
NOTE Confidence: 0.9392721

00:05:07.255 --> 00:05:09.415 positions nationally, most notably at  
NOTE Confidence: 0.9392721

00:05:09.415 --> 00:05:10.055 the National,  
NOTE Confidence: 0.97892666

00:05:10.455 --> 00:05:11.995 Colorectal Cancer Roundtable  
NOTE Confidence: 0.98618925

00:05:12.775 --> 00:05:15.015 and, the National Comprehensive Cancer

NOTE Confidence: 0.98618925  
00:05:15.015 --> 00:05:16.055 Network. So we're thrilled to  
NOTE Confidence: 0.98618925  
00:05:16.055 --> 00:05:17.435 have doctor Lohr here  
NOTE Confidence: 0.99839216  
00:05:17.895 --> 00:05:18.714 as a panelist.  
NOTE Confidence: 0.98836  
00:05:21.569 --> 00:05:23.089 I'll pass it off to,  
NOTE Confidence: 0.98836  
00:05:23.409 --> 00:05:24.610 our panelists to get us  
NOTE Confidence: 0.98836  
00:05:24.610 --> 00:05:25.110 started.  
NOTE Confidence: 0.9541082  
00:05:26.050 --> 00:05:27.250 Thank you to both Karen  
NOTE Confidence: 0.9541082  
00:05:27.250 --> 00:05:28.689 and Tracy for those wonderful  
NOTE Confidence: 0.9541082  
00:05:28.689 --> 00:05:29.889 introductions, and thank you to  
NOTE Confidence: 0.9541082  
00:05:29.889 --> 00:05:31.409 the entire smile team for  
NOTE Confidence: 0.9541082  
00:05:31.409 --> 00:05:32.770 hosting us here tonight. And  
NOTE Confidence: 0.9541082  
00:05:32.770 --> 00:05:33.650 also thank you to our  
NOTE Confidence: 0.9541082  
00:05:33.650 --> 00:05:35.565 audience for joining us. Before  
NOTE Confidence: 0.9541082  
00:05:35.565 --> 00:05:36.604 we get started, I'll give  
NOTE Confidence: 0.9541082  
00:05:36.604 --> 00:05:37.164 a little bit of a  
NOTE Confidence: 0.9541082

00:05:37.164 --> 00:05:37.664 background.  
NOTE Confidence: 0.9840997

00:05:38.205 --> 00:05:40.685 So with that, colorectal cancer  
NOTE Confidence: 0.9840997

00:05:40.685 --> 00:05:42.365 is a relatively common disease.  
NOTE Confidence: 0.9840997

00:05:42.365 --> 00:05:43.884 In the United States, over  
NOTE Confidence: 0.9840997

00:05:43.884 --> 00:05:45.085 a hundred and fifty four  
NOTE Confidence: 0.9840997

00:05:45.085 --> 00:05:46.845 thousand new cases of colon  
NOTE Confidence: 0.9840997

00:05:46.845 --> 00:05:48.464 and rectal cancer are diagnosed  
NOTE Confidence: 0.9840997

00:05:48.604 --> 00:05:49.104 annually.  
NOTE Confidence: 0.9932703

00:05:49.770 --> 00:05:51.950 Colorectal cancer incidence and mortality  
NOTE Confidence: 0.9932703

00:05:52.089 --> 00:05:54.010 rates vary markedly around the  
NOTE Confidence: 0.9932703

00:05:54.010 --> 00:05:54.510 world.  
NOTE Confidence: 0.98646414

00:05:54.970 --> 00:05:57.050 Globally, colorectal cancer is the  
NOTE Confidence: 0.98646414

00:05:57.050 --> 00:05:58.890 third most diagnosed cancer in  
NOTE Confidence: 0.98646414

00:05:58.890 --> 00:06:00.410 males, and the second most  
NOTE Confidence: 0.98646414

00:06:00.410 --> 00:06:01.850 in females, according to the  
NOTE Confidence: 0.98646414

00:06:01.850 --> 00:06:02.910 World Health Organization.

NOTE Confidence: 0.9681231

00:06:03.835 --> 00:06:05.275 Tonight, we will go into

NOTE Confidence: 0.9681231

00:06:05.275 --> 00:06:07.035 greater detail about some clinical

NOTE Confidence: 0.9681231

00:06:07.035 --> 00:06:08.955 presentations in the primary care

NOTE Confidence: 0.9681231

00:06:08.955 --> 00:06:09.455 setting,

NOTE Confidence: 0.9882307

00:06:09.755 --> 00:06:11.035 when and how to screen,

NOTE Confidence: 0.9882307

00:06:11.035 --> 00:06:12.395 and what history and red

NOTE Confidence: 0.9882307

00:06:12.395 --> 00:06:13.435 flags to keep an eye

NOTE Confidence: 0.9882307

00:06:13.435 --> 00:06:14.714 out for to best support

NOTE Confidence: 0.9882307

00:06:14.714 --> 00:06:15.375 our patients.

NOTE Confidence: 0.8261892

00:06:16.235 --> 00:06:17.214 Next slide, please.

NOTE Confidence: 0.95868397

00:06:18.180 --> 00:06:20.040 So the United States Preventative

NOTE Confidence: 0.95868397

00:06:20.180 --> 00:06:22.660 Services Task Force recommends that

NOTE Confidence: 0.95868397

00:06:22.660 --> 00:06:24.580 adults age forty five to

NOTE Confidence: 0.95868397

00:06:24.580 --> 00:06:26.339 seventy five be screened for

NOTE Confidence: 0.95868397

00:06:26.339 --> 00:06:27.560 colorectal cancer.

NOTE Confidence: 0.9903707

00:06:28.180 --> 00:06:29.779 Most people should be begin  
NOTE Confidence: 0.9903707

00:06:29.779 --> 00:06:31.725 screening for colorectal cancer as  
NOTE Confidence: 0.9903707

00:06:31.725 --> 00:06:33.585 soon as after turning forty  
NOTE Confidence: 0.9903707

00:06:33.805 --> 00:06:35.404 five, then continue getting screened  
NOTE Confidence: 0.9903707

00:06:35.404 --> 00:06:36.464 at regular intervals.  
NOTE Confidence: 0.9663051

00:06:37.085 --> 00:06:38.205 However, you may need to  
NOTE Confidence: 0.9663051

00:06:38.205 --> 00:06:39.885 be tested earlier than forty  
NOTE Confidence: 0.9663051

00:06:39.885 --> 00:06:41.165 five or more often than  
NOTE Confidence: 0.9663051

00:06:41.165 --> 00:06:43.585 this in certain, clinical scenarios.  
NOTE Confidence: 0.9970331

00:06:44.205 --> 00:06:45.665 Some of which being inflammatory  
NOTE Confidence: 0.9970331

00:06:45.964 --> 00:06:46.785 bowel disease,  
NOTE Confidence: 0.9708302

00:06:47.500 --> 00:06:49.180 like Crohn's disease or ulcerative  
NOTE Confidence: 0.9708302

00:06:49.180 --> 00:06:49.680 colitis,  
NOTE Confidence: 0.9725123

00:06:49.980 --> 00:06:51.500 a personal or family history  
NOTE Confidence: 0.9725123

00:06:51.500 --> 00:06:53.920 of colorectal cancer, or colorectal  
NOTE Confidence: 0.9725123

00:06:54.220 --> 00:06:54.720 polyps,

NOTE Confidence: 0.924868  
00:06:55.020 --> 00:06:56.940 or, genetic syndromes, such as  
NOTE Confidence: 0.924868  
00:06:56.940 --> 00:06:58.000 familial adenovitis,  
NOTE Confidence: 0.8432276  
00:06:58.300 --> 00:06:59.839 paleposis, or hereditary  
NOTE Confidence: 0.78990805  
00:07:00.625 --> 00:07:01.125 nonpulpusis  
NOTE Confidence: 0.9353473  
00:07:01.505 --> 00:07:03.365 colorectal cancer, Lynch syndrome.  
NOTE Confidence: 0.96724534  
00:07:03.985 --> 00:07:05.745 And with that, I'd like  
NOTE Confidence: 0.96724534  
00:07:05.745 --> 00:07:07.265 to hand over to Javier  
NOTE Confidence: 0.96724534  
00:07:07.265 --> 00:07:08.145 to discuss a little bit  
NOTE Confidence: 0.96724534  
00:07:08.145 --> 00:07:09.125 more about this.  
NOTE Confidence: 0.93777055  
00:07:09.425 --> 00:07:10.625 Thank you, Biel. So,  
NOTE Confidence: 0.93220204  
00:07:11.105 --> 00:07:13.445 starting first with, colorectal cancer  
NOTE Confidence: 0.93220204  
00:07:13.665 --> 00:07:15.445 screening options. As we've,  
NOTE Confidence: 0.96170396  
00:07:16.010 --> 00:07:17.130 heard over the last few  
NOTE Confidence: 0.96170396  
00:07:17.130 --> 00:07:18.270 years, the armamentarium  
NOTE Confidence: 0.9747454  
00:07:18.650 --> 00:07:20.330 for colorectal cancer screening has  
NOTE Confidence: 0.9747454

00:07:20.330 --> 00:07:22.090 grown. And with the growth,  
NOTE Confidence: 0.9747454

00:07:22.330 --> 00:07:24.030 complexity has come with that,  
NOTE Confidence: 0.9747454

00:07:24.170 --> 00:07:26.170 and, we'll really have to  
NOTE Confidence: 0.9747454

00:07:26.170 --> 00:07:27.370 try to figure out what  
NOTE Confidence: 0.9747454

00:07:27.370 --> 00:07:28.650 best suits our patients and  
NOTE Confidence: 0.9747454

00:07:28.650 --> 00:07:29.955 how we handle that. This  
NOTE Confidence: 0.9747454

00:07:29.955 --> 00:07:30.855 is a summary,  
NOTE Confidence: 0.9897951

00:07:31.715 --> 00:07:32.855 slide from the NCCN,  
NOTE Confidence: 0.9442782

00:07:33.955 --> 00:07:36.294 guidelines on colorectal cancer screening,  
NOTE Confidence: 0.9442782

00:07:36.514 --> 00:07:37.955 and that shows, on the  
NOTE Confidence: 0.9442782

00:07:37.955 --> 00:07:39.074 left side, you see all  
NOTE Confidence: 0.9442782

00:07:39.074 --> 00:07:40.514 the different modalities starting with  
NOTE Confidence: 0.9442782

00:07:40.514 --> 00:07:42.595 colonoscopy, which has been  
NOTE Confidence: 0.9442782

00:07:42.595 --> 00:07:43.255 the traditional,  
NOTE Confidence: 0.9636055

00:07:43.875 --> 00:07:45.480 screening method in the US,  
NOTE Confidence: 0.9636055

00:07:45.560 --> 00:07:47.260 then down the flexible sigmoidoscopy,

NOTE Confidence: 0.95822656  
00:07:47.800 --> 00:07:48.540 CT colonography,  
NOTE Confidence: 0.9841815  
00:07:49.320 --> 00:07:50.220 then FOBT,  
NOTE Confidence: 0.9546177  
00:07:51.320 --> 00:07:53.080 and then now that mostly  
NOTE Confidence: 0.9546177  
00:07:53.080 --> 00:07:55.000 have been substituted that, by,  
NOTE Confidence: 0.9958452  
00:07:55.400 --> 00:07:55.900 FIT  
NOTE Confidence: 0.89068586  
00:07:56.520 --> 00:07:58.680 and then, multi target stool  
NOTE Confidence: 0.89068586  
00:07:58.680 --> 00:08:00.360 DNA test, the Cologuard test  
NOTE Confidence: 0.89068586  
00:08:00.360 --> 00:08:01.455 that and then you can  
NOTE Confidence: 0.89068586  
00:08:01.935 --> 00:08:03.615 see sensitivity and specificity for  
NOTE Confidence: 0.89068586  
00:08:03.615 --> 00:08:04.435 both colorectal,  
NOTE Confidence: 0.97359055  
00:08:05.534 --> 00:08:06.995 cancer and then for advanced  
NOTE Confidence: 0.97359055  
00:08:07.134 --> 00:08:07.634 lesions.  
NOTE Confidence: 0.93881506  
00:08:08.574 --> 00:08:09.935 On the data on the,  
NOTE Confidence: 0.93881506  
00:08:10.175 --> 00:08:11.775 data on the Cologuard, that's  
NOTE Confidence: 0.93881506  
00:08:11.775 --> 00:08:13.455 gonna be updated soon because  
NOTE Confidence: 0.93881506

00:08:13.455 --> 00:08:15.314 Cologuard is releasing a new  
NOTE Confidence: 0.93881506  
00:08:15.580 --> 00:08:17.100 version of their test with  
NOTE Confidence: 0.93881506  
00:08:17.100 --> 00:08:18.380 a a mark improved in  
NOTE Confidence: 0.93881506  
00:08:18.380 --> 00:08:18.880 specificity.  
NOTE Confidence: 0.9473752  
00:08:19.260 --> 00:08:20.540 So that's gonna make an  
NOTE Confidence: 0.9473752  
00:08:20.540 --> 00:08:22.060 important difference. And over the  
NOTE Confidence: 0.9473752  
00:08:22.060 --> 00:08:23.100 last couple of years, we've  
NOTE Confidence: 0.9473752  
00:08:23.100 --> 00:08:24.240 seen an approval,  
NOTE Confidence: 0.9417554  
00:08:24.620 --> 00:08:27.020 FDA approval of two new  
NOTE Confidence: 0.9417554  
00:08:27.020 --> 00:08:28.460 methodologies. One of them is  
NOTE Confidence: 0.9417554  
00:08:28.460 --> 00:08:29.600 a multi target,  
NOTE Confidence: 0.9808462  
00:08:30.754 --> 00:08:32.214 stool RNA test,  
NOTE Confidence: 0.98991245  
00:08:32.834 --> 00:08:34.214 that has similar  
NOTE Confidence: 0.88452125  
00:08:34.675 --> 00:08:36.355 performance to the newest test  
NOTE Confidence: 0.88452125  
00:08:36.355 --> 00:08:36.515 of,  
NOTE Confidence: 0.89929026  
00:08:37.554 --> 00:08:39.315 the multi target stool DNA

NOTE Confidence: 0.89929026  
00:08:39.315 --> 00:08:39.815 test,  
NOTE Confidence: 0.9399483  
00:08:40.755 --> 00:08:42.515 maybe with the caveat that,  
NOTE Confidence: 0.9399483  
00:08:42.755 --> 00:08:43.993 failure rate is probably a  
NOTE Confidence: 0.9399483  
00:08:43.993 --> 00:08:45.220 little bit higher and and  
NOTE Confidence: 0.9399483  
00:08:45.220 --> 00:08:46.760 likely related to the,  
NOTE Confidence: 0.93166864  
00:08:47.380 --> 00:08:49.640 handling RNA instead of DNA,  
NOTE Confidence: 0.93166864  
00:08:49.779 --> 00:08:51.620 but, something that, something that,  
NOTE Confidence: 0.92683804  
00:08:53.700 --> 00:08:55.540 overall didn't seem to have  
NOTE Confidence: 0.92683804  
00:08:55.540 --> 00:08:57.140 a significant impact. But, again,  
NOTE Confidence: 0.92683804  
00:08:57.140 --> 00:08:57.960 it's a consideration.  
NOTE Confidence: 0.9263743  
00:08:58.325 --> 00:08:59.765 And finally, the blood based,  
NOTE Confidence: 0.96791327  
00:09:01.285 --> 00:09:02.964 cell free DNA test that's  
NOTE Confidence: 0.96791327  
00:09:02.964 --> 00:09:03.705 come about,  
NOTE Confidence: 0.9656675  
00:09:04.245 --> 00:09:05.625 again, the last year,  
NOTE Confidence: 0.9759771  
00:09:06.325 --> 00:09:07.925 with the caveat that the  
NOTE Confidence: 0.9759771

00:09:07.925 --> 00:09:09.304 sensitivity is definitely,  
NOTE Confidence: 0.95365226

00:09:09.925 --> 00:09:11.045 lower at this point,  
NOTE Confidence: 0.9048048

00:09:11.525 --> 00:09:13.760 than the, those, stool tests  
NOTE Confidence: 0.9048048

00:09:13.760 --> 00:09:14.660 that we mentioned  
NOTE Confidence: 0.9739713

00:09:15.040 --> 00:09:15.540 before.  
NOTE Confidence: 0.9843001

00:09:16.079 --> 00:09:16.579 And,  
NOTE Confidence: 0.93822867

00:09:17.040 --> 00:09:18.339 and with that,  
NOTE Confidence: 0.905826

00:09:18.959 --> 00:09:21.120 we've we've come a little  
NOTE Confidence: 0.905826

00:09:21.120 --> 00:09:22.559 bit concerned about the fact  
NOTE Confidence: 0.905826

00:09:22.559 --> 00:09:23.059 of,  
NOTE Confidence: 0.81718445

00:09:24.480 --> 00:09:26.240 using this more of a  
NOTE Confidence: 0.81718445

00:09:26.240 --> 00:09:26.740 generalized  
NOTE Confidence: 0.89594805

00:09:27.120 --> 00:09:27.620 way,  
NOTE Confidence: 0.95409477

00:09:28.265 --> 00:09:29.545 Particularly, this is going to  
NOTE Confidence: 0.95409477

00:09:29.545 --> 00:09:31.385 substitute the other options that  
NOTE Confidence: 0.95409477

00:09:31.385 --> 00:09:33.065 probably are better at this

NOTE Confidence: 0.95409477  
00:09:33.065 --> 00:09:34.045 point. But, anyways,  
NOTE Confidence: 0.9838499  
00:09:34.505 --> 00:09:36.184 that's probably gonna get better,  
NOTE Confidence: 0.9838499  
00:09:36.184 --> 00:09:37.725 and it's gonna be another,  
NOTE Confidence: 0.9989162  
00:09:38.745 --> 00:09:40.105 important tool that we'll be  
NOTE Confidence: 0.9989162  
00:09:40.105 --> 00:09:40.925 using for  
NOTE Confidence: 0.9774535  
00:09:41.380 --> 00:09:43.300 colorectal cancer screening. So stay  
NOTE Confidence: 0.9774535  
00:09:43.300 --> 00:09:44.500 tuned because this is really  
NOTE Confidence: 0.9774535  
00:09:44.500 --> 00:09:45.540 a moving target, and there  
NOTE Confidence: 0.9774535  
00:09:45.540 --> 00:09:46.279 are more tests,  
NOTE Confidence: 0.9628036  
00:09:46.740 --> 00:09:48.420 coming up. And, hopefully, we'll  
NOTE Confidence: 0.9628036  
00:09:48.420 --> 00:09:49.220 be able to,  
NOTE Confidence: 0.95607305  
00:09:49.860 --> 00:09:50.360 altogether,  
NOTE Confidence: 0.9864829  
00:09:51.459 --> 00:09:53.459 manage the, this new world  
NOTE Confidence: 0.9864829  
00:09:53.459 --> 00:09:55.139 of different options and and,  
NOTE Confidence: 0.9864829  
00:09:55.459 --> 00:09:56.260 be able to, like,  
NOTE Confidence: 0.98735785

00:09:57.035 --> 00:09:58.475 make sure that, at the  
NOTE Confidence: 0.98735785

00:09:58.475 --> 00:09:59.275 end, what we do is  
NOTE Confidence: 0.98735785

00:09:59.275 --> 00:10:01.135 screen better and more patients.  
NOTE Confidence: 0.9426704

00:10:03.195 --> 00:10:04.554 Hundred percent agree, Shrav here,  
NOTE Confidence: 0.9426704

00:10:04.554 --> 00:10:05.835 especially from the primary care  
NOTE Confidence: 0.9426704

00:10:05.835 --> 00:10:07.835 side. Being able to advocate  
NOTE Confidence: 0.9426704

00:10:07.835 --> 00:10:09.195 for our patients by giving  
NOTE Confidence: 0.9426704

00:10:09.195 --> 00:10:10.015 them the options,  
NOTE Confidence: 0.95468456

00:10:10.940 --> 00:10:12.300 and being up to date  
NOTE Confidence: 0.95468456

00:10:12.300 --> 00:10:14.059 on those guidelines is so  
NOTE Confidence: 0.95468456

00:10:14.059 --> 00:10:15.179 important for us. So thank  
NOTE Confidence: 0.95468456

00:10:15.179 --> 00:10:16.540 you again for that. And  
NOTE Confidence: 0.95468456

00:10:16.540 --> 00:10:18.059 on that note, a nice  
NOTE Confidence: 0.95468456

00:10:18.059 --> 00:10:18.880 little segue.  
NOTE Confidence: 0.96635073

00:10:19.820 --> 00:10:20.940 So for our health care  
NOTE Confidence: 0.96635073

00:10:20.940 --> 00:10:22.380 system, we have something called

NOTE Confidence: 0.96635073  
00:10:22.380 --> 00:10:23.900 the care signature pathways. Many  
NOTE Confidence: 0.96635073  
00:10:23.900 --> 00:10:25.100 of you may be familiar  
NOTE Confidence: 0.96635073  
00:10:25.100 --> 00:10:25.679 with this.  
NOTE Confidence: 0.9845788  
00:10:26.215 --> 00:10:27.755 What we do is essentially  
NOTE Confidence: 0.9848684  
00:10:28.375 --> 00:10:28.875 provide  
NOTE Confidence: 0.9978656  
00:10:29.255 --> 00:10:31.434 some clinical guidelines and clinical  
NOTE Confidence: 0.9978656  
00:10:31.495 --> 00:10:31.995 recommendations  
NOTE Confidence: 0.99325955  
00:10:32.535 --> 00:10:34.475 based off of expert consensus.  
NOTE Confidence: 0.96679074  
00:10:35.415 --> 00:10:37.015 Speaking of voice, Javier was  
NOTE Confidence: 0.96679074  
00:10:37.015 --> 00:10:38.295 the one of the chairs  
NOTE Confidence: 0.96679074  
00:10:38.295 --> 00:10:39.115 for this department.  
NOTE Confidence: 0.9489518  
00:10:39.630 --> 00:10:40.990 Doctor Karen Brown was also  
NOTE Confidence: 0.9489518  
00:10:40.990 --> 00:10:41.870 part of this. So it's  
NOTE Confidence: 0.9489518  
00:10:41.870 --> 00:10:43.490 a collaborative effort between  
NOTE Confidence: 0.94363505  
00:10:43.790 --> 00:10:46.270 primary care, experts and specialist  
NOTE Confidence: 0.94363505

00:10:46.270 --> 00:10:46.770 experts.  
NOTE Confidence: 0.95659655

00:10:47.630 --> 00:10:48.130 Multidisciplinary  
NOTE Confidence: 0.98231053

00:10:48.590 --> 00:10:50.510 as well. We sometimes have  
NOTE Confidence: 0.98231053

00:10:50.510 --> 00:10:52.270 lab or imaging part of  
NOTE Confidence: 0.98231053

00:10:52.270 --> 00:10:53.470 the team as well, depending  
NOTE Confidence: 0.98231053

00:10:53.470 --> 00:10:54.450 on the pathway.  
NOTE Confidence: 0.98705566

00:10:55.005 --> 00:10:56.525 So it's an excellent resource  
NOTE Confidence: 0.98705566

00:10:56.525 --> 00:10:57.805 that we have. So with  
NOTE Confidence: 0.98705566

00:10:57.805 --> 00:10:58.845 that, would we actually be  
NOTE Confidence: 0.98705566

00:10:58.845 --> 00:11:00.285 able to skip forward to,  
NOTE Confidence: 0.98705566

00:11:00.605 --> 00:11:01.745 three more slides?  
NOTE Confidence: 0.97975045

00:11:03.085 --> 00:11:04.045 Yes. This one right here.  
NOTE Confidence: 0.97975045

00:11:04.045 --> 00:11:05.085 So this kind of gives  
NOTE Confidence: 0.97975045

00:11:05.085 --> 00:11:06.925 you an impression of what  
NOTE Confidence: 0.97975045

00:11:06.925 --> 00:11:08.625 these care pathways entail,  
NOTE Confidence: 0.98330665

00:11:09.240 --> 00:11:10.700 essentially giving you

NOTE Confidence: 0.85344255  
00:11:11.240 --> 00:11:13.559 guidance where what ages we  
NOTE Confidence: 0.85344255  
00:11:13.559 --> 00:11:14.620 may want to screen,  
NOTE Confidence: 0.9947632  
00:11:15.000 --> 00:11:15.500 what  
NOTE Confidence: 0.87477916  
00:11:16.200 --> 00:11:17.400 red flags to look out  
NOTE Confidence: 0.87477916  
00:11:17.400 --> 00:11:17.900 for.  
NOTE Confidence: 0.9765063  
00:11:19.240 --> 00:11:20.679 So it also provides lots  
NOTE Confidence: 0.9765063  
00:11:20.679 --> 00:11:22.360 of great patient education tools  
NOTE Confidence: 0.9765063  
00:11:22.360 --> 00:11:23.934 as well. So if we  
NOTE Confidence: 0.9765063  
00:11:23.934 --> 00:11:25.214 have access to this within  
NOTE Confidence: 0.9765063  
00:11:25.214 --> 00:11:26.255 our health care system, I  
NOTE Confidence: 0.9765063  
00:11:26.255 --> 00:11:26.755 would,  
NOTE Confidence: 0.970488  
00:11:27.214 --> 00:11:28.735 recommend our colleagues to please  
NOTE Confidence: 0.970488  
00:11:28.735 --> 00:11:29.695 take a look and and  
NOTE Confidence: 0.970488  
00:11:29.695 --> 00:11:30.355 give consideration.  
NOTE Confidence: 0.8401516  
00:11:31.054 --> 00:11:33.395 Okay? Thank you. So with  
NOTE Confidence: 0.95564514

00:11:33.855 --> 00:11:35.455 that, we'll go on to  
NOTE Confidence: 0.95564514

00:11:35.455 --> 00:11:37.135 our case based discussion of  
NOTE Confidence: 0.95564514

00:11:37.135 --> 00:11:37.455 some,  
NOTE Confidence: 0.9243185

00:11:38.290 --> 00:11:38.790 colorectal,  
NOTE Confidence: 0.95395243

00:11:39.890 --> 00:11:40.870 cancer scenarios.  
NOTE Confidence: 0.9854336

00:11:41.330 --> 00:11:42.770 And this first case will  
NOTE Confidence: 0.9854336

00:11:42.770 --> 00:11:43.270 be,  
NOTE Confidence: 0.9736168

00:11:44.130 --> 00:11:45.410 based off of a real  
NOTE Confidence: 0.9736168

00:11:45.410 --> 00:11:47.410 patient with slight modifications for  
NOTE Confidence: 0.9736168

00:11:47.410 --> 00:11:48.309 teaching purposes.  
NOTE Confidence: 0.95504856

00:11:48.850 --> 00:11:50.130 So this one, I'll read  
NOTE Confidence: 0.95504856

00:11:50.130 --> 00:11:51.634 it, Is a fifty seven  
NOTE Confidence: 0.95504856

00:11:51.634 --> 00:11:52.675 year old male with a  
NOTE Confidence: 0.95504856

00:11:52.675 --> 00:11:54.214 past medical history of hyperlipidemia.  
NOTE Confidence: 0.93869543

00:11:54.675 --> 00:11:55.574 It's diet controlled,  
NOTE Confidence: 0.9330079

00:11:55.954 --> 00:11:56.454 prediabetes,

NOTE Confidence: 0.9543918  
00:11:56.915 --> 00:11:58.754 gout, skin tags, and external  
NOTE Confidence: 0.9543918  
00:11:58.754 --> 00:12:00.774 hemorrhoids, was presenting to establish  
NOTE Confidence: 0.9543918  
00:12:00.834 --> 00:12:02.774 care with an annual physical  
NOTE Confidence: 0.9543918  
00:12:02.834 --> 00:12:03.334 after  
NOTE Confidence: 0.993001  
00:12:03.714 --> 00:12:05.394 prior the prior PCP had  
NOTE Confidence: 0.993001  
00:12:05.394 --> 00:12:06.809 left the practice. It has  
NOTE Confidence: 0.993001  
00:12:06.809 --> 00:12:08.170 been over eighteen months since  
NOTE Confidence: 0.993001  
00:12:08.170 --> 00:12:09.070 the last examination.  
NOTE Confidence: 0.987744  
00:12:10.010 --> 00:12:11.530 On chart review, during prior  
NOTE Confidence: 0.987744  
00:12:11.530 --> 00:12:13.610 visit, patient had complained about  
NOTE Confidence: 0.987744  
00:12:13.610 --> 00:12:14.809 blood in the toilet bowl  
NOTE Confidence: 0.987744  
00:12:14.809 --> 00:12:16.030 and flares of hemorrhoids.  
NOTE Confidence: 0.9991319  
00:12:16.650 --> 00:12:18.030 During today's visit,  
NOTE Confidence: 0.98752373  
00:12:18.410 --> 00:12:20.650 the, this chief complaint still  
NOTE Confidence: 0.98752373  
00:12:20.650 --> 00:12:21.150 persists.  
NOTE Confidence: 0.99629426

00:12:21.645 --> 00:12:23.165 Otherwise, patient is feeling at  
NOTE Confidence: 0.99629426

00:12:23.165 --> 00:12:24.845 baseline and at relatively good  
NOTE Confidence: 0.99629426

00:12:24.845 --> 00:12:25.345 health.  
NOTE Confidence: 0.8498589

00:12:25.805 --> 00:12:26.305 Active,  
NOTE Confidence: 0.9634776

00:12:26.685 --> 00:12:28.225 problems include hemorrhoids.  
NOTE Confidence: 0.9732235

00:12:28.605 --> 00:12:30.365 Medication wise, nothing,  
NOTE Confidence: 0.8928534

00:12:31.085 --> 00:12:31.825 too outstanding,  
NOTE Confidence: 0.9594676

00:12:32.205 --> 00:12:34.845 colase, PRN for constipation, vitamin  
NOTE Confidence: 0.9594676

00:12:34.845 --> 00:12:36.205 d, vitamin b twelve, and  
NOTE Confidence: 0.9594676

00:12:36.205 --> 00:12:36.865 a multivitamin.  
NOTE Confidence: 0.815516

00:12:38.149 --> 00:12:39.050 Social history,  
NOTE Confidence: 0.9908222

00:12:39.509 --> 00:12:40.709 the patient is a former  
NOTE Confidence: 0.9908222

00:12:40.709 --> 00:12:42.630 smoker, did quit around fourteen  
NOTE Confidence: 0.9908222

00:12:42.630 --> 00:12:43.750 years ago, but does have  
NOTE Confidence: 0.9908222

00:12:43.750 --> 00:12:45.050 a ten pack year history.  
NOTE Confidence: 0.99551183

00:12:45.750 --> 00:12:48.069 Habits wise, social drinking, only

NOTE Confidence: 0.99551183

00:12:48.069 --> 00:12:49.110 about one to two shots

NOTE Confidence: 0.99551183

00:12:49.110 --> 00:12:50.410 of liquor per week.

NOTE Confidence: 0.99547863

00:12:50.774 --> 00:12:51.274 Occupation,

NOTE Confidence: 0.8419236

00:12:51.894 --> 00:12:54.154 no occupational hazard, really. Professional

NOTE Confidence: 0.8419236

00:12:54.214 --> 00:12:55.514 poker poker player.

NOTE Confidence: 0.99761945

00:12:55.975 --> 00:12:58.154 And, no known family history.

NOTE Confidence: 0.9915779

00:12:58.855 --> 00:12:59.834 Next slide, please.

NOTE Confidence: 0.9903968

00:13:00.454 --> 00:13:02.714 So the patient also patient

NOTE Confidence: 0.9371522

00:13:03.095 --> 00:13:04.615 only had a Cologuard done

NOTE Confidence: 0.9371522

00:13:04.615 --> 00:13:05.595 three years ago

NOTE Confidence: 0.95596987

00:13:05.960 --> 00:13:07.559 at this time and and

NOTE Confidence: 0.95596987

00:13:07.559 --> 00:13:08.600 also it was found to

NOTE Confidence: 0.95596987

00:13:08.600 --> 00:13:09.900 be negative at that time.

NOTE Confidence: 0.9400089

00:13:10.280 --> 00:13:11.960 However, patient has never had

NOTE Confidence: 0.9400089

00:13:11.960 --> 00:13:13.340 a colon formal colonoscopy.

NOTE Confidence: 0.98600656

00:13:14.280 --> 00:13:15.720 Patient had received a rectal  
NOTE Confidence: 0.98600656

00:13:15.720 --> 00:13:17.160 exam during prior visit with  
NOTE Confidence: 0.98600656

00:13:17.160 --> 00:13:17.820 the PCP.  
NOTE Confidence: 0.95286787

00:13:18.280 --> 00:13:20.059 Stool guaiac was negative.  
NOTE Confidence: 0.9404695

00:13:20.475 --> 00:13:21.995 Therefore, patient had declined a  
NOTE Confidence: 0.9404695

00:13:21.995 --> 00:13:23.774 rectal exam on today's visit  
NOTE Confidence: 0.9404695

00:13:23.915 --> 00:13:25.855 and wants hemorrhoid cream only.  
NOTE Confidence: 0.9944435

00:13:26.554 --> 00:13:28.154 Patient is very apprehensive to  
NOTE Confidence: 0.9944435

00:13:28.154 --> 00:13:28.654 colonoscopy  
NOTE Confidence: 0.9397298

00:13:29.434 --> 00:13:30.415 and declines,  
NOTE Confidence: 0.92890227

00:13:31.035 --> 00:13:33.515 and reluctant for, Cologuard again  
NOTE Confidence: 0.92890227

00:13:33.515 --> 00:13:34.975 as it was already negative.  
NOTE Confidence: 0.84482706

00:13:36.210 --> 00:13:37.410 So next slide, please.  
NOTE Confidence: 0.9833808

00:13:38.130 --> 00:13:39.030 So I guess  
NOTE Confidence: 0.9540191

00:13:39.410 --> 00:13:40.210 there's a few of these  
NOTE Confidence: 0.9540191

00:13:40.210 --> 00:13:41.730 questions that we'll discuss with,

NOTE Confidence: 0.9540191  
00:13:42.210 --> 00:13:43.510 our experts colleagues.  
NOTE Confidence: 0.9487577  
00:13:44.690 --> 00:13:45.809 This is a patient that  
NOTE Confidence: 0.9487577  
00:13:45.809 --> 00:13:47.080 I had actually encountered. So  
NOTE Confidence: 0.9487577  
00:13:47.330 --> 00:13:48.070 and we,  
NOTE Confidence: 0.98403615  
00:13:48.605 --> 00:13:50.704 as primary care clinicians, may  
NOTE Confidence: 0.98403615  
00:13:50.845 --> 00:13:52.605 have patients that are reluctant  
NOTE Confidence: 0.98403615  
00:13:52.605 --> 00:13:53.504 to screening,  
NOTE Confidence: 0.9922949  
00:13:54.365 --> 00:13:55.665 especially if  
NOTE Confidence: 0.59866345  
00:13:56.045 --> 00:13:56.545 one  
NOTE Confidence: 0.97287184  
00:13:57.004 --> 00:13:57.904 it was negative.  
NOTE Confidence: 0.96711344  
00:13:59.324 --> 00:14:00.524 You know, there's some health  
NOTE Confidence: 0.96711344  
00:14:00.524 --> 00:14:02.790 literacy concerns as well, I  
NOTE Confidence: 0.96711344  
00:14:02.790 --> 00:14:04.390 remember with this patient. So  
NOTE Confidence: 0.96711344  
00:14:04.390 --> 00:14:05.670 let's start answering these questions  
NOTE Confidence: 0.96711344  
00:14:05.670 --> 00:14:07.029 and get some, guidance from  
NOTE Confidence: 0.96711344

00:14:07.029 --> 00:14:07.850 our, experts.  
NOTE Confidence: 0.9695152

00:14:08.309 --> 00:14:09.750 So one question we ask  
NOTE Confidence: 0.9695152

00:14:09.750 --> 00:14:10.890 as a primary care clinician,  
NOTE Confidence: 0.9695152

00:14:11.029 --> 00:14:12.250 what are the next steps?  
NOTE Confidence: 0.9695152

00:14:12.550 --> 00:14:14.070 So, Shavir, what would you  
NOTE Confidence: 0.9695152

00:14:14.070 --> 00:14:14.809 say there?  
NOTE Confidence: 0.9995349

00:14:15.264 --> 00:14:16.385 Sure. So I think the  
NOTE Confidence: 0.9995349

00:14:16.385 --> 00:14:16.885 clear  
NOTE Confidence: 0.9852296

00:14:17.345 --> 00:14:19.445 message here is when we  
NOTE Confidence: 0.9852296

00:14:19.505 --> 00:14:20.865 have heard from our patient  
NOTE Confidence: 0.9852296

00:14:20.865 --> 00:14:22.305 that there was a red  
NOTE Confidence: 0.9852296

00:14:22.305 --> 00:14:23.204 blood per rectum,  
NOTE Confidence: 0.9371387

00:14:23.505 --> 00:14:24.545 we are no longer in  
NOTE Confidence: 0.9371387

00:14:24.545 --> 00:14:26.464 the screening realm. And so  
NOTE Confidence: 0.9371387

00:14:26.464 --> 00:14:27.824 forget about doing more fit  
NOTE Confidence: 0.9371387

00:14:27.824 --> 00:14:29.260 test or other things. And

NOTE Confidence: 0.9371387  
00:14:29.260 --> 00:14:30.380 I've just seen a patient  
NOTE Confidence: 0.9371387  
00:14:30.380 --> 00:14:32.320 today who's has been describing  
NOTE Confidence: 0.9371387  
00:14:32.380 --> 00:14:33.500 just today in my clinic,  
NOTE Confidence: 0.9371387  
00:14:33.500 --> 00:14:35.120 which is describing brachycardia  
NOTE Confidence: 0.9454046  
00:14:35.500 --> 00:14:37.020 for a year, and the  
NOTE Confidence: 0.9454046  
00:14:37.020 --> 00:14:38.460 PCP did order a,  
NOTE Confidence: 0.95578176  
00:14:39.180 --> 00:14:40.635 fit test. And it's like,  
NOTE Confidence: 0.9685353  
00:14:41.195 --> 00:14:42.875 what's the purpose? We have  
NOTE Confidence: 0.9685353  
00:14:42.875 --> 00:14:44.315 gross blood. We then need  
NOTE Confidence: 0.9685353  
00:14:44.315 --> 00:14:45.355 to look for a cold  
NOTE Confidence: 0.9685353  
00:14:45.355 --> 00:14:46.795 blood. We already know. So  
NOTE Confidence: 0.9685353  
00:14:46.795 --> 00:14:47.915 that takes us to a  
NOTE Confidence: 0.9685353  
00:14:47.915 --> 00:14:49.275 different level that takes us  
NOTE Confidence: 0.9685353  
00:14:49.275 --> 00:14:51.195 to a diagnostic level. So  
NOTE Confidence: 0.9685353  
00:14:51.195 --> 00:14:52.635 forget about anything that applies  
NOTE Confidence: 0.9685353

00:14:52.635 --> 00:14:54.075 to screening that's no longer  
NOTE Confidence: 0.9685353

00:14:54.075 --> 00:14:55.695 applied to this patient, basically.  
NOTE Confidence: 0.93020815

00:14:56.769 --> 00:14:58.270 In terms of the, what  
NOTE Confidence: 0.93020815

00:14:58.270 --> 00:14:58.730 the,  
NOTE Confidence: 0.944677

00:14:59.649 --> 00:15:01.010 if it was appropriate for  
NOTE Confidence: 0.944677

00:15:01.010 --> 00:15:02.050 the patient to be screened  
NOTE Confidence: 0.944677

00:15:02.050 --> 00:15:03.970 with Cologuard, that was three  
NOTE Confidence: 0.944677

00:15:03.970 --> 00:15:05.010 years ago. So he would  
NOTE Confidence: 0.944677

00:15:05.010 --> 00:15:05.670 be for  
NOTE Confidence: 0.9527021

00:15:06.130 --> 00:15:07.649 do for next one because  
NOTE Confidence: 0.9527021

00:15:07.649 --> 00:15:08.769 it's been approved after three  
NOTE Confidence: 0.9527021

00:15:08.769 --> 00:15:09.824 years. So at that time,  
NOTE Confidence: 0.9527021

00:15:09.824 --> 00:15:11.345 the patient had no family  
NOTE Confidence: 0.9527021

00:15:11.345 --> 00:15:12.885 history of colorectal cancer.  
NOTE Confidence: 0.96757895

00:15:13.665 --> 00:15:15.584 And, therefore, if there's no  
NOTE Confidence: 0.96757895

00:15:15.584 --> 00:15:17.445 family history of colorectal cancer,

NOTE Confidence: 0.96757895

00:15:17.505 --> 00:15:19.204 all these options, all guidelines

NOTE Confidence: 0.96757895

00:15:19.345 --> 00:15:20.305 seem to agree that all

NOTE Confidence: 0.96757895

00:15:20.305 --> 00:15:21.745 these options are reasonable including

NOTE Confidence: 0.96757895

00:15:21.745 --> 00:15:23.605 the cologuard every three years.

NOTE Confidence: 0.96757895

00:15:23.665 --> 00:15:24.165 Now,

NOTE Confidence: 0.9571651

00:15:25.140 --> 00:15:26.440 the patient is a smoker,

NOTE Confidence: 0.9571651

00:15:26.500 --> 00:15:28.120 and and he's a professional,

NOTE Confidence: 0.95250744

00:15:29.140 --> 00:15:30.839 player, so he may actually

NOTE Confidence: 0.95250744

00:15:30.980 --> 00:15:32.180 smoke them more than what

NOTE Confidence: 0.95250744

00:15:32.180 --> 00:15:33.240 we think, actually.

NOTE Confidence: 0.95690936

00:15:33.779 --> 00:15:35.540 So and that increases risk.

NOTE Confidence: 0.95690936

00:15:35.540 --> 00:15:36.040 Clearly,

NOTE Confidence: 0.96647197

00:15:36.444 --> 00:15:38.125 alcohol deaths, obesity, lack of

NOTE Confidence: 0.96647197

00:15:38.125 --> 00:15:40.125 physical exercise, those do increase

NOTE Confidence: 0.96647197

00:15:40.125 --> 00:15:41.964 risk, and and, and we

NOTE Confidence: 0.96647197

00:15:41.964 --> 00:15:43.404 may have some here. The  
NOTE Confidence: 0.96647197

00:15:43.404 --> 00:15:44.524 issue, though, is that,  
NOTE Confidence: 0.9909713

00:15:45.165 --> 00:15:46.444 in the guidelines, we really  
NOTE Confidence: 0.9909713

00:15:46.444 --> 00:15:48.444 have not separated that increased  
NOTE Confidence: 0.9909713

00:15:48.444 --> 00:15:50.589 risk from family history risk.  
NOTE Confidence: 0.9909713

00:15:50.589 --> 00:15:52.029 So family history calls for  
NOTE Confidence: 0.9909713

00:15:52.029 --> 00:15:52.529 colonoscopy.  
NOTE Confidence: 0.9322271

00:15:54.270 --> 00:15:55.709 No no family history or  
NOTE Confidence: 0.9322271

00:15:55.709 --> 00:15:56.529 other factors,  
NOTE Confidence: 0.9690225

00:15:56.910 --> 00:15:58.350 would call for either one  
NOTE Confidence: 0.9690225

00:15:58.350 --> 00:15:59.970 of these options, but,  
NOTE Confidence: 0.96961963

00:16:00.430 --> 00:16:01.470 I think in the future,  
NOTE Confidence: 0.96961963

00:16:01.470 --> 00:16:02.350 we may have to think  
NOTE Confidence: 0.96961963

00:16:02.350 --> 00:16:04.190 about how, these factors that  
NOTE Confidence: 0.96961963

00:16:04.190 --> 00:16:05.685 we're mentioning here do change  
NOTE Confidence: 0.96961963

00:16:05.685 --> 00:16:06.405 the risk and how do

NOTE Confidence: 0.96961963  
00:16:06.405 --> 00:16:07.925 we incorporate them in our,  
NOTE Confidence: 0.9948469  
00:16:08.245 --> 00:16:09.765 decision making about what we  
NOTE Confidence: 0.9948469  
00:16:09.765 --> 00:16:10.265 suggest,  
NOTE Confidence: 0.97618127  
00:16:11.125 --> 00:16:12.485 potentially for screening. But, again,  
NOTE Confidence: 0.97618127  
00:16:12.485 --> 00:16:13.685 we are beyond screening at  
NOTE Confidence: 0.97618127  
00:16:13.685 --> 00:16:14.645 this point, but we're just  
NOTE Confidence: 0.97618127  
00:16:14.645 --> 00:16:15.525 talking about the,  
NOTE Confidence: 0.8677615  
00:16:16.325 --> 00:16:16.805 and,  
NOTE Confidence: 0.96917546  
00:16:17.740 --> 00:16:19.280 the treatment of the hemorrhoid.  
NOTE Confidence: 0.96917546  
00:16:19.420 --> 00:16:20.300 At this point, what we  
NOTE Confidence: 0.96917546  
00:16:20.300 --> 00:16:21.340 really have to do is  
NOTE Confidence: 0.96917546  
00:16:21.340 --> 00:16:22.460 just look what's going on.  
NOTE Confidence: 0.96917546  
00:16:22.460 --> 00:16:23.660 And if there are hemorrhoids,  
NOTE Confidence: 0.96917546  
00:16:23.660 --> 00:16:24.780 we'll treat the hemorrhoids, but  
NOTE Confidence: 0.96917546  
00:16:24.780 --> 00:16:25.660 first we need to figure  
NOTE Confidence: 0.96917546

00:16:25.660 --> 00:16:26.720 out what's going on.  
NOTE Confidence: 0.9816714

00:16:27.260 --> 00:16:28.720 Absolutely. And I I love  
NOTE Confidence: 0.9816714

00:16:28.780 --> 00:16:29.900 everything that you said. And  
NOTE Confidence: 0.9816714

00:16:29.900 --> 00:16:30.860 one of the most take  
NOTE Confidence: 0.9816714

00:16:30.860 --> 00:16:32.255 home points there is we've  
NOTE Confidence: 0.9816714

00:16:32.255 --> 00:16:33.615 gone from the realm of  
NOTE Confidence: 0.9816714

00:16:33.615 --> 00:16:35.295 screening to diagnostic now, and  
NOTE Confidence: 0.9816714

00:16:35.295 --> 00:16:36.195 being able to,  
NOTE Confidence: 0.94543266

00:16:37.055 --> 00:16:38.355 communicate that, especially  
NOTE Confidence: 0.97883767

00:16:39.055 --> 00:16:41.055 with, kindness and grace, especially  
NOTE Confidence: 0.97883767

00:16:41.055 --> 00:16:42.015 to a patient that may  
NOTE Confidence: 0.97883767

00:16:42.015 --> 00:16:43.295 be a little more reserved  
NOTE Confidence: 0.97883767

00:16:43.295 --> 00:16:44.435 and hesitant to,  
NOTE Confidence: 0.9829691

00:16:45.135 --> 00:16:46.335 any type of procedure in  
NOTE Confidence: 0.9829691

00:16:46.335 --> 00:16:47.710 the first place is very  
NOTE Confidence: 0.9829691

00:16:47.710 --> 00:16:49.390 important. So I love everything

NOTE Confidence: 0.9829691

00:16:49.390 --> 00:16:50.830 that she says there. Thank

NOTE Confidence: 0.9829691

00:16:50.830 --> 00:16:51.330 you.

NOTE Confidence: 0.9758939

00:16:51.790 --> 00:16:52.910 And then with that, would

NOTE Confidence: 0.9758939

00:16:52.910 --> 00:16:53.470 we be able to go

NOTE Confidence: 0.9758939

00:16:53.470 --> 00:16:54.590 to the next slide, please?

NOTE Confidence: 0.9758939

00:16:54.590 --> 00:16:56.350 Thank you. And so what

NOTE Confidence: 0.9758939

00:16:56.350 --> 00:16:58.350 happened next? This patient was

NOTE Confidence: 0.9758939

00:16:58.350 --> 00:17:00.210 referred to colorectal surgeon.

NOTE Confidence: 0.9900382

00:17:00.575 --> 00:17:01.855 At this visit, the patient

NOTE Confidence: 0.9900382

00:17:01.855 --> 00:17:03.455 had a rectal exam, which

NOTE Confidence: 0.9900382

00:17:03.455 --> 00:17:05.855 demonstrated an ulcerating rectal mass

NOTE Confidence: 0.9900382

00:17:05.855 --> 00:17:07.455 that extended from the dentate

NOTE Confidence: 0.9900382

00:17:07.455 --> 00:17:09.295 line to eight centimeters above

NOTE Confidence: 0.9900382

00:17:09.295 --> 00:17:10.355 the anal verge.

NOTE Confidence: 0.99919444

00:17:11.055 --> 00:17:12.815 Arrangements were made immediately to

NOTE Confidence: 0.99919444

00:17:12.815 --> 00:17:13.855 have the patient have an  
NOTE Confidence: 0.99919444

00:17:13.855 --> 00:17:14.675 urgent colonoscopy.  
NOTE Confidence: 0.99192125

00:17:15.650 --> 00:17:17.570 As expected, the biopsy was  
NOTE Confidence: 0.99192125

00:17:17.570 --> 00:17:18.789 consistent with,  
NOTE Confidence: 0.9986558

00:17:19.090 --> 00:17:20.230 invasive adenocarcinoma.  
NOTE Confidence: 0.9509786

00:17:21.650 --> 00:17:22.770 And with that, we'd like  
NOTE Confidence: 0.9509786

00:17:22.770 --> 00:17:23.250 to set,  
NOTE Confidence: 0.9931669

00:17:23.809 --> 00:17:25.010 give this next slide over  
NOTE Confidence: 0.9931669

00:17:25.010 --> 00:17:26.150 to Tejal, please.  
NOTE Confidence: 0.9797003

00:17:26.770 --> 00:17:28.424 Thank you so much. So  
NOTE Confidence: 0.9797003

00:17:28.424 --> 00:17:29.625 I know this talk is  
NOTE Confidence: 0.9797003

00:17:29.625 --> 00:17:32.605 focusing more on colorectal cancer  
NOTE Confidence: 0.98813045

00:17:32.984 --> 00:17:34.744 screening and prevention, but I  
NOTE Confidence: 0.98813045

00:17:34.744 --> 00:17:36.205 thought it would be helpful  
NOTE Confidence: 0.98813045

00:17:36.264 --> 00:17:37.965 to do a big picture  
NOTE Confidence: 0.98813045

00:17:38.024 --> 00:17:39.804 overview of what happens

NOTE Confidence: 0.99786437  
00:17:40.184 --> 00:17:41.644 when that cancer diagnosis  
NOTE Confidence: 0.9783125  
00:17:42.105 --> 00:17:42.605 confirmed.  
NOTE Confidence: 0.96865845  
00:17:43.470 --> 00:17:45.150 So I the first thing  
NOTE Confidence: 0.96865845  
00:17:45.150 --> 00:17:46.429 that we always want to  
NOTE Confidence: 0.96865845  
00:17:46.429 --> 00:17:47.790 know is what is the  
NOTE Confidence: 0.96865845  
00:17:47.790 --> 00:17:49.170 stage of the cancer?  
NOTE Confidence: 0.9996417  
00:17:49.950 --> 00:17:52.210 The staging of colorectal cancer  
NOTE Confidence: 0.9621276  
00:17:52.670 --> 00:17:55.490 is done by the American  
NOTE Confidence: 0.9621276  
00:17:55.710 --> 00:17:57.785 Joint Committee on Cancer, the  
NOTE Confidence: 0.9621276  
00:17:57.785 --> 00:17:58.285 AJCC  
NOTE Confidence: 0.9806579  
00:17:58.825 --> 00:17:59.805 based recommendations,  
NOTE Confidence: 0.99704885  
00:18:00.744 --> 00:18:02.525 which is on the TNM  
NOTE Confidence: 0.97493875  
00:18:03.225 --> 00:18:04.285 staging system.  
NOTE Confidence: 0.97906274  
00:18:04.905 --> 00:18:07.005 The T stands for tumor  
NOTE Confidence: 0.97906274  
00:18:07.065 --> 00:18:08.765 or the depth of invasion  
NOTE Confidence: 0.97906274

00:18:09.065 --> 00:18:10.665 into the wall of the  
NOTE Confidence: 0.97906274

00:18:10.665 --> 00:18:11.885 colon or the rectum.  
NOTE Confidence: 0.9524212

00:18:12.590 --> 00:18:14.670 N stands for lymph nodes  
NOTE Confidence: 0.9524212

00:18:14.670 --> 00:18:15.950 or the number of lymph  
NOTE Confidence: 0.9524212

00:18:15.950 --> 00:18:18.030 nodes that are involved local  
NOTE Confidence: 0.9524212

00:18:18.030 --> 00:18:18.530 regionally.  
NOTE Confidence: 0.93594587

00:18:19.150 --> 00:18:21.330 And M stands for metastasis.  
NOTE Confidence: 0.9671313

00:18:22.190 --> 00:18:23.470 Whether or not there's any  
NOTE Confidence: 0.9671313

00:18:23.470 --> 00:18:25.310 distant sites of disease involvement,  
NOTE Confidence: 0.9671313

00:18:25.310 --> 00:18:26.750 for example, in the lung  
NOTE Confidence: 0.9671313

00:18:26.750 --> 00:18:27.570 or the liver.  
NOTE Confidence: 0.949183

00:18:28.174 --> 00:18:30.174 And by combining three these  
NOTE Confidence: 0.949183

00:18:30.174 --> 00:18:31.775 three components, we come up  
NOTE Confidence: 0.949183

00:18:31.775 --> 00:18:33.375 with a stage from one  
NOTE Confidence: 0.949183

00:18:33.375 --> 00:18:34.195 to four,  
NOTE Confidence: 0.93406856

00:18:34.494 --> 00:18:36.195 one being the the lowest

NOTE Confidence: 0.93406856  
00:18:36.255 --> 00:18:38.015 stage and four being the  
NOTE Confidence: 0.93406856  
00:18:38.015 --> 00:18:40.275 most aggressive, the highest stage.  
NOTE Confidence: 0.99658704  
00:18:40.770 --> 00:18:42.930 Staging not only helps us  
NOTE Confidence: 0.99658704  
00:18:42.930 --> 00:18:44.530 determine how aggressive the cancer  
NOTE Confidence: 0.99658704  
00:18:44.530 --> 00:18:46.369 is, but it really does  
NOTE Confidence: 0.99658704  
00:18:46.369 --> 00:18:48.550 guide what our treatment options  
NOTE Confidence: 0.99658704  
00:18:48.690 --> 00:18:49.190 are.  
NOTE Confidence: 0.9727249  
00:18:49.730 --> 00:18:51.670 Now I should say that,  
NOTE Confidence: 0.99370056  
00:18:52.130 --> 00:18:53.030 this is our  
NOTE Confidence: 0.951217  
00:18:53.535 --> 00:18:56.015 staging system, as of, June  
NOTE Confidence: 0.951217  
00:18:56.015 --> 00:18:56.515 third,  
NOTE Confidence: 0.9859852  
00:18:57.055 --> 00:18:58.575 of twenty twenty five. But  
NOTE Confidence: 0.9859852  
00:18:58.575 --> 00:18:59.875 just this past weekend,  
NOTE Confidence: 0.98240584  
00:19:00.494 --> 00:19:02.195 we had our major oncology  
NOTE Confidence: 0.98240584  
00:19:02.415 --> 00:19:02.915 conference,  
NOTE Confidence: 0.99968535

00:19:03.935 --> 00:19:05.855 and there are some new  
NOTE Confidence: 0.99968535

00:19:05.855 --> 00:19:06.994 proposed changes  
NOTE Confidence: 0.9220202

00:19:07.500 --> 00:19:08.960 to this staging system,  
NOTE Confidence: 0.96617

00:19:09.260 --> 00:19:11.260 which might incorporate other elements  
NOTE Confidence: 0.96617

00:19:11.260 --> 00:19:11.660 such as,  
NOTE Confidence: 0.99091154

00:19:12.380 --> 00:19:13.840 tumor deposits and  
NOTE Confidence: 0.99552613

00:19:14.140 --> 00:19:15.900 other factors of the biology,  
NOTE Confidence: 0.99552613

00:19:15.900 --> 00:19:17.420 which may help us better  
NOTE Confidence: 0.99552613

00:19:17.420 --> 00:19:19.340 predict how our patients will  
NOTE Confidence: 0.99552613

00:19:19.340 --> 00:19:20.744 do based on their stage.  
NOTE Confidence: 0.99552613

00:19:20.744 --> 00:19:21.865 But at this moment in  
NOTE Confidence: 0.99552613

00:19:21.865 --> 00:19:22.905 time, this is what we  
NOTE Confidence: 0.99552613

00:19:22.905 --> 00:19:23.965 use for our staging.  
NOTE Confidence: 0.9969845

00:19:25.545 --> 00:19:27.645 Now when someone has that  
NOTE Confidence: 0.9969845

00:19:27.705 --> 00:19:28.205 confirmation  
NOTE Confidence: 0.9999109

00:19:28.585 --> 00:19:29.645 of cancer

NOTE Confidence: 0.99972576  
00:19:29.945 --> 00:19:30.845 on the biopsy,  
NOTE Confidence: 0.9802433  
00:19:31.545 --> 00:19:32.265 there are a few more  
NOTE Confidence: 0.9802433  
00:19:32.265 --> 00:19:33.785 pieces of information that we  
NOTE Confidence: 0.9802433  
00:19:33.785 --> 00:19:34.285 need  
NOTE Confidence: 0.99971837  
00:19:34.919 --> 00:19:36.200 to determine all of that  
NOTE Confidence: 0.99971837  
00:19:36.200 --> 00:19:37.100 staging information  
NOTE Confidence: 0.97287863  
00:19:37.879 --> 00:19:39.080 and also to help us  
NOTE Confidence: 0.97287863  
00:19:39.080 --> 00:19:40.279 guide what the next steps  
NOTE Confidence: 0.97287863  
00:19:40.279 --> 00:19:40.779 are.  
NOTE Confidence: 0.9654022  
00:19:41.320 --> 00:19:42.299 From the colonoscopy,  
NOTE Confidence: 0.9454318  
00:19:43.240 --> 00:19:44.859 that bio but that biopsy  
NOTE Confidence: 0.9454318  
00:19:44.919 --> 00:19:46.679 will confirm the pathology, but  
NOTE Confidence: 0.9454318  
00:19:46.679 --> 00:19:48.940 we actually send more testing  
NOTE Confidence: 0.9996063  
00:19:49.555 --> 00:19:50.535 from that pathology  
NOTE Confidence: 0.9967841  
00:19:51.475 --> 00:19:52.375 to characterize  
NOTE Confidence: 0.9806629

00:19:52.675 --> 00:19:54.455 something that we call mismatch  
NOTE Confidence: 0.9806629

00:19:54.595 --> 00:19:55.655 repair proteins.  
NOTE Confidence: 0.96499527

00:19:56.195 --> 00:19:57.315 And I put an asterisk  
NOTE Confidence: 0.96499527

00:19:57.315 --> 00:19:58.675 there because I wanna come  
NOTE Confidence: 0.96499527

00:19:58.675 --> 00:19:59.475 back to that. I'll put  
NOTE Confidence: 0.96499527

00:19:59.475 --> 00:20:00.035 a pin in it and  
NOTE Confidence: 0.96499527

00:20:00.035 --> 00:20:01.255 I'll come back to that.  
NOTE Confidence: 0.96499527

00:20:01.395 --> 00:20:02.185 But that can actually have  
NOTE Confidence: 0.96499527

00:20:02.185 --> 00:20:03.890 a lot of prognostic and  
NOTE Confidence: 0.96499527

00:20:03.950 --> 00:20:06.290 treatment implications for our patients.  
NOTE Confidence: 0.9948863

00:20:06.910 --> 00:20:08.210 In addition to the colonoscopy,  
NOTE Confidence: 0.9638066

00:20:08.670 --> 00:20:10.830 we get CT scans of  
NOTE Confidence: 0.9638066

00:20:10.830 --> 00:20:12.190 the chest, the abdomen and  
NOTE Confidence: 0.9638066

00:20:12.190 --> 00:20:13.710 the pelvis to evaluate for  
NOTE Confidence: 0.9638066

00:20:13.710 --> 00:20:14.609 distant disease.  
NOTE Confidence: 0.9636687

00:20:15.165 --> 00:20:16.925 And we get labs including

NOTE Confidence: 0.9636687  
00:20:16.925 --> 00:20:19.244 not only your, basic labs,  
NOTE Confidence: 0.9636687  
00:20:19.244 --> 00:20:20.605 which is the complete blood  
NOTE Confidence: 0.9636687  
00:20:20.605 --> 00:20:22.445 count and the comprehensive metabolic  
NOTE Confidence: 0.9636687  
00:20:22.445 --> 00:20:22.945 panel,  
NOTE Confidence: 0.9966643  
00:20:23.325 --> 00:20:24.685 but we also will send  
NOTE Confidence: 0.9966643  
00:20:24.685 --> 00:20:26.145 what we call a CEA,  
NOTE Confidence: 0.9966643  
00:20:26.365 --> 00:20:27.985 which is a tumor marker  
NOTE Confidence: 0.97873163  
00:20:28.390 --> 00:20:30.570 or, also known as, carcinoembryonic  
NOTE Confidence: 0.9922938  
00:20:31.190 --> 00:20:32.470 antigen, which is a protein  
NOTE Confidence: 0.9922938  
00:20:32.470 --> 00:20:33.669 that the cancer cells make  
NOTE Confidence: 0.9922938  
00:20:33.669 --> 00:20:34.710 and give us a sense  
NOTE Confidence: 0.9922938  
00:20:34.710 --> 00:20:36.150 of what the activity might  
NOTE Confidence: 0.9922938  
00:20:36.150 --> 00:20:37.369 be from the cancer.  
NOTE Confidence: 0.9660136  
00:20:38.309 --> 00:20:39.450 Now for  
NOTE Confidence: 0.9468457  
00:20:39.910 --> 00:20:41.690 rectal cancer specifically,  
NOTE Confidence: 0.9998089

00:20:42.565 --> 00:20:44.005 we also want to get  
NOTE Confidence: 0.9998089

00:20:44.005 --> 00:20:45.865 an MRI of the pelvis.  
NOTE Confidence: 0.99680483

00:20:46.645 --> 00:20:48.165 So if you think that  
NOTE Confidence: 0.99680483

00:20:48.165 --> 00:20:49.205 the patient just has a  
NOTE Confidence: 0.99680483

00:20:49.205 --> 00:20:50.505 colon cancer, meaning,  
NOTE Confidence: 0.98046625

00:20:50.885 --> 00:20:52.665 you know, from the cecum  
NOTE Confidence: 0.98046625

00:20:52.725 --> 00:20:54.425 through the sigmoid or rectosigmoid,  
NOTE Confidence: 0.9793776

00:20:55.125 --> 00:20:55.625 colonoscopy,  
NOTE Confidence: 0.9541083

00:20:56.165 --> 00:20:57.660 CT scans in the labs  
NOTE Confidence: 0.9541083

00:20:57.820 --> 00:20:58.560 should be sufficient.  
NOTE Confidence: 0.98844814

00:20:59.660 --> 00:21:00.619 But this is a key  
NOTE Confidence: 0.98844814

00:21:00.619 --> 00:21:03.760 point. We treat rectal cancer  
NOTE Confidence: 0.9741379

00:21:04.140 --> 00:21:05.660 differently than how we treat  
NOTE Confidence: 0.9741379

00:21:05.660 --> 00:21:07.180 colon cancer, and we need  
NOTE Confidence: 0.9741379

00:21:07.180 --> 00:21:08.619 more information. So these were  
NOTE Confidence: 0.9741379

00:21:08.780 --> 00:21:09.740 for these patients, we get

NOTE Confidence: 0.9741379  
00:21:09.740 --> 00:21:11.020 the MRI, and I'll circle  
NOTE Confidence: 0.9741379  
00:21:11.020 --> 00:21:11.925 back to that too.  
NOTE Confidence: 0.9984449  
00:21:12.405 --> 00:21:13.205 I just wanna make a  
NOTE Confidence: 0.9984449  
00:21:13.205 --> 00:21:14.665 note that we don't typically  
NOTE Confidence: 0.9811367  
00:21:14.965 --> 00:21:17.045 or routinely get PET scans  
NOTE Confidence: 0.9811367  
00:21:17.045 --> 00:21:18.885 on our patients unless there's  
NOTE Confidence: 0.9811367  
00:21:18.885 --> 00:21:20.565 something concerning from our CT  
NOTE Confidence: 0.9811367  
00:21:20.565 --> 00:21:21.685 scan that would prompt us  
NOTE Confidence: 0.9811367  
00:21:21.685 --> 00:21:22.585 to do so.  
NOTE Confidence: 0.98560816  
00:21:22.965 --> 00:21:24.005 From getting all of this  
NOTE Confidence: 0.98560816  
00:21:24.005 --> 00:21:24.505 information,  
NOTE Confidence: 0.9883103  
00:21:25.365 --> 00:21:27.285 we wanna answer two main  
NOTE Confidence: 0.9883103  
00:21:27.285 --> 00:21:27.660 questions.  
NOTE Confidence: 0.993002  
00:21:28.460 --> 00:21:30.060 Number one, is this a  
NOTE Confidence: 0.993002  
00:21:30.060 --> 00:21:30.560 localized  
NOTE Confidence: 0.9484334

00:21:30.940 --> 00:21:32.640 disease, or is it metastatic?  
NOTE Confidence: 0.98311806

00:21:33.340 --> 00:21:34.859 And number two, is it  
NOTE Confidence: 0.98311806

00:21:34.859 --> 00:21:36.320 colon, or is it rectal?  
NOTE Confidence: 0.9779612

00:21:36.940 --> 00:21:38.460 We'll return to our case  
NOTE Confidence: 0.9779612

00:21:38.460 --> 00:21:39.260 now to get some of  
NOTE Confidence: 0.9779612

00:21:39.260 --> 00:21:40.400 those pieces of information,  
NOTE Confidence: 0.9871762

00:21:40.700 --> 00:21:42.619 and then we'll circle back  
NOTE Confidence: 0.9871762

00:21:42.619 --> 00:21:44.535 to what happens next. Next.  
NOTE Confidence: 0.9871762

00:21:44.675 --> 00:21:46.195 Excellent. And I really love  
NOTE Confidence: 0.9871762

00:21:46.195 --> 00:21:47.655 your, two main questions,  
NOTE Confidence: 0.9753094

00:21:48.195 --> 00:21:49.234 because that's really the two  
NOTE Confidence: 0.9753094

00:21:49.234 --> 00:21:50.275 main questions that a a  
NOTE Confidence: 0.9753094

00:21:50.275 --> 00:21:51.395 lot of our patients ask  
NOTE Confidence: 0.9753094

00:21:51.395 --> 00:21:52.055 us. Right?  
NOTE Confidence: 0.9926699

00:21:52.595 --> 00:21:53.815 Most patients know,  
NOTE Confidence: 0.94493014

00:21:54.195 --> 00:21:56.355 the term terminology metastatic now,

NOTE Confidence: 0.94493014  
00:21:56.355 --> 00:21:57.395 so they really want to  
NOTE Confidence: 0.94493014  
00:21:57.395 --> 00:21:58.515 know, is it local or  
NOTE Confidence: 0.94493014  
00:21:58.515 --> 00:21:59.040 is it  
NOTE Confidence: 0.9531898  
00:21:59.440 --> 00:22:00.660 metastatic versus,  
NOTE Confidence: 0.9244194  
00:22:01.119 --> 00:22:02.400 the clinical pearl that you  
NOTE Confidence: 0.9244194  
00:22:02.400 --> 00:22:04.000 pointed towards, the colon versus  
NOTE Confidence: 0.9244194  
00:22:04.000 --> 00:22:05.760 rectal from our clinical perspective?  
NOTE Confidence: 0.9244194  
00:22:05.760 --> 00:22:06.880 That's important for us to  
NOTE Confidence: 0.9244194  
00:22:06.880 --> 00:22:07.700 know as well.  
NOTE Confidence: 0.97471243  
00:22:08.240 --> 00:22:09.359 So going back to our  
NOTE Confidence: 0.97471243  
00:22:09.359 --> 00:22:10.100 case again,  
NOTE Confidence: 0.94633114  
00:22:10.880 --> 00:22:11.619 the staging,  
NOTE Confidence: 0.92996985  
00:22:12.160 --> 00:22:12.960 CAT scan,  
NOTE Confidence: 0.96347713  
00:22:13.440 --> 00:22:14.744 showed no evidence of of  
NOTE Confidence: 0.96347713  
00:22:14.744 --> 00:22:16.925 distant metastasis for this patient.  
NOTE Confidence: 0.97967654

00:22:17.545 --> 00:22:18.445 Rectal MRI,  
NOTE Confidence: 0.99212575  
00:22:19.225 --> 00:22:21.225 suggested tumor was t three  
NOTE Confidence: 0.99212575  
00:22:21.225 --> 00:22:22.984 or possibly t four rectal  
NOTE Confidence: 0.99212575  
00:22:22.984 --> 00:22:23.484 tumor  
NOTE Confidence: 0.92463404  
00:22:23.785 --> 00:22:24.845 with a suspicious  
NOTE Confidence: 0.9795181  
00:22:25.385 --> 00:22:25.885 mesorectal  
NOTE Confidence: 0.99697584  
00:22:26.345 --> 00:22:27.085 lymph node.  
NOTE Confidence: 0.99040437  
00:22:27.520 --> 00:22:29.280 The tumor also appeared to  
NOTE Confidence: 0.99040437  
00:22:29.280 --> 00:22:31.040 be extending to the anal  
NOTE Confidence: 0.99040437  
00:22:31.040 --> 00:22:31.540 sphincter.  
NOTE Confidence: 0.9043311  
00:22:31.920 --> 00:22:33.600 Clinically, he was staged at  
NOTE Confidence: 0.9043311  
00:22:33.600 --> 00:22:36.180 t three four, and one.  
NOTE Confidence: 0.93029976  
00:22:36.640 --> 00:22:38.900 PET scan showed, no distant  
NOTE Confidence: 0.93029976  
00:22:38.960 --> 00:22:39.460 metastasis.  
NOTE Confidence: 0.9219856  
00:22:40.320 --> 00:22:41.380 Next slide, please.  
NOTE Confidence: 0.97608507  
00:22:42.234 --> 00:22:44.234 Thank you. Yeah. So before

NOTE Confidence: 0.97608507  
00:22:44.234 --> 00:22:44.955 I go on to the  
NOTE Confidence: 0.97608507  
00:22:44.955 --> 00:22:45.994 next slide, I'll I'll just  
NOTE Confidence: 0.97608507  
00:22:45.994 --> 00:22:47.294 make a note here. So,  
NOTE Confidence: 0.96208423  
00:22:47.914 --> 00:22:49.514 as you as I had  
NOTE Confidence: 0.96208423  
00:22:49.514 --> 00:22:50.554 mentioned, so we looked at  
NOTE Confidence: 0.96208423  
00:22:50.554 --> 00:22:51.755 the t stage and the  
NOTE Confidence: 0.96208423  
00:22:51.755 --> 00:22:52.894 n stage here.  
NOTE Confidence: 0.9976111  
00:22:53.755 --> 00:22:55.355 So with the t stage,  
NOTE Confidence: 0.9976111  
00:22:55.355 --> 00:22:56.490 it goes from one to  
NOTE Confidence: 0.9976111  
00:22:56.570 --> 00:22:57.690 four in terms of the  
NOTE Confidence: 0.9976111  
00:22:57.690 --> 00:22:59.309 depth of invasion. So  
NOTE Confidence: 0.9874262  
00:22:59.609 --> 00:23:01.710 having both the deeper invasion  
NOTE Confidence: 0.9874262  
00:23:01.850 --> 00:23:03.130 as as well as nodal  
NOTE Confidence: 0.9874262  
00:23:03.130 --> 00:23:03.630 involvement  
NOTE Confidence: 0.99616754  
00:23:04.410 --> 00:23:05.609 means that he's what we  
NOTE Confidence: 0.99616754

00:23:05.609 --> 00:23:07.609 call locally advanced. There's no  
NOTE Confidence: 0.99616754

00:23:07.609 --> 00:23:09.475 distant disease, but it's also  
NOTE Confidence: 0.99616754

00:23:09.475 --> 00:23:11.635 not necessarily the smallest tumor  
NOTE Confidence: 0.99616754

00:23:11.635 --> 00:23:12.674 either. He's kind of in  
NOTE Confidence: 0.99616754

00:23:12.674 --> 00:23:13.975 that middle road.  
NOTE Confidence: 0.99836224

00:23:15.315 --> 00:23:15.815 So  
NOTE Confidence: 0.9578306

00:23:16.195 --> 00:23:17.794 in terms of his next  
NOTE Confidence: 0.9578306

00:23:17.794 --> 00:23:18.855 steps in treatment,  
NOTE Confidence: 0.9982015

00:23:19.875 --> 00:23:21.315 as I mentioned, we treat  
NOTE Confidence: 0.9982015

00:23:21.315 --> 00:23:22.914 colon cancer different than how  
NOTE Confidence: 0.9982015

00:23:22.914 --> 00:23:24.695 we treat rectal cancer.  
NOTE Confidence: 0.9918948

00:23:25.130 --> 00:23:26.330 And to give you a  
NOTE Confidence: 0.9918948

00:23:26.330 --> 00:23:28.030 big picture overview,  
NOTE Confidence: 0.98580253

00:23:28.810 --> 00:23:30.430 when someone has a nonmetastatic  
NOTE Confidence: 0.98187476

00:23:30.810 --> 00:23:33.050 colon cancer, typically, the standard  
NOTE Confidence: 0.98187476

00:23:33.050 --> 00:23:34.430 of care is to

NOTE Confidence: 0.9527896  
00:23:34.730 --> 00:23:36.270 take them for surgical resection  
NOTE Confidence: 0.9527896  
00:23:36.330 --> 00:23:38.510 upfront. And then depending on  
NOTE Confidence: 0.9527896  
00:23:38.804 --> 00:23:41.125 the final stage and the  
NOTE Confidence: 0.9527896  
00:23:41.125 --> 00:23:43.044 features of the pathology from  
NOTE Confidence: 0.9527896  
00:23:43.044 --> 00:23:44.904 the surgical resections specimen,  
NOTE Confidence: 0.97250336  
00:23:45.445 --> 00:23:46.565 that will help us determine  
NOTE Confidence: 0.97250336  
00:23:46.565 --> 00:23:47.524 whether or not they need  
NOTE Confidence: 0.97250336  
00:23:47.524 --> 00:23:49.044 any more treatment after the  
NOTE Confidence: 0.97250336  
00:23:49.044 --> 00:23:50.424 surgery such as chemotherapy.  
NOTE Confidence: 0.9778259  
00:23:51.820 --> 00:23:52.800 In contrast,  
NOTE Confidence: 0.99710244  
00:23:53.580 --> 00:23:54.960 for rectal cancer,  
NOTE Confidence: 0.97055185  
00:23:55.580 --> 00:23:57.340 we've actually moved a lot  
NOTE Confidence: 0.97055185  
00:23:57.340 --> 00:23:59.760 of that other treatment upfront  
NOTE Confidence: 0.8927789  
00:24:00.300 --> 00:24:01.360 before surgery,  
NOTE Confidence: 0.956822  
00:24:01.820 --> 00:24:03.280 and we call that treatment  
NOTE Confidence: 0.956822

00:24:03.340 --> 00:24:05.280 strategy total neoadjuvant

NOTE Confidence: 0.95648146

00:24:05.580 --> 00:24:07.275 therapy or TNT.

NOTE Confidence: 0.9994785

00:24:08.535 --> 00:24:09.815 The more recent studies have

NOTE Confidence: 0.9994785

00:24:09.815 --> 00:24:12.395 shown that doing both chemotherapy

NOTE Confidence: 0.9993486

00:24:12.934 --> 00:24:13.434 and

NOTE Confidence: 0.9013467

00:24:13.815 --> 00:24:14.715 chemo radiation

NOTE Confidence: 0.99867857

00:24:15.575 --> 00:24:16.635 before surgery

NOTE Confidence: 0.97774714

00:24:17.335 --> 00:24:19.255 can actually not only decrease

NOTE Confidence: 0.97774714

00:24:19.255 --> 00:24:20.695 the shrink of shrink the

NOTE Confidence: 0.97774714

00:24:20.695 --> 00:24:22.054 tumor and decrease the size

NOTE Confidence: 0.97774714

00:24:22.054 --> 00:24:23.990 of it before the surgery

NOTE Confidence: 0.97774714

00:24:23.990 --> 00:24:24.650 to help

NOTE Confidence: 0.8697371

00:24:25.030 --> 00:24:26.549 decrease the morbidity of a

NOTE Confidence: 0.8697371

00:24:26.549 --> 00:24:27.609 sir a surgery,

NOTE Confidence: 0.9979461

00:24:28.390 --> 00:24:29.669 and, you know, decrease the

NOTE Confidence: 0.9979461

00:24:29.669 --> 00:24:30.730 chances of needing

NOTE Confidence: 0.9650116  
00:24:31.030 --> 00:24:32.570 something like a permanent ostomy.  
NOTE Confidence: 0.9807469  
00:24:32.950 --> 00:24:34.150 But moving all of this  
NOTE Confidence: 0.9807469  
00:24:34.150 --> 00:24:35.990 treatment upfront has actually also  
NOTE Confidence: 0.9807469  
00:24:35.990 --> 00:24:37.305 shown to have a benefit  
NOTE Confidence: 0.9807469  
00:24:37.305 --> 00:24:38.685 for overall survival.  
NOTE Confidence: 0.9480669  
00:24:39.865 --> 00:24:41.545 So typically, these patients will  
NOTE Confidence: 0.9480669  
00:24:41.545 --> 00:24:42.045 have  
NOTE Confidence: 0.96939754  
00:24:42.345 --> 00:24:44.744 chemotherapy, chemo radiation, and then  
NOTE Confidence: 0.96939754  
00:24:44.744 --> 00:24:45.565 go to surgery.  
NOTE Confidence: 0.99890816  
00:24:45.945 --> 00:24:47.885 But what we're also finding  
NOTE Confidence: 0.9991859  
00:24:48.185 --> 00:24:48.925 is that  
NOTE Confidence: 0.99054146  
00:24:49.225 --> 00:24:51.540 we might actually be curing  
NOTE Confidence: 0.99054146  
00:24:51.540 --> 00:24:53.060 some of these patients with  
NOTE Confidence: 0.99054146  
00:24:53.060 --> 00:24:55.240 chemotherapy and chemo radiation alone.  
NOTE Confidence: 0.98431534  
00:24:55.700 --> 00:24:57.060 This is a small subset  
NOTE Confidence: 0.98431534

00:24:57.060 --> 00:24:58.180 of patients, and we're still  
NOTE Confidence: 0.98431534

00:24:58.180 --> 00:24:59.220 trying to figure out who  
NOTE Confidence: 0.98431534

00:24:59.220 --> 00:24:59.880 that is,  
NOTE Confidence: 0.95280266

00:25:00.260 --> 00:25:01.220 but we are doing a  
NOTE Confidence: 0.95280266

00:25:01.220 --> 00:25:02.600 lot of work in studying  
NOTE Confidence: 0.95280266

00:25:02.660 --> 00:25:04.275 the watch and wait strategy.  
NOTE Confidence: 0.95280266

00:25:04.275 --> 00:25:06.115 So treating with chemo and  
NOTE Confidence: 0.95280266

00:25:06.115 --> 00:25:06.935 chemo radiation,  
NOTE Confidence: 0.9987203

00:25:07.635 --> 00:25:08.295 and then  
NOTE Confidence: 0.9884644

00:25:08.675 --> 00:25:10.775 delaying surgery and just following  
NOTE Confidence: 0.9884644

00:25:10.915 --> 00:25:12.915 with scans and scopes very  
NOTE Confidence: 0.9884644

00:25:12.915 --> 00:25:14.595 closely to see whether or  
NOTE Confidence: 0.9884644

00:25:14.595 --> 00:25:15.795 not there's a recurrence of  
NOTE Confidence: 0.9884644

00:25:15.795 --> 00:25:16.455 this disease.  
NOTE Confidence: 0.9898739

00:25:17.100 --> 00:25:18.140 So let's circle back with  
NOTE Confidence: 0.9898739

00:25:18.140 --> 00:25:19.340 our patient and see what

NOTE Confidence: 0.9898739

00:25:19.340 --> 00:25:21.100 happened with him. So our

NOTE Confidence: 0.9898739

00:25:21.100 --> 00:25:23.179 patient did begin this total

NOTE Confidence: 0.9898739

00:25:23.179 --> 00:25:25.200 neoadjuvant therapy or TNT

NOTE Confidence: 0.99941945

00:25:25.660 --> 00:25:26.160 strategy

NOTE Confidence: 0.8078652

00:25:26.859 --> 00:25:28.240 starting with chemoradiation,

NOTE Confidence: 0.9991546

00:25:28.940 --> 00:25:30.815 meaning that while he was

NOTE Confidence: 0.9991546

00:25:30.815 --> 00:25:31.315 getting

NOTE Confidence: 0.9991824

00:25:31.775 --> 00:25:33.695 radiation doses, he was also

NOTE Confidence: 0.9991824

00:25:33.695 --> 00:25:34.595 taking a chemotherapy

NOTE Confidence: 0.9799625

00:25:34.895 --> 00:25:36.195 pill called Xeloda.

NOTE Confidence: 0.97690266

00:25:36.895 --> 00:25:38.195 When he finished the radiation,

NOTE Confidence: 0.97690266

00:25:38.255 --> 00:25:39.695 they got some scans, which

NOTE Confidence: 0.97690266

00:25:39.695 --> 00:25:41.055 showed that he had a

NOTE Confidence: 0.97690266

00:25:41.055 --> 00:25:41.795 good response,

NOTE Confidence: 0.9939626

00:25:42.250 --> 00:25:43.529 and they moved to that

NOTE Confidence: 0.9939626

00:25:43.529 --> 00:25:45.230 next part of the TNT  
NOTE Confidence: 0.9939626

00:25:45.369 --> 00:25:46.990 strategy, which is the chemotherapy.  
NOTE Confidence: 0.9894888

00:25:48.010 --> 00:25:49.869 He received our standard chemotherapy  
NOTE Confidence: 0.9894888

00:25:50.010 --> 00:25:51.850 regimen, which is called FOLFOX,  
NOTE Confidence: 0.9894888

00:25:51.850 --> 00:25:52.809 and I won't get into  
NOTE Confidence: 0.9894888

00:25:52.809 --> 00:25:54.169 more details about that right  
NOTE Confidence: 0.9894888

00:25:54.169 --> 00:25:54.645 now.  
NOTE Confidence: 0.9996164

00:25:55.125 --> 00:25:56.345 But after completing  
NOTE Confidence: 0.9997625

00:25:56.645 --> 00:25:58.025 both of those components,  
NOTE Confidence: 0.90259475

00:25:58.565 --> 00:25:59.765 his PET scans show that  
NOTE Confidence: 0.90259475

00:25:59.765 --> 00:26:01.785 he had no residual disease.  
NOTE Confidence: 0.9990302

00:26:02.325 --> 00:26:03.545 He got MRIs  
NOTE Confidence: 0.9580998

00:26:04.085 --> 00:26:05.685 as well, and this continued  
NOTE Confidence: 0.9580998

00:26:05.685 --> 00:26:06.645 to show that he had  
NOTE Confidence: 0.9580998

00:26:06.645 --> 00:26:08.505 a com an excellent response  
NOTE Confidence: 0.9580998

00:26:08.565 --> 00:26:09.465 to the TNT.

NOTE Confidence: 0.99777585

00:26:10.460 --> 00:26:12.060 And based on discussing with

NOTE Confidence: 0.99777585

00:26:12.060 --> 00:26:14.000 the oncologists and the colorectal

NOTE Confidence: 0.99777585

00:26:14.220 --> 00:26:14.720 surgeons,

NOTE Confidence: 0.97670764

00:26:15.180 --> 00:26:16.460 they decided to proceed with

NOTE Confidence: 0.97670764

00:26:16.460 --> 00:26:17.840 this wash and wait strategy,

NOTE Confidence: 0.9850757

00:26:18.540 --> 00:26:21.100 with, proceeding without surgery and

NOTE Confidence: 0.9850757

00:26:21.100 --> 00:26:22.320 having close surveillance.

NOTE Confidence: 0.940509

00:26:23.135 --> 00:26:24.415 So first, as of right

NOTE Confidence: 0.940509

00:26:24.415 --> 00:26:25.235 now, surveillance,

NOTE Confidence: 0.98470116

00:26:25.615 --> 00:26:27.635 for colorectal cancer upon,

NOTE Confidence: 0.99831235

00:26:28.335 --> 00:26:28.835 completing

NOTE Confidence: 0.97237045

00:26:29.375 --> 00:26:30.835 curative intent treatment

NOTE Confidence: 0.9899743

00:26:31.215 --> 00:26:33.535 is following for five years

NOTE Confidence: 0.9899743

00:26:33.535 --> 00:26:34.035 with,

NOTE Confidence: 0.9309565

00:26:34.575 --> 00:26:36.975 physical exams and HMPs as

NOTE Confidence: 0.9309565

00:26:36.975 --> 00:26:39.230 well as labs, imaging, and  
NOTE Confidence: 0.9309565

00:26:39.230 --> 00:26:39.730 endoscopies  
NOTE Confidence: 0.9981739

00:26:40.190 --> 00:26:40.850 as well.  
NOTE Confidence: 0.96993273

00:26:43.230 --> 00:26:44.430 There's just one more point  
NOTE Confidence: 0.96993273

00:26:44.430 --> 00:26:45.230 that I wanna make, and  
NOTE Confidence: 0.96993273

00:26:45.230 --> 00:26:46.030 this is going back to  
NOTE Confidence: 0.96993273

00:26:46.030 --> 00:26:47.470 the asterisk that I had  
NOTE Confidence: 0.96993273

00:26:47.470 --> 00:26:48.770 discussed about earlier.  
NOTE Confidence: 0.989503

00:26:49.150 --> 00:26:50.350 And that's about the role  
NOTE Confidence: 0.989503

00:26:50.350 --> 00:26:51.250 of immunotherapy  
NOTE Confidence: 0.92018354

00:26:51.915 --> 00:26:52.895 in localized  
NOTE Confidence: 0.89717215

00:26:53.435 --> 00:26:55.215 and locally advanced rectal cancer.  
NOTE Confidence: 0.84462154

00:26:55.595 --> 00:26:57.775 So you might've seen these,  
NOTE Confidence: 0.91151077

00:26:58.475 --> 00:27:00.155 major articles come out in  
NOTE Confidence: 0.91151077

00:27:00.155 --> 00:27:01.435 the New York Times and  
NOTE Confidence: 0.91151077

00:27:01.435 --> 00:27:02.575 other new sources,

NOTE Confidence: 0.78880966  
00:27:03.755 --> 00:27:04.675 showing some dramatic responses that  
NOTE Confidence: 0.78880966  
00:27:04.675 --> 00:27:05.535 we've seen for a subset  
NOTE Confidence: 0.96468323  
00:27:05.835 --> 00:27:07.869 of responses that we've seen  
NOTE Confidence: 0.997135  
00:27:08.409 --> 00:27:09.470 for a subset  
NOTE Confidence: 0.9933853  
00:27:09.929 --> 00:27:11.450 of patients who have rectal  
NOTE Confidence: 0.9933853  
00:27:11.450 --> 00:27:13.529 cancer that are deficient in  
NOTE Confidence: 0.9933853  
00:27:13.529 --> 00:27:15.309 what we call mismatch repair  
NOTE Confidence: 0.9933853  
00:27:15.369 --> 00:27:15.869 proteins.  
NOTE Confidence: 0.98169523  
00:27:16.570 --> 00:27:17.769 This means that they have  
NOTE Confidence: 0.98169523  
00:27:17.769 --> 00:27:19.769 more DNA damage in their  
NOTE Confidence: 0.98169523  
00:27:19.769 --> 00:27:20.269 cancers,  
NOTE Confidence: 0.9732356  
00:27:21.005 --> 00:27:22.765 and therefore, they might be  
NOTE Confidence: 0.9732356  
00:27:22.765 --> 00:27:25.085 more likely to respond to  
NOTE Confidence: 0.9732356  
00:27:25.085 --> 00:27:26.145 an immunotherapy  
NOTE Confidence: 0.88413405  
00:27:26.605 --> 00:27:26.925 based,  
NOTE Confidence: 0.9657569

00:27:27.805 --> 00:27:28.305 approach.  
NOTE Confidence: 0.999761

00:27:29.005 --> 00:27:30.845 And there was this really  
NOTE Confidence: 0.999761

00:27:30.845 --> 00:27:32.945 remarkable trial that came out  
NOTE Confidence: 0.9951695

00:27:33.245 --> 00:27:34.750 that showed that of the  
NOTE Confidence: 0.9951695

00:27:34.750 --> 00:27:36.429 forty nine patients who had  
NOTE Confidence: 0.9951695

00:27:36.429 --> 00:27:38.289 rectal cancer with this mismatch  
NOTE Confidence: 0.9951695

00:27:38.350 --> 00:27:39.890 repair protein deficiency,  
NOTE Confidence: 0.99866104

00:27:40.669 --> 00:27:42.049 they all had a clinical  
NOTE Confidence: 0.99866104

00:27:42.190 --> 00:27:43.890 complete response to the immunotherapy  
NOTE Confidence: 0.973215

00:27:44.590 --> 00:27:46.289 alone, and that is without  
NOTE Confidence: 0.973215

00:27:46.429 --> 00:27:47.730 having any chemotherapy,  
NOTE Confidence: 0.94431275

00:27:48.615 --> 00:27:49.355 any radiation,  
NOTE Confidence: 0.965371

00:27:50.055 --> 00:27:50.795 or any,  
NOTE Confidence: 0.996082

00:27:51.255 --> 00:27:53.175 surgery on, to remove their  
NOTE Confidence: 0.996082

00:27:53.175 --> 00:27:55.035 initial rectal cancer tumor.  
NOTE Confidence: 0.95883596

00:27:55.494 --> 00:27:56.775 So I think that this

NOTE Confidence: 0.95883596  
00:27:56.775 --> 00:27:58.215 has been a really exciting  
NOTE Confidence: 0.95883596  
00:27:58.215 --> 00:27:59.895 finding and is just a  
NOTE Confidence: 0.95883596  
00:27:59.895 --> 00:28:01.415 a taste of what's next  
NOTE Confidence: 0.95883596  
00:28:01.415 --> 00:28:03.050 to come. But this comes  
NOTE Confidence: 0.95883596  
00:28:03.050 --> 00:28:04.490 back to the fact that  
NOTE Confidence: 0.95883596  
00:28:04.490 --> 00:28:06.190 on our initial diagnosis  
NOTE Confidence: 0.99880284  
00:28:06.570 --> 00:28:07.869 of rectal cancer,  
NOTE Confidence: 0.9995093  
00:28:08.170 --> 00:28:09.450 we want to get that  
NOTE Confidence: 0.9995093  
00:28:09.450 --> 00:28:10.970 information to know whether or  
NOTE Confidence: 0.9995093  
00:28:10.970 --> 00:28:11.690 not they might be a  
NOTE Confidence: 0.9995093  
00:28:11.690 --> 00:28:12.910 candidate for immunotherapy.  
NOTE Confidence: 0.94248277  
00:28:15.585 --> 00:28:17.025 Excellent points, Dejal, and thank  
NOTE Confidence: 0.94248277  
00:28:17.025 --> 00:28:18.325 you so much. And just  
NOTE Confidence: 0.98106116  
00:28:18.865 --> 00:28:20.065 to gently wrap up this  
NOTE Confidence: 0.98106116  
00:28:20.065 --> 00:28:20.565 case,  
NOTE Confidence: 0.9260497

00:28:21.105 --> 00:28:22.565 some key points again,  
NOTE Confidence: 0.97504014

00:28:23.025 --> 00:28:24.625 do not dismiss mild rectal  
NOTE Confidence: 0.97504014

00:28:24.625 --> 00:28:27.289 bleeding, needs, close follow-up. Again,  
NOTE Confidence: 0.97504014

00:28:27.289 --> 00:28:28.590 this is where we're transitioning  
NOTE Confidence: 0.97504014

00:28:28.650 --> 00:28:30.270 from just screening to diagnostic.  
NOTE Confidence: 0.97504014

00:28:30.490 --> 00:28:30.990 Right?  
NOTE Confidence: 0.9950423

00:28:31.929 --> 00:28:33.450 Ensure patients are screened at  
NOTE Confidence: 0.9950423

00:28:33.450 --> 00:28:34.350 adequate intervals.  
NOTE Confidence: 0.9525329

00:28:34.890 --> 00:28:36.890 Thankfully, this patient was. But,  
NOTE Confidence: 0.9525329

00:28:36.890 --> 00:28:38.409 again, we need to change  
NOTE Confidence: 0.9525329

00:28:38.409 --> 00:28:39.789 our modality to diagnostic.  
NOTE Confidence: 0.9782725

00:28:41.015 --> 00:28:42.855 Collaborate with our specialist colleagues  
NOTE Confidence: 0.9782725

00:28:42.855 --> 00:28:44.375 if there are suspicious findings  
NOTE Confidence: 0.9782725

00:28:44.375 --> 00:28:45.034 or history,  
NOTE Confidence: 0.98261726

00:28:45.335 --> 00:28:47.034 and early detection of colorectal  
NOTE Confidence: 0.98261726

00:28:47.095 --> 00:28:48.534 cancer is key for treatment

NOTE Confidence: 0.98261726  
00:28:48.534 --> 00:28:49.595 options and survival.  
NOTE Confidence: 0.8059466  
00:28:50.375 --> 00:28:50.875 Okay.  
NOTE Confidence: 0.9939048  
00:28:51.335 --> 00:28:52.774 And with that, we'll move  
NOTE Confidence: 0.9939048  
00:28:52.774 --> 00:28:53.894 on to our next case,  
NOTE Confidence: 0.9939048  
00:28:53.894 --> 00:28:54.394 please.  
NOTE Confidence: 0.987595  
00:28:55.450 --> 00:28:57.050 So case two will be,  
NOTE Confidence: 0.987595  
00:28:57.530 --> 00:28:58.730 based more so on a  
NOTE Confidence: 0.987595  
00:28:58.730 --> 00:29:00.110 suspicious family history.  
NOTE Confidence: 0.9404484  
00:29:00.810 --> 00:29:02.170 So here we have a  
NOTE Confidence: 0.9404484  
00:29:02.170 --> 00:29:03.470 twenty five year old female,  
NOTE Confidence: 0.9404484  
00:29:03.530 --> 00:29:05.210 well, with no significant past  
NOTE Confidence: 0.9404484  
00:29:05.210 --> 00:29:07.630 medical history, except mild GERD,  
NOTE Confidence: 0.9554417  
00:29:08.010 --> 00:29:08.510 controlled,  
NOTE Confidence: 0.9953284  
00:29:08.914 --> 00:29:10.434 presents for a routine physical  
NOTE Confidence: 0.9953284  
00:29:10.434 --> 00:29:10.934 appointment.  
NOTE Confidence: 0.9722953

00:29:11.635 --> 00:29:13.414 As far as active problems,  
NOTE Confidence: 0.9722953

00:29:13.554 --> 00:29:14.054 none.  
NOTE Confidence: 0.9809519

00:29:14.355 --> 00:29:16.455 Medication wise, PPI, PRN,  
NOTE Confidence: 0.9507372

00:29:17.154 --> 00:29:19.335 no social history, no habits,  
NOTE Confidence: 0.82158136

00:29:19.794 --> 00:29:20.855 smoking or  
NOTE Confidence: 0.9987581

00:29:21.570 --> 00:29:22.070 alcohol  
NOTE Confidence: 0.6917003

00:29:22.529 --> 00:29:24.549 occupational wise, teacher.  
NOTE Confidence: 0.9866668

00:29:25.010 --> 00:29:26.210 But, we do see there's  
NOTE Confidence: 0.9866668

00:29:26.210 --> 00:29:27.649 a family history of multiple  
NOTE Confidence: 0.9866668

00:29:27.649 --> 00:29:29.730 colonic polyps in mother diagnosed  
NOTE Confidence: 0.9866668

00:29:29.730 --> 00:29:30.870 at age forty.  
NOTE Confidence: 0.98829144

00:29:32.769 --> 00:29:34.309 So at this point,  
NOTE Confidence: 0.9666459

00:29:34.929 --> 00:29:35.970 some questions, if we could  
NOTE Confidence: 0.9666459

00:29:35.970 --> 00:29:37.095 go to the next slide,  
NOTE Confidence: 0.9666459

00:29:37.174 --> 00:29:37.575 please, is,  
NOTE Confidence: 0.96593386

00:29:38.934 --> 00:29:40.715 what what are some outstanding

NOTE Confidence: 0.96593386  
00:29:40.934 --> 00:29:42.294 parts from our history that  
NOTE Confidence: 0.96593386  
00:29:42.294 --> 00:29:43.335 are standing out to us?  
NOTE Confidence: 0.96593386  
00:29:43.335 --> 00:29:44.455 So, Shavir, I'd like to  
NOTE Confidence: 0.96593386  
00:29:44.455 --> 00:29:45.255 hand off to you for  
NOTE Confidence: 0.96593386  
00:29:45.255 --> 00:29:46.695 this, please. Yeah. I think  
NOTE Confidence: 0.96593386  
00:29:46.695 --> 00:29:48.135 the first, thing they would  
NOTE Confidence: 0.96593386  
00:29:48.135 --> 00:29:49.015 like to say is that  
NOTE Confidence: 0.96593386  
00:29:49.015 --> 00:29:49.835 we, gastroenterology,  
NOTE Confidence: 0.9338315  
00:29:50.215 --> 00:29:51.095 should be a better job  
NOTE Confidence: 0.9338315  
00:29:51.095 --> 00:29:52.800 many times at saying,  
NOTE Confidence: 0.94279027  
00:29:53.660 --> 00:29:55.020 polyps and how many polyps  
NOTE Confidence: 0.94279027  
00:29:55.020 --> 00:29:56.240 we find. We often  
NOTE Confidence: 0.9602797  
00:29:56.540 --> 00:29:58.620 describe multiple, and multiple for  
NOTE Confidence: 0.9602797  
00:29:58.620 --> 00:30:00.140 everyone, it mean may mean  
NOTE Confidence: 0.9602797  
00:30:00.140 --> 00:30:01.740 a different number. So really,  
NOTE Confidence: 0.9602797

00:30:01.740 --> 00:30:02.860 it's not the same to  
NOTE Confidence: 0.9602797

00:30:02.860 --> 00:30:04.860 have seen, seven polyps, which  
NOTE Confidence: 0.9602797

00:30:04.860 --> 00:30:06.400 for someone can be multiple  
NOTE Confidence: 0.9602797

00:30:06.695 --> 00:30:08.155 over the years versus,  
NOTE Confidence: 0.9830866

00:30:08.855 --> 00:30:09.995 twenty five polyps.  
NOTE Confidence: 0.977505

00:30:10.695 --> 00:30:11.895 So we really have to  
NOTE Confidence: 0.977505

00:30:11.895 --> 00:30:13.434 be much more specific.  
NOTE Confidence: 0.9647586

00:30:13.815 --> 00:30:15.575 It'll be important because the  
NOTE Confidence: 0.9647586

00:30:15.655 --> 00:30:16.855 our patient really has not  
NOTE Confidence: 0.9647586

00:30:16.855 --> 00:30:18.054 had anything. It's all based  
NOTE Confidence: 0.9647586

00:30:18.054 --> 00:30:19.175 on family history. It'll be  
NOTE Confidence: 0.9647586

00:30:19.175 --> 00:30:20.429 important to know that did  
NOTE Confidence: 0.9647586

00:30:20.429 --> 00:30:22.029 mom have also colorectal cancer,  
NOTE Confidence: 0.9647586

00:30:22.029 --> 00:30:23.309 just polyps, how many and  
NOTE Confidence: 0.9647586

00:30:23.309 --> 00:30:24.590 all that? Did she have  
NOTE Confidence: 0.9647586

00:30:24.590 --> 00:30:25.490 genetic testing?

NOTE Confidence: 0.9872161  
00:30:25.870 --> 00:30:26.110 And,  
NOTE Confidence: 0.8704047  
00:30:26.830 --> 00:30:28.850 key quick key key questions  
NOTE Confidence: 0.8704047  
00:30:28.990 --> 00:30:29.950 is, again, is like how  
NOTE Confidence: 0.8704047  
00:30:29.950 --> 00:30:31.230 many polyps, what type of  
NOTE Confidence: 0.8704047  
00:30:31.230 --> 00:30:32.835 polyps, whether some of them  
NOTE Confidence: 0.8704047  
00:30:33.154 --> 00:30:34.595 advanced was the patient young  
NOTE Confidence: 0.8704047  
00:30:34.595 --> 00:30:36.515 at, or mother, young at  
NOTE Confidence: 0.8704047  
00:30:36.515 --> 00:30:39.154 diagnosis of, those polyps. And,  
NOTE Confidence: 0.8704047  
00:30:39.154 --> 00:30:40.434 again, did she have genetic  
NOTE Confidence: 0.8704047  
00:30:40.434 --> 00:30:41.414 testing? Really,  
NOTE Confidence: 0.9554564  
00:30:42.115 --> 00:30:43.715 getting information from mom may  
NOTE Confidence: 0.9554564  
00:30:43.715 --> 00:30:44.995 be very, very important on  
NOTE Confidence: 0.9554564  
00:30:44.995 --> 00:30:46.054 how we address  
NOTE Confidence: 0.959555  
00:30:47.580 --> 00:30:49.040 next steps for this patient.  
NOTE Confidence: 0.9798488  
00:30:51.660 --> 00:30:53.340 If we're looking at, someone  
NOTE Confidence: 0.9798488

00:30:53.340 --> 00:30:54.780 who's developed at least ten,  
NOTE Confidence: 0.9798488

00:30:54.780 --> 00:30:55.280 fifteen,  
NOTE Confidence: 0.97467566

00:30:56.300 --> 00:30:57.900 adenomas or other types of  
NOTE Confidence: 0.97467566

00:30:57.900 --> 00:30:59.685 polyps, then we really have  
NOTE Confidence: 0.97467566

00:30:59.685 --> 00:31:01.305 to, rule out a hereditary  
NOTE Confidence: 0.97467566

00:31:01.365 --> 00:31:03.225 condition. Now we we have  
NOTE Confidence: 0.90880364

00:31:03.765 --> 00:31:04.565 a a a list of  
NOTE Confidence: 0.90880364

00:31:04.565 --> 00:31:05.945 genes that have been associated  
NOTE Confidence: 0.90880364

00:31:06.165 --> 00:31:06.905 and beyond,  
NOTE Confidence: 0.97252667

00:31:07.525 --> 00:31:09.305 the the very first one  
NOTE Confidence: 0.97252667

00:31:09.365 --> 00:31:11.545 described, like, which was APC.  
NOTE Confidence: 0.97252667

00:31:11.605 --> 00:31:12.885 Now we have a variety  
NOTE Confidence: 0.97252667

00:31:12.885 --> 00:31:13.685 of them, and some of  
NOTE Confidence: 0.97252667

00:31:13.685 --> 00:31:14.185 them,  
NOTE Confidence: 0.978666

00:31:14.650 --> 00:31:16.270 are inherited in an autosomal  
NOTE Confidence: 0.978666

00:31:16.490 --> 00:31:17.850 recessive manner. So you do

NOTE Confidence: 0.978666  
00:31:17.850 --> 00:31:19.210 need two copies of,  
NOTE Confidence: 0.93509305  
00:31:19.690 --> 00:31:21.130 mutated gene, and and in  
NOTE Confidence: 0.93509305  
00:31:21.130 --> 00:31:22.410 that case, mom and dad  
NOTE Confidence: 0.93509305  
00:31:22.410 --> 00:31:24.250 usually won't have polyposis and  
NOTE Confidence: 0.93509305  
00:31:24.250 --> 00:31:26.010 cancer. So it may seem  
NOTE Confidence: 0.93509305  
00:31:26.010 --> 00:31:27.690 like it skipped generations. So  
NOTE Confidence: 0.93509305  
00:31:27.690 --> 00:31:29.370 important that, yeah, we're not  
NOTE Confidence: 0.93509305  
00:31:29.530 --> 00:31:30.225 we may not,  
NOTE Confidence: 0.98549294  
00:31:30.705 --> 00:31:31.765 we may have these  
NOTE Confidence: 0.87461793  
00:31:32.225 --> 00:31:33.424 situations with,  
NOTE Confidence: 0.97017884  
00:31:33.985 --> 00:31:34.485 with,  
NOTE Confidence: 0.9760468  
00:31:35.265 --> 00:31:37.125 the generation just above having  
NOTE Confidence: 0.9760468  
00:31:37.424 --> 00:31:40.065 no polyposis, no colorectal cancer  
NOTE Confidence: 0.9760468  
00:31:40.065 --> 00:31:41.345 history at all. So, again,  
NOTE Confidence: 0.9760468  
00:31:41.345 --> 00:31:42.225 we do have,  
NOTE Confidence: 0.9146848

00:31:42.625 --> 00:31:43.265 many more,  
NOTE Confidence: 0.9794588

00:31:44.190 --> 00:31:45.389 situations that are not the  
NOTE Confidence: 0.9794588

00:31:45.389 --> 00:31:45.889 typical,  
NOTE Confidence: 0.953669

00:31:46.510 --> 00:31:47.710 one that are associated with  
NOTE Confidence: 0.953669

00:31:47.710 --> 00:31:49.630 an autosomal dominant pattern. And,  
NOTE Confidence: 0.953669

00:31:49.630 --> 00:31:51.389 also, there are, some de  
NOTE Confidence: 0.953669

00:31:51.389 --> 00:31:53.070 novo mutations in APC up  
NOTE Confidence: 0.953669

00:31:53.070 --> 00:31:54.590 to twenty five percent. So  
NOTE Confidence: 0.953669

00:31:54.590 --> 00:31:55.870 may have no family history  
NOTE Confidence: 0.953669

00:31:55.870 --> 00:31:56.750 at all, and all of  
NOTE Confidence: 0.953669

00:31:56.750 --> 00:31:58.225 a sudden, here we have  
NOTE Confidence: 0.953669

00:31:58.225 --> 00:31:59.905 a new polyposis case. If  
NOTE Confidence: 0.953669

00:31:59.905 --> 00:32:00.705 we can move on to  
NOTE Confidence: 0.953669

00:32:00.705 --> 00:32:01.525 next one,  
NOTE Confidence: 0.9722947

00:32:02.625 --> 00:32:04.465 besides those genetic ones, and  
NOTE Confidence: 0.9722947

00:32:04.465 --> 00:32:05.664 I would skip the CPU

NOTE Confidence: 0.9722947

00:32:05.664 --> 00:32:06.625 one, we can,

NOTE Confidence: 0.93345946

00:32:07.025 --> 00:32:09.025 with, it's important also to,

NOTE Confidence: 0.7348595

00:32:10.145 --> 00:32:11.525 notice about the

NOTE Confidence: 0.9367051

00:32:12.090 --> 00:32:13.950 potential prior history of

NOTE Confidence: 0.96652

00:32:14.490 --> 00:32:16.750 chemotherapy and or radiation therapy,

NOTE Confidence: 0.96652

00:32:16.809 --> 00:32:18.730 particularly during childhood and young

NOTE Confidence: 0.96652

00:32:18.730 --> 00:32:21.049 adulthood, and that's been, associated

NOTE Confidence: 0.96652

00:32:21.049 --> 00:32:22.170 with what we call therapy

NOTE Confidence: 0.96652

00:32:22.170 --> 00:32:24.375 associated polyposis, which often is

NOTE Confidence: 0.96652

00:32:24.375 --> 00:32:26.055 a, kind of mixed pattern

NOTE Confidence: 0.96652

00:32:26.055 --> 00:32:27.835 of adenomas and serrated polyps.

NOTE Confidence: 0.96652

00:32:27.895 --> 00:32:29.015 So important to ask for

NOTE Confidence: 0.96652

00:32:29.015 --> 00:32:29.755 that information.

NOTE Confidence: 0.98182184

00:32:30.535 --> 00:32:31.995 Next one is serrated polyposis

NOTE Confidence: 0.98182184

00:32:32.055 --> 00:32:33.515 syndrome. Most of the time,

NOTE Confidence: 0.9284704

00:32:34.375 --> 00:32:34.855 not,  
NOTE Confidence: 0.82953626

00:32:35.255 --> 00:32:36.555 associated with known,  
NOTE Confidence: 0.96320045

00:32:38.130 --> 00:32:40.130 genetic conditions, and this is  
NOTE Confidence: 0.96320045

00:32:40.130 --> 00:32:41.670 more, based on clinical  
NOTE Confidence: 0.83878505

00:32:41.970 --> 00:32:42.470 criteria.  
NOTE Confidence: 0.97290593

00:32:42.850 --> 00:32:44.150 But it does have implications  
NOTE Confidence: 0.97290593

00:32:44.290 --> 00:32:45.570 in terms of cancer risk  
NOTE Confidence: 0.97290593

00:32:45.570 --> 00:32:46.770 for the patients, but also  
NOTE Confidence: 0.97290593

00:32:46.770 --> 00:32:48.690 so for first degree family  
NOTE Confidence: 0.97290593

00:32:48.690 --> 00:32:50.130 members. So it's important that  
NOTE Confidence: 0.97290593

00:32:50.130 --> 00:32:51.410 we understand what types of  
NOTE Confidence: 0.97290593

00:32:51.410 --> 00:32:52.625 polyps there are and make  
NOTE Confidence: 0.97290593

00:32:52.625 --> 00:32:54.385 sure, is it a serrated  
NOTE Confidence: 0.97290593

00:32:54.385 --> 00:32:55.825 polyposis or not. And going  
NOTE Confidence: 0.97290593

00:32:55.825 --> 00:32:56.645 back to the,  
NOTE Confidence: 0.9126413

00:32:56.945 --> 00:32:59.665 first scenario, CPOE, that's that's,

NOTE Confidence: 0.9126413

00:32:59.905 --> 00:33:01.985 colonic polyposis of known etiology,

NOTE Confidence: 0.9126413

00:33:01.985 --> 00:33:03.585 and we call those once

NOTE Confidence: 0.9126413

00:33:03.585 --> 00:33:04.485 we've really seen

NOTE Confidence: 0.9746408

00:33:05.640 --> 00:33:07.480 an individual with polyposis with

NOTE Confidence: 0.9746408

00:33:07.480 --> 00:33:10.220 really no evidence of, any

NOTE Confidence: 0.9746408

00:33:10.280 --> 00:33:11.880 genetic mutations in the genes

NOTE Confidence: 0.9746408

00:33:11.880 --> 00:33:13.400 that are commonly associated with

NOTE Confidence: 0.9746408

00:33:13.400 --> 00:33:15.400 polyposis and colorectal cancer. In

NOTE Confidence: 0.9746408

00:33:15.400 --> 00:33:16.920 all those cases too, family

NOTE Confidence: 0.9746408

00:33:16.920 --> 00:33:17.420 members

NOTE Confidence: 0.97591203

00:33:17.800 --> 00:33:19.035 do have a higher risk.

NOTE Confidence: 0.97591203

00:33:19.115 --> 00:33:20.395 So it is important that

NOTE Confidence: 0.97591203

00:33:20.395 --> 00:33:21.915 we kind of, label these

NOTE Confidence: 0.97591203

00:33:21.915 --> 00:33:23.675 cases as appropriate as possible

NOTE Confidence: 0.97591203

00:33:23.675 --> 00:33:25.055 because it does have implications

NOTE Confidence: 0.9514333

00:33:25.515 --> 00:33:26.635 not only for our patients  
NOTE Confidence: 0.9514333

00:33:26.635 --> 00:33:28.155 but for family members. So  
NOTE Confidence: 0.9514333

00:33:28.155 --> 00:33:29.355 important to gather all that  
NOTE Confidence: 0.9514333

00:33:29.355 --> 00:33:30.875 information if we know, if  
NOTE Confidence: 0.9514333

00:33:30.875 --> 00:33:31.195 we,  
NOTE Confidence: 0.9713364

00:33:31.675 --> 00:33:33.035 want to understand better how  
NOTE Confidence: 0.9713364

00:33:33.035 --> 00:33:34.950 to address the, the patient  
NOTE Confidence: 0.9713364

00:33:34.950 --> 00:33:36.250 that we're talking about.  
NOTE Confidence: 0.9465657

00:33:38.150 --> 00:33:40.070 And and, very, very important,  
NOTE Confidence: 0.9465657

00:33:40.070 --> 00:33:41.190 and I think that skips  
NOTE Confidence: 0.9465657

00:33:41.190 --> 00:33:42.490 so many of us,  
NOTE Confidence: 0.99950045

00:33:42.870 --> 00:33:43.929 which is that  
NOTE Confidence: 0.9548108

00:33:44.549 --> 00:33:45.590 even if there are not  
NOTE Confidence: 0.9548108

00:33:45.590 --> 00:33:46.789 that many polyps, but if  
NOTE Confidence: 0.9548108

00:33:46.789 --> 00:33:48.495 there was an advanced polyp.  
NOTE Confidence: 0.9548108

00:33:48.495 --> 00:33:49.695 And how we what we

NOTE Confidence: 0.9548108

00:33:49.695 --> 00:33:51.375 call advanced is, having an

NOTE Confidence: 0.9548108

00:33:51.375 --> 00:33:52.275 adenoma that's

NOTE Confidence: 0.98117644

00:33:52.735 --> 00:33:54.035 larger than one centimeter,

NOTE Confidence: 0.82924926

00:33:54.415 --> 00:33:56.035 adenoma with high grade dysplasia

NOTE Confidence: 0.82924926

00:33:56.175 --> 00:33:58.515 or villous bill tubular adenoma,

NOTE Confidence: 0.84047705

00:34:00.540 --> 00:34:01.600 traditional serrated,

NOTE Confidence: 0.9282068

00:34:02.060 --> 00:34:04.060 adenoma, or advanced sal serrated

NOTE Confidence: 0.9282068

00:34:04.060 --> 00:34:05.820 polyps. All those ones, just

NOTE Confidence: 0.9282068

00:34:05.820 --> 00:34:07.580 having a first degree relative

NOTE Confidence: 0.9282068

00:34:07.580 --> 00:34:09.340 who has had at least

NOTE Confidence: 0.9282068

00:34:09.340 --> 00:34:10.700 one of those put it

NOTE Confidence: 0.9282068

00:34:10.700 --> 00:34:11.739 as a higher risk, and,

NOTE Confidence: 0.9282068

00:34:11.739 --> 00:34:13.605 actually, guidelines are calling for

NOTE Confidence: 0.9282068

00:34:13.765 --> 00:34:15.525 starting colorectal cancer screening at

NOTE Confidence: 0.9282068

00:34:15.525 --> 00:34:16.585 an earlier age,

NOTE Confidence: 0.9563581

00:34:16.885 --> 00:34:18.405 age forty, or whenever the  
NOTE Confidence: 0.9563581

00:34:18.405 --> 00:34:19.685 diagnosis was made in that  
NOTE Confidence: 0.9563581

00:34:19.685 --> 00:34:21.225 family member. So that's  
NOTE Confidence: 0.9341919

00:34:21.605 --> 00:34:22.965 how important it is that  
NOTE Confidence: 0.9341919

00:34:22.965 --> 00:34:24.405 we know even if our  
NOTE Confidence: 0.9341919

00:34:24.405 --> 00:34:25.950 family member has had just  
NOTE Confidence: 0.9341919

00:34:25.950 --> 00:34:27.070 two polyps and is like,  
NOTE Confidence: 0.9341919

00:34:27.070 --> 00:34:28.349 okay. Well, big deal. Well,  
NOTE Confidence: 0.9341919

00:34:28.349 --> 00:34:29.969 no actually can have implications  
NOTE Confidence: 0.9341919

00:34:30.109 --> 00:34:31.630 on how we approach screening  
NOTE Confidence: 0.9341919

00:34:31.630 --> 00:34:33.730 for our family members. So  
NOTE Confidence: 0.9341919

00:34:33.869 --> 00:34:35.310 very, very important, number one,  
NOTE Confidence: 0.9341919

00:34:35.310 --> 00:34:36.910 as physicians to provide that  
NOTE Confidence: 0.9341919

00:34:36.910 --> 00:34:38.450 information to our patients  
NOTE Confidence: 0.99560624

00:34:38.864 --> 00:34:40.145 and and make them understand  
NOTE Confidence: 0.99560624

00:34:40.145 --> 00:34:41.665 that that has implications for,

NOTE Confidence: 0.99560624  
00:34:41.985 --> 00:34:42.585 for their,  
NOTE Confidence: 0.9967702  
00:34:43.665 --> 00:34:44.165 relatives.  
NOTE Confidence: 0.966663  
00:34:47.665 --> 00:34:49.185 Ben, thank you so much,  
NOTE Confidence: 0.966663  
00:34:49.265 --> 00:34:50.625 Javier. As you're saying that,  
NOTE Confidence: 0.966663  
00:34:50.785 --> 00:34:51.505 you know, I was writing  
NOTE Confidence: 0.966663  
00:34:51.505 --> 00:34:52.864 down notes as well. I  
NOTE Confidence: 0.966663  
00:34:52.864 --> 00:34:54.325 feel like such an important  
NOTE Confidence: 0.9978027  
00:34:54.650 --> 00:34:56.010 key clinical pearl that you  
NOTE Confidence: 0.9978027  
00:34:56.010 --> 00:34:57.450 shared right there was not  
NOTE Confidence: 0.9978027  
00:34:57.450 --> 00:34:58.730 to miss those high risk  
NOTE Confidence: 0.9978027  
00:34:58.730 --> 00:34:59.230 polyps.  
NOTE Confidence: 0.99633455  
00:35:00.090 --> 00:35:00.590 Again,  
NOTE Confidence: 0.9603627  
00:35:01.130 --> 00:35:03.450 we're seeing, colorectal cancer and  
NOTE Confidence: 0.9603627  
00:35:03.450 --> 00:35:05.150 polyps much earlier,  
NOTE Confidence: 0.9859163  
00:35:06.010 --> 00:35:06.830 in younger  
NOTE Confidence: 0.7458111

00:35:07.210 --> 00:35:08.295 patients. So,  
NOTE Confidence: 0.99258167

00:35:08.775 --> 00:35:10.375 not dismissing just polyps in  
NOTE Confidence: 0.99258167

00:35:10.375 --> 00:35:11.015 the family,  
NOTE Confidence: 0.98814505

00:35:11.335 --> 00:35:12.454 is very important. So in  
NOTE Confidence: 0.98814505

00:35:12.454 --> 00:35:13.275 this case,  
NOTE Confidence: 0.96635634

00:35:13.974 --> 00:35:15.255 getting a lot more history  
NOTE Confidence: 0.96635634

00:35:15.255 --> 00:35:16.555 from the patient if they  
NOTE Confidence: 0.96635634

00:35:16.775 --> 00:35:17.575 can share it, like,  
NOTE Confidence: 0.94995993

00:35:19.575 --> 00:35:21.255 it would be so, vital  
NOTE Confidence: 0.94995993

00:35:21.255 --> 00:35:21.915 and important.  
NOTE Confidence: 0.97654486

00:35:22.410 --> 00:35:24.250 And then from the primary  
NOTE Confidence: 0.97654486

00:35:24.250 --> 00:35:25.770 care side, I guess what  
NOTE Confidence: 0.97654486

00:35:25.770 --> 00:35:26.730 I would want to ask  
NOTE Confidence: 0.97654486

00:35:26.730 --> 00:35:28.270 our specialist colleagues is,  
NOTE Confidence: 0.99883014

00:35:28.969 --> 00:35:30.329 how would we want to  
NOTE Confidence: 0.99883014

00:35:30.329 --> 00:35:31.069 go about

NOTE Confidence: 0.99317455  
00:35:31.369 --> 00:35:32.890 managing this patient? Like, after  
NOTE Confidence: 0.99317455  
00:35:32.890 --> 00:35:33.849 we get, like, a more  
NOTE Confidence: 0.99317455  
00:35:33.849 --> 00:35:34.670 thorough history,  
NOTE Confidence: 0.9994172  
00:35:35.335 --> 00:35:35.835 would  
NOTE Confidence: 0.9917427  
00:35:36.135 --> 00:35:37.094 we refer them to our  
NOTE Confidence: 0.9917427  
00:35:37.094 --> 00:35:38.695 GI colleagues or want to  
NOTE Confidence: 0.9917427  
00:35:38.695 --> 00:35:39.815 touch base and coordinate with  
NOTE Confidence: 0.9917427  
00:35:39.815 --> 00:35:41.515 our, genetic colleagues?  
NOTE Confidence: 0.99905497  
00:35:42.215 --> 00:35:43.435 Where would you recommend?  
NOTE Confidence: 0.9404336  
00:35:45.495 --> 00:35:46.855 Yeah. I think definitely when  
NOTE Confidence: 0.9404336  
00:35:46.855 --> 00:35:48.075 we get that information  
NOTE Confidence: 0.9610066  
00:35:48.375 --> 00:35:49.950 from, from mom, that would  
NOTE Confidence: 0.9610066  
00:35:49.950 --> 00:35:51.250 really help us understand.  
NOTE Confidence: 0.9915181  
00:35:51.630 --> 00:35:52.910 If we do have a  
NOTE Confidence: 0.9915181  
00:35:52.910 --> 00:35:54.350 suspicion that mom can have  
NOTE Confidence: 0.9915181

00:35:54.350 --> 00:35:55.410 a genetic syndrome,  
NOTE Confidence: 0.9750894

00:35:55.869 --> 00:35:57.150 the appropriate thing would be,  
NOTE Confidence: 0.8624127

00:35:57.710 --> 00:35:58.989 seeing if mom could actually  
NOTE Confidence: 0.8624127

00:35:58.989 --> 00:36:01.730 have that, assessment because she's  
NOTE Confidence: 0.8624127

00:36:01.950 --> 00:36:02.450 that.  
NOTE Confidence: 0.9548237

00:36:02.830 --> 00:36:03.795 I I think that'd be  
NOTE Confidence: 0.9548237

00:36:03.795 --> 00:36:05.555 number one. If what, if  
NOTE Confidence: 0.9548237

00:36:05.555 --> 00:36:06.355 at the end what we  
NOTE Confidence: 0.9548237

00:36:06.355 --> 00:36:08.295 have is, mom had several  
NOTE Confidence: 0.9548237

00:36:08.435 --> 00:36:10.135 polyps, none of them advanced  
NOTE Confidence: 0.9548237

00:36:10.355 --> 00:36:11.395 or whatever, we can take  
NOTE Confidence: 0.9548237

00:36:11.395 --> 00:36:12.295 another approach.  
NOTE Confidence: 0.98812234

00:36:12.755 --> 00:36:13.875 And, and,  
NOTE Confidence: 0.9447366

00:36:14.435 --> 00:36:16.295 so really, having that information  
NOTE Confidence: 0.9447366

00:36:16.435 --> 00:36:17.610 will make a difference. And,  
NOTE Confidence: 0.9447366

00:36:17.610 --> 00:36:18.810 again, if we do think

NOTE Confidence: 0.9447366  
00:36:18.810 --> 00:36:19.130 it's,  
NOTE Confidence: 0.92332476  
00:36:19.930 --> 00:36:21.370 it could be genetic as  
NOTE Confidence: 0.92332476  
00:36:21.370 --> 00:36:22.810 need, to be ruled out  
NOTE Confidence: 0.92332476  
00:36:22.810 --> 00:36:24.490 that case, always try to  
NOTE Confidence: 0.92332476  
00:36:24.490 --> 00:36:25.230 get mom,  
NOTE Confidence: 0.969573  
00:36:26.090 --> 00:36:27.370 because, you know, she's the  
NOTE Confidence: 0.969573  
00:36:27.370 --> 00:36:28.810 affected one. If there's no  
NOTE Confidence: 0.969573  
00:36:28.810 --> 00:36:30.570 possibility, then we could definitely  
NOTE Confidence: 0.969573  
00:36:30.570 --> 00:36:32.125 test her. And nowadays, panel  
NOTE Confidence: 0.969573  
00:36:32.125 --> 00:36:33.805 testing allows for testing all  
NOTE Confidence: 0.969573  
00:36:33.805 --> 00:36:34.845 all the genes that we  
NOTE Confidence: 0.969573  
00:36:34.845 --> 00:36:35.985 were showing here  
NOTE Confidence: 0.9469045  
00:36:36.364 --> 00:36:37.805 at a with a single  
NOTE Confidence: 0.9469045  
00:36:37.805 --> 00:36:39.905 test, so something that's relatively  
NOTE Confidence: 0.9469045  
00:36:39.965 --> 00:36:40.785 easy to do.  
NOTE Confidence: 0.97756153

00:36:41.325 --> 00:36:42.545 Absolutely. We oftentimes,  
NOTE Confidence: 0.9751858

00:36:43.165 --> 00:36:44.864 get partial history and fragmented  
NOTE Confidence: 0.9751858

00:36:45.005 --> 00:36:46.650 history sometimes, and we may  
NOTE Confidence: 0.9751858

00:36:46.650 --> 00:36:48.089 end up having to test  
NOTE Confidence: 0.9751858

00:36:48.089 --> 00:36:48.329 our,  
NOTE Confidence: 0.9046647

00:36:48.969 --> 00:36:50.809 actual patients. Thank you again  
NOTE Confidence: 0.9046647

00:36:50.809 --> 00:36:52.030 for your clinical insights.  
NOTE Confidence: 0.9814276

00:36:53.289 --> 00:36:54.489 With that, I think we'll  
NOTE Confidence: 0.9814276

00:36:54.489 --> 00:36:56.010 move on to case number  
NOTE Confidence: 0.9814276

00:36:56.010 --> 00:36:56.510 three.  
NOTE Confidence: 0.9524023

00:36:57.289 --> 00:36:57.789 And  
NOTE Confidence: 0.9765281

00:36:58.089 --> 00:36:59.289 with that, this one will  
NOTE Confidence: 0.9765281

00:36:59.289 --> 00:37:00.809 be more so an early  
NOTE Confidence: 0.9765281

00:37:00.809 --> 00:37:01.869 onset colorectal  
NOTE Confidence: 0.9879909

00:37:02.454 --> 00:37:03.655 cancer. So I'll read this  
NOTE Confidence: 0.9879909

00:37:03.655 --> 00:37:04.315 as well.

NOTE Confidence: 0.9683392

00:37:04.694 --> 00:37:05.575 We have a thirty nine

NOTE Confidence: 0.9683392

00:37:05.575 --> 00:37:06.934 year old female with no

NOTE Confidence: 0.9683392

00:37:06.934 --> 00:37:08.934 significant past medical history except

NOTE Confidence: 0.9683392

00:37:08.934 --> 00:37:10.315 iron deficiency anemia

NOTE Confidence: 0.9527595

00:37:10.614 --> 00:37:12.454 and IBS who presents to

NOTE Confidence: 0.9527595

00:37:12.454 --> 00:37:14.214 her PCP for a routine

NOTE Confidence: 0.9527595

00:37:14.214 --> 00:37:15.194 physical appointment.

NOTE Confidence: 0.9823946

00:37:15.910 --> 00:37:17.670 Active problems wise, she has

NOTE Confidence: 0.9823946

00:37:17.670 --> 00:37:18.969 iron deficiency anemia,

NOTE Confidence: 0.96287626

00:37:19.510 --> 00:37:20.010 menorrhagia,

NOTE Confidence: 0.99679494

00:37:20.310 --> 00:37:22.150 and IBS. Medication wise,

NOTE Confidence: 0.9925636

00:37:22.550 --> 00:37:23.770 takes an iron supplement,

NOTE Confidence: 0.98193246

00:37:24.150 --> 00:37:25.770 oral contraceptive pill.

NOTE Confidence: 0.9589413

00:37:26.150 --> 00:37:27.670 Social history wise, she's a

NOTE Confidence: 0.9589413

00:37:27.670 --> 00:37:29.675 single mother of two, young

NOTE Confidence: 0.9589413

00:37:29.675 --> 00:37:30.175 children.  
NOTE Confidence: 0.96135837

00:37:30.875 --> 00:37:32.475 Habits wise, never a smoker,  
NOTE Confidence: 0.96135837

00:37:32.475 --> 00:37:34.015 denies alcohol as well.  
NOTE Confidence: 0.9736487

00:37:34.635 --> 00:37:36.575 Occupational wise, is a waitress.  
NOTE Confidence: 0.9736487

00:37:36.795 --> 00:37:38.635 And family history, no significant  
NOTE Confidence: 0.9736487

00:37:38.635 --> 00:37:39.535 family history.  
NOTE Confidence: 0.9761473

00:37:41.289 --> 00:37:43.450 Continuing on, on review of  
NOTE Confidence: 0.9761473

00:37:43.450 --> 00:37:45.369 systems, she reports over the  
NOTE Confidence: 0.9761473

00:37:45.369 --> 00:37:46.969 last eight months feeling more  
NOTE Confidence: 0.9761473

00:37:46.969 --> 00:37:48.969 tired, and her IBS symptoms  
NOTE Confidence: 0.9761473

00:37:48.969 --> 00:37:50.569 of bloating and diarrhea are  
NOTE Confidence: 0.9761473

00:37:50.569 --> 00:37:52.410 worse, which she attributes to  
NOTE Confidence: 0.9761473

00:37:52.410 --> 00:37:53.385 work related stress.  
NOTE Confidence: 0.94102746

00:37:54.425 --> 00:37:55.945 Labs wise, she shows a  
NOTE Confidence: 0.94102746

00:37:55.945 --> 00:37:56.445 hemoglobin  
NOTE Confidence: 0.99324137

00:37:56.745 --> 00:37:58.265 of nine from down from

NOTE Confidence: 0.99324137  
00:37:58.265 --> 00:37:58.765 eleven.  
NOTE Confidence: 0.98540044  
00:37:59.225 --> 00:38:01.225 Iron studies show persistent iron  
NOTE Confidence: 0.98540044  
00:38:01.225 --> 00:38:01.725 deficiency.  
NOTE Confidence: 0.99423295  
00:38:02.825 --> 00:38:04.105 She has not been taking  
NOTE Confidence: 0.99423295  
00:38:04.105 --> 00:38:05.705 iron because she feels it  
NOTE Confidence: 0.99423295  
00:38:05.705 --> 00:38:06.445 makes her  
NOTE Confidence: 0.99624676  
00:38:06.745 --> 00:38:08.125 abdominal symptoms worse.  
NOTE Confidence: 0.87805444  
00:38:08.890 --> 00:38:11.050 A lab somewhat improved after  
NOTE Confidence: 0.87805444  
00:38:11.050 --> 00:38:11.850 IV iron,  
NOTE Confidence: 0.9899691  
00:38:12.330 --> 00:38:12.830 repletion,  
NOTE Confidence: 0.9821522  
00:38:13.290 --> 00:38:14.650 but her symptoms continued to  
NOTE Confidence: 0.9821522  
00:38:14.650 --> 00:38:15.690 get worse, and she was  
NOTE Confidence: 0.9821522  
00:38:15.690 --> 00:38:16.750 referred to GI.  
NOTE Confidence: 0.9972413  
00:38:17.130 --> 00:38:17.630 Colonoscopy  
NOTE Confidence: 0.9487316  
00:38:18.170 --> 00:38:20.010 was done, which showed a  
NOTE Confidence: 0.9487316

00:38:20.010 --> 00:38:22.410 sigmoid mass, and biopsy showed  
NOTE Confidence: 0.9487316

00:38:22.410 --> 00:38:22.910 adenocarcinoma.  
NOTE Confidence: 0.97088146

00:38:27.145 --> 00:38:28.744 So at this point, what  
NOTE Confidence: 0.97088146

00:38:28.744 --> 00:38:30.585 parts of our history is,  
NOTE Confidence: 0.97088146

00:38:30.905 --> 00:38:32.585 standing out? What are some  
NOTE Confidence: 0.97088146

00:38:32.585 --> 00:38:34.665 special considerations for young adults  
NOTE Confidence: 0.97088146

00:38:34.665 --> 00:38:36.025 who are diagnosed with cancer?  
NOTE Confidence: 0.97088146

00:38:36.025 --> 00:38:36.825 And with that, I'd like  
NOTE Confidence: 0.97088146

00:38:36.825 --> 00:38:38.265 to, hand it over to  
NOTE Confidence: 0.97088146

00:38:38.265 --> 00:38:39.165 Tejal, please.  
NOTE Confidence: 0.9992771

00:38:39.549 --> 00:38:40.930 Yeah. Thank you so much.  
NOTE Confidence: 0.98316646

00:38:41.230 --> 00:38:43.069 I think, this is, one  
NOTE Confidence: 0.98316646

00:38:43.069 --> 00:38:45.069 of our greatest fears is  
NOTE Confidence: 0.98316646

00:38:45.069 --> 00:38:46.210 that we're seeing  
NOTE Confidence: 0.9995331

00:38:46.829 --> 00:38:49.390 younger and younger people being  
NOTE Confidence: 0.9995331

00:38:49.390 --> 00:38:49.890 diagnosed

NOTE Confidence: 0.9752584  
00:38:50.510 --> 00:38:52.269 with not only colorectal cancer,  
NOTE Confidence: 0.9752584  
00:38:52.269 --> 00:38:53.630 but other cancer types as  
NOTE Confidence: 0.9752584  
00:38:53.630 --> 00:38:54.130 well,  
NOTE Confidence: 0.9943122  
00:38:54.645 --> 00:38:55.625 every single day.  
NOTE Confidence: 0.99478406  
00:38:56.325 --> 00:38:56.825 And  
NOTE Confidence: 0.95542264  
00:38:57.364 --> 00:38:58.185 this is,  
NOTE Confidence: 0.8949742  
00:38:58.725 --> 00:38:59.225 you  
NOTE Confidence: 0.984146  
00:38:59.525 --> 00:39:00.885 know, based on a patient  
NOTE Confidence: 0.984146  
00:39:00.885 --> 00:39:02.585 who I've seen recently  
NOTE Confidence: 0.95525014  
00:39:03.285 --> 00:39:04.165 and a story that we're  
NOTE Confidence: 0.95525014  
00:39:04.165 --> 00:39:05.525 hearing over and over again.  
NOTE Confidence: 0.95525014  
00:39:05.525 --> 00:39:07.625 Someone who was otherwise healthy  
NOTE Confidence: 0.98596156  
00:39:08.000 --> 00:39:10.180 has no family history, really  
NOTE Confidence: 0.92164564  
00:39:10.640 --> 00:39:11.839 not much in terms of  
NOTE Confidence: 0.92164564  
00:39:11.839 --> 00:39:12.739 risk factors,  
NOTE Confidence: 0.99910754

00:39:13.040 --> 00:39:13.540 and  
NOTE Confidence: 0.9988925  
00:39:14.319 --> 00:39:14.819 they  
NOTE Confidence: 0.9801624  
00:39:15.119 --> 00:39:16.319 had been doing well until  
NOTE Confidence: 0.9801624  
00:39:16.319 --> 00:39:17.619 they weren't. And  
NOTE Confidence: 0.9822097  
00:39:18.480 --> 00:39:19.599 they come to this complete  
NOTE Confidence: 0.9822097  
00:39:19.599 --> 00:39:21.299 shock of getting a diagnosis  
NOTE Confidence: 0.9822097  
00:39:21.359 --> 00:39:22.480 of cancer at such a  
NOTE Confidence: 0.9822097  
00:39:22.480 --> 00:39:23.295 young age.  
NOTE Confidence: 0.97471327  
00:39:24.255 --> 00:39:25.474 So, I think,  
NOTE Confidence: 0.9871739  
00:39:26.974 --> 00:39:28.094 that the fact that we're  
NOTE Confidence: 0.9871739  
00:39:28.094 --> 00:39:29.295 seeing these trends and what  
NOTE Confidence: 0.9871739  
00:39:29.295 --> 00:39:30.734 we'll be talking about more  
NOTE Confidence: 0.9871739  
00:39:30.734 --> 00:39:31.234 is  
NOTE Confidence: 0.98956525  
00:39:31.775 --> 00:39:33.234 when you are having  
NOTE Confidence: 0.9992338  
00:39:33.694 --> 00:39:34.674 these unexplained  
NOTE Confidence: 0.97927797  
00:39:35.055 --> 00:39:36.755 and these persistent symptoms,

NOTE Confidence: 0.98553896  
00:39:37.750 --> 00:39:38.790 even in our younger and  
NOTE Confidence: 0.98553896  
00:39:38.790 --> 00:39:40.710 healthier patients, we need to  
NOTE Confidence: 0.98553896  
00:39:40.710 --> 00:39:41.830 be acting on them. We  
NOTE Confidence: 0.98553896  
00:39:41.830 --> 00:39:42.870 need to be picking them  
NOTE Confidence: 0.98553896  
00:39:42.870 --> 00:39:43.910 up and we need to  
NOTE Confidence: 0.98553896  
00:39:43.910 --> 00:39:45.210 get further evaluation  
NOTE Confidence: 0.9974994  
00:39:45.750 --> 00:39:46.250 promptly.  
NOTE Confidence: 0.8854172  
00:39:47.350 --> 00:39:47.850 So,  
NOTE Confidence: 0.99523044  
00:39:49.110 --> 00:39:50.010 as I mentioned,  
NOTE Confidence: 0.9993365  
00:39:51.350 --> 00:39:52.730 we've been seeing  
NOTE Confidence: 0.98798585  
00:39:53.265 --> 00:39:54.545 data over and over again,  
NOTE Confidence: 0.98798585  
00:39:54.545 --> 00:39:55.664 and you've probably read in  
NOTE Confidence: 0.98798585  
00:39:55.664 --> 00:39:56.244 the news  
NOTE Confidence: 0.98951024  
00:39:56.625 --> 00:39:58.065 that we're seeing rising rates  
NOTE Confidence: 0.98951024  
00:39:58.065 --> 00:40:00.065 and increasing incidence of what  
NOTE Confidence: 0.98951024

00:40:00.065 --> 00:40:01.184 we term as early onset  
NOTE Confidence: 0.98951024

00:40:01.184 --> 00:40:02.325 colorectal cancer.  
NOTE Confidence: 0.9971717

00:40:03.025 --> 00:40:03.984 When I say the term  
NOTE Confidence: 0.9971717

00:40:03.984 --> 00:40:06.005 early onset, I'm specifically  
NOTE Confidence: 0.9998254

00:40:06.625 --> 00:40:07.125 referring  
NOTE Confidence: 0.96107787

00:40:07.550 --> 00:40:09.170 to adults who are diagnosed  
NOTE Confidence: 0.96107787

00:40:09.230 --> 00:40:10.430 under eight under the age  
NOTE Confidence: 0.96107787

00:40:10.430 --> 00:40:12.430 of forty nine, although that's  
NOTE Confidence: 0.96107787

00:40:12.430 --> 00:40:13.650 not a strict definition.  
NOTE Confidence: 0.9860867

00:40:14.590 --> 00:40:17.010 And as this graph depicts,  
NOTE Confidence: 0.96438354

00:40:17.469 --> 00:40:18.590 not only are we seeing  
NOTE Confidence: 0.96438354

00:40:18.590 --> 00:40:19.969 an increasing incidence,  
NOTE Confidence: 0.9994275

00:40:20.705 --> 00:40:22.485 but we're also seeing that  
NOTE Confidence: 0.98551613

00:40:22.945 --> 00:40:23.844 while mortality  
NOTE Confidence: 0.99950737

00:40:24.225 --> 00:40:25.125 had been decreasing  
NOTE Confidence: 0.9937191

00:40:25.505 --> 00:40:27.445 for a very long time,

NOTE Confidence: 0.999492  
00:40:27.825 --> 00:40:29.525 we then saw the mortality  
NOTE Confidence: 0.999492  
00:40:29.585 --> 00:40:31.045 in this young adult population  
NOTE Confidence: 0.9319029  
00:40:31.665 --> 00:40:33.425 plateau and now actually looks  
NOTE Confidence: 0.9319029  
00:40:33.425 --> 00:40:34.965 like it's starting to increase.  
NOTE Confidence: 0.97843176  
00:40:35.610 --> 00:40:36.570 I think one of our  
NOTE Confidence: 0.97843176  
00:40:36.570 --> 00:40:38.730 biggest questions is why is  
NOTE Confidence: 0.97843176  
00:40:38.730 --> 00:40:39.470 this happening?  
NOTE Confidence: 0.9985437  
00:40:40.090 --> 00:40:41.530 And we don't have a  
NOTE Confidence: 0.9985437  
00:40:41.530 --> 00:40:43.370 great explanation. The reality is  
NOTE Confidence: 0.9985437  
00:40:43.370 --> 00:40:44.430 that it's probably  
NOTE Confidence: 0.99896413  
00:40:44.970 --> 00:40:47.370 multiple different factors that are  
NOTE Confidence: 0.99896413  
00:40:47.370 --> 00:40:47.870 interacting.  
NOTE Confidence: 0.9915969  
00:40:48.730 --> 00:40:49.850 It might be, you know,  
NOTE Confidence: 0.9915969  
00:40:49.850 --> 00:40:51.305 the fact that we are  
NOTE Confidence: 0.9915969  
00:40:51.305 --> 00:40:53.644 having increasing rates of obesity  
NOTE Confidence: 0.9915969

00:40:53.864 --> 00:40:55.944 and sedentary lifestyle. There's maybe

NOTE Confidence: 0.9915969

00:40:55.944 --> 00:40:57.385 something in the environment, what

NOTE Confidence: 0.9915969

00:40:57.385 --> 00:40:58.684 we're eating, what we're drinking,

NOTE Confidence: 0.9586831

00:40:59.144 --> 00:41:00.744 something that we're exposed to,

NOTE Confidence: 0.9586831

00:41:00.744 --> 00:41:02.025 all of these things that

NOTE Confidence: 0.9586831

00:41:02.025 --> 00:41:03.005 might be changing

NOTE Confidence: 0.9964979

00:41:03.660 --> 00:41:04.799 our gut microbiome

NOTE Confidence: 0.98609364

00:41:05.420 --> 00:41:06.940 and may lead to more

NOTE Confidence: 0.98609364

00:41:06.940 --> 00:41:07.920 of an inflammatory

NOTE Confidence: 0.888993

00:41:08.460 --> 00:41:08.960 phenotype,

NOTE Confidence: 0.9846188

00:41:09.260 --> 00:41:10.460 which might be increasing our

NOTE Confidence: 0.9846188

00:41:10.460 --> 00:41:11.520 chances of cancer.

NOTE Confidence: 0.9825535

00:41:11.980 --> 00:41:13.819 But we don't have any

NOTE Confidence: 0.9825535

00:41:13.819 --> 00:41:15.680 sort of slam dunk explanation,

NOTE Confidence: 0.9741083

00:41:16.434 --> 00:41:17.395 And there's a lot of

NOTE Confidence: 0.9741083

00:41:17.395 --> 00:41:18.515 research that's going on and

NOTE Confidence: 0.9741083  
00:41:18.515 --> 00:41:19.974 trying to figure this out.  
NOTE Confidence: 0.74204624  
00:41:20.835 --> 00:41:21.335 Now,  
NOTE Confidence: 0.9736682  
00:41:22.515 --> 00:41:23.015 what's  
NOTE Confidence: 0.94891465  
00:41:23.875 --> 00:41:25.714 I think challenging, not only  
NOTE Confidence: 0.94891465  
00:41:25.714 --> 00:41:27.395 about the fact that we're  
NOTE Confidence: 0.94891465  
00:41:27.395 --> 00:41:28.295 getting the diagnosis  
NOTE Confidence: 0.9586462  
00:41:28.950 --> 00:41:30.250 of cancer in these younger,  
NOTE Confidence: 0.8809481  
00:41:30.790 --> 00:41:31.290 people,  
NOTE Confidence: 0.99311966  
00:41:31.910 --> 00:41:32.890 but oftentimes  
NOTE Confidence: 0.98948956  
00:41:33.670 --> 00:41:35.210 we're catching them late.  
NOTE Confidence: 0.99938536  
00:41:35.830 --> 00:41:36.650 We're seeing  
NOTE Confidence: 0.99452096  
00:41:36.950 --> 00:41:39.290 young people present with advanced  
NOTE Confidence: 0.99452096  
00:41:39.430 --> 00:41:40.790 disease by the time that  
NOTE Confidence: 0.99452096  
00:41:40.790 --> 00:41:41.609 they're diagnosed.  
NOTE Confidence: 0.9998179  
00:41:42.575 --> 00:41:43.714 Some of it might  
NOTE Confidence: 0.98783165

00:41:44.094 --> 00:41:44.974 be the fact that the  
NOTE Confidence: 0.98783165

00:41:44.974 --> 00:41:46.575 biology of the cancer itself  
NOTE Confidence: 0.98783165

00:41:46.575 --> 00:41:47.055 might be,  
NOTE Confidence: 0.91832405

00:41:47.535 --> 00:41:48.734 some, a little bit more  
NOTE Confidence: 0.91832405

00:41:48.734 --> 00:41:49.234 aggressive.  
NOTE Confidence: 0.9994801

00:41:49.694 --> 00:41:50.654 But there are a lot  
NOTE Confidence: 0.9994801

00:41:50.654 --> 00:41:52.275 of other factors as well.  
NOTE Confidence: 0.99200857

00:41:52.575 --> 00:41:53.315 There are,  
NOTE Confidence: 0.98735

00:41:53.855 --> 00:41:55.214 factors related to the patients  
NOTE Confidence: 0.98735

00:41:55.214 --> 00:41:56.894 themselves. They might be ignoring  
NOTE Confidence: 0.98735

00:41:56.894 --> 00:41:58.230 symptoms they have. They might  
NOTE Confidence: 0.98735

00:41:58.230 --> 00:41:59.690 think, oh, I'm healthy otherwise.  
NOTE Confidence: 0.9876457

00:42:00.070 --> 00:42:01.590 I'm just not feeling great  
NOTE Confidence: 0.9876457

00:42:01.590 --> 00:42:02.250 right now.  
NOTE Confidence: 0.9914879

00:42:02.630 --> 00:42:03.989 And so that might mean  
NOTE Confidence: 0.9914879

00:42:03.989 --> 00:42:06.230 that they are not looking

NOTE Confidence: 0.9914879  
00:42:06.230 --> 00:42:07.350 for care. A lot of  
NOTE Confidence: 0.9914879  
00:42:07.350 --> 00:42:08.950 young people don't have primary  
NOTE Confidence: 0.9914879  
00:42:08.950 --> 00:42:10.310 care doctors. And so by  
NOTE Confidence: 0.9914879  
00:42:10.310 --> 00:42:11.510 the time they something is  
NOTE Confidence: 0.9914879  
00:42:11.510 --> 00:42:12.485 wrong, it takes them a  
NOTE Confidence: 0.9914879  
00:42:12.485 --> 00:42:13.525 long time to actually get  
NOTE Confidence: 0.9914879  
00:42:13.525 --> 00:42:14.745 in to see someone.  
NOTE Confidence: 0.99553686  
00:42:15.205 --> 00:42:16.245 There's also a lot of  
NOTE Confidence: 0.99553686  
00:42:16.245 --> 00:42:18.085 fear around this diagnosis, some  
NOTE Confidence: 0.99553686  
00:42:18.085 --> 00:42:19.465 embarrassment as well.  
NOTE Confidence: 0.97122526  
00:42:19.765 --> 00:42:21.364 There's also factors that might  
NOTE Confidence: 0.97122526  
00:42:21.364 --> 00:42:22.825 be related to the physicians  
NOTE Confidence: 0.97122526  
00:42:22.885 --> 00:42:24.245 that lead to to to  
NOTE Confidence: 0.97122526  
00:42:24.245 --> 00:42:25.465 the delay. They might  
NOTE Confidence: 0.9700431  
00:42:25.869 --> 00:42:27.390 miss symptoms, or they might  
NOTE Confidence: 0.9700431

00:42:27.390 --> 00:42:27.890 attribute  
NOTE Confidence: 0.9977393

00:42:28.349 --> 00:42:29.710 some of the symptoms to  
NOTE Confidence: 0.9977393

00:42:29.710 --> 00:42:31.010 other more common  
NOTE Confidence: 0.9292119

00:42:31.550 --> 00:42:32.050 diagnoses.  
NOTE Confidence: 0.9951997

00:42:32.510 --> 00:42:33.550 A lot of these presenting  
NOTE Confidence: 0.9951997

00:42:33.550 --> 00:42:35.070 symptoms can be vague. It's  
NOTE Confidence: 0.9951997

00:42:35.070 --> 00:42:35.730 it's not  
NOTE Confidence: 0.97568524

00:42:36.430 --> 00:42:37.550 most of the time, it's  
NOTE Confidence: 0.97568524

00:42:37.550 --> 00:42:38.290 not clear.  
NOTE Confidence: 0.97473764

00:42:38.895 --> 00:42:40.655 And this might mean that  
NOTE Confidence: 0.97473764

00:42:40.655 --> 00:42:42.175 there are delayed referrals and  
NOTE Confidence: 0.97473764

00:42:42.175 --> 00:42:43.075 further examination.  
NOTE Confidence: 0.97194123

00:42:43.935 --> 00:42:45.375 And then ultimately, there are  
NOTE Confidence: 0.97194123

00:42:45.375 --> 00:42:46.815 a lot of system related  
NOTE Confidence: 0.97194123

00:42:46.815 --> 00:42:48.035 days delays,  
NOTE Confidence: 0.9822426

00:42:48.335 --> 00:42:50.335 limited resources in terms of

NOTE Confidence: 0.9822426

00:42:50.335 --> 00:42:51.555 providers, particularly

NOTE Confidence: 0.9863762

00:42:51.855 --> 00:42:53.075 in rural areas.

NOTE Confidence: 0.9715404

00:42:53.610 --> 00:42:55.770 The appointments are delayed. We're

NOTE Confidence: 0.9715404

00:42:55.770 --> 00:42:57.770 needing more and more help

NOTE Confidence: 0.9715404

00:42:57.770 --> 00:42:58.910 to take care of this

NOTE Confidence: 0.987264

00:42:59.850 --> 00:43:01.450 population, but we just aren't

NOTE Confidence: 0.987264

00:43:01.450 --> 00:43:02.250 able to meet it with

NOTE Confidence: 0.987264

00:43:02.250 --> 00:43:03.710 the resources that we have

NOTE Confidence: 0.987264

00:43:04.010 --> 00:43:05.390 available to us.

NOTE Confidence: 0.9559491

00:43:06.885 --> 00:43:08.585 Now when a young adult

NOTE Confidence: 0.9559491

00:43:08.805 --> 00:43:11.465 is diagnosed with colorectal cancer,

NOTE Confidence: 0.9994581

00:43:12.085 --> 00:43:13.925 there are some unique things

NOTE Confidence: 0.9994581

00:43:13.925 --> 00:43:15.844 to consider that may not

NOTE Confidence: 0.9994581

00:43:15.844 --> 00:43:16.344 be

NOTE Confidence: 0.9957777

00:43:16.645 --> 00:43:18.005 necessarily as much in the

NOTE Confidence: 0.9957777

00:43:18.005 --> 00:43:20.425 forefront in our older patients.

NOTE Confidence: 0.9979244

00:43:21.190 --> 00:43:21.930 For example,

NOTE Confidence: 0.96450907

00:43:22.710 --> 00:43:24.230 you know, this young woman,

NOTE Confidence: 0.96450907

00:43:24.230 --> 00:43:25.830 she might still be wanting

NOTE Confidence: 0.96450907

00:43:25.830 --> 00:43:27.190 to have more children. So

NOTE Confidence: 0.96450907

00:43:27.190 --> 00:43:28.570 fertility is a consideration.

NOTE Confidence: 0.98368835

00:43:28.950 --> 00:43:29.989 And how do the treatment

NOTE Confidence: 0.98368835

00:43:29.989 --> 00:43:31.030 options that we have for

NOTE Confidence: 0.98368835

00:43:31.030 --> 00:43:32.170 colorectal cancer

NOTE Confidence: 0.9639866

00:43:32.790 --> 00:43:34.070 relate to that and have

NOTE Confidence: 0.9639866

00:43:34.070 --> 00:43:34.570 impact

NOTE Confidence: 0.80361766

00:43:35.495 --> 00:43:37.435 that. Their unique family dynamics.

NOTE Confidence: 0.98094016

00:43:37.815 --> 00:43:39.594 This young adult population oftentimes

NOTE Confidence: 0.98094016

00:43:39.735 --> 00:43:41.915 will have young children, toddlers.

NOTE Confidence: 0.9577568

00:43:42.215 --> 00:43:43.575 They might also taking care

NOTE Confidence: 0.9577568

00:43:43.575 --> 00:43:45.415 of their elderly parents as

NOTE Confidence: 0.9577568  
00:43:45.415 --> 00:43:45.915 well.  
NOTE Confidence: 0.91620505  
00:43:46.695 --> 00:43:48.215 Sometimes they are the primary  
NOTE Confidence: 0.91620505  
00:43:48.215 --> 00:43:49.435 care the primary,  
NOTE Confidence: 0.960413  
00:43:49.895 --> 00:43:51.090 breadwinners in the family in  
NOTE Confidence: 0.960413  
00:43:51.090 --> 00:43:52.370 terms of their career. They  
NOTE Confidence: 0.960413  
00:43:52.370 --> 00:43:53.090 might be the only one  
NOTE Confidence: 0.960413  
00:43:53.090 --> 00:43:53.750 in their family  
NOTE Confidence: 0.99097234  
00:43:54.290 --> 00:43:56.050 who is making money, and  
NOTE Confidence: 0.99097234  
00:43:56.050 --> 00:43:56.930 so they may not be  
NOTE Confidence: 0.99097234  
00:43:56.930 --> 00:43:58.530 able to be taking the  
NOTE Confidence: 0.99097234  
00:43:58.530 --> 00:43:59.730 time off to actually get  
NOTE Confidence: 0.99097234  
00:43:59.730 --> 00:44:00.470 their treatments.  
NOTE Confidence: 0.9615184  
00:44:01.730 --> 00:44:02.770 They also might feel more  
NOTE Confidence: 0.9615184  
00:44:02.770 --> 00:44:04.805 isolated because other people who  
NOTE Confidence: 0.9615184  
00:44:04.805 --> 00:44:06.005 are their same age aren't  
NOTE Confidence: 0.9615184

00:44:06.005 --> 00:44:08.184 dealing with these serious diagnoses.

NOTE Confidence: 0.9615184

00:44:08.325 --> 00:44:10.184 So that's even more of

NOTE Confidence: 0.9615184

00:44:10.405 --> 00:44:12.344 a psychosocial stress on them.

NOTE Confidence: 0.9962613

00:44:12.645 --> 00:44:14.005 And they're more likely to

NOTE Confidence: 0.9962613

00:44:14.005 --> 00:44:15.065 have a genetic,

NOTE Confidence: 0.9834831

00:44:15.605 --> 00:44:17.864 reason for having their colorectal

NOTE Confidence: 0.9834831

00:44:17.924 --> 00:44:19.500 cancer diagnosed, which also has

NOTE Confidence: 0.9834831

00:44:19.500 --> 00:44:20.480 its own implications.

NOTE Confidence: 0.96183425

00:44:21.260 --> 00:44:22.140 And so I think for

NOTE Confidence: 0.96183425

00:44:22.140 --> 00:44:23.500 all of these reasons, there's

NOTE Confidence: 0.96183425

00:44:23.500 --> 00:44:24.080 a real,

NOTE Confidence: 0.99988353

00:44:24.700 --> 00:44:25.200 opportunity

NOTE Confidence: 0.9805693

00:44:25.500 --> 00:44:27.820 here for our oncologists to

NOTE Confidence: 0.9805693

00:44:27.820 --> 00:44:30.480 partner with, primary care who

NOTE Confidence: 0.9805693

00:44:30.540 --> 00:44:32.460 know these patients the best

NOTE Confidence: 0.9805693

00:44:32.460 --> 00:44:34.545 and have followed them for

NOTE Confidence: 0.9805693  
00:44:34.545 --> 00:44:36.005 much longer than the oncologist  
NOTE Confidence: 0.9805693  
00:44:36.145 --> 00:44:36.645 has  
NOTE Confidence: 0.9827345  
00:44:37.025 --> 00:44:38.484 to work through the holistic  
NOTE Confidence: 0.88039154  
00:44:38.785 --> 00:44:39.285 picture.  
NOTE Confidence: 0.9641965  
00:44:39.744 --> 00:44:40.565 At Yale,  
NOTE Confidence: 0.9894727  
00:44:41.025 --> 00:44:42.625 we've started an early onset  
NOTE Confidence: 0.9894727  
00:44:42.625 --> 00:44:44.225 cancer program to do just  
NOTE Confidence: 0.9894727  
00:44:44.225 --> 00:44:45.265 this and to help to  
NOTE Confidence: 0.9894727  
00:44:45.265 --> 00:44:46.859 address all of these issues  
NOTE Confidence: 0.98637384  
00:44:47.160 --> 00:44:48.520 in addition to their cancer  
NOTE Confidence: 0.98637384  
00:44:48.520 --> 00:44:49.340 care specifically.  
NOTE Confidence: 0.9884602  
00:44:51.640 --> 00:44:52.859 And then just to,  
NOTE Confidence: 0.9540662  
00:44:53.560 --> 00:44:54.680 share a little bit, like,  
NOTE Confidence: 0.9540662  
00:44:54.680 --> 00:44:56.940 I love those, unique considerations  
NOTE Confidence: 0.9540662  
00:44:57.080 --> 00:44:58.440 that you spoke about, Dejal.  
NOTE Confidence: 0.9540662

00:44:58.440 --> 00:44:58.875 It's,  
NOTE Confidence: 0.9661183

00:44:59.355 --> 00:45:00.875 very challenging with such a  
NOTE Confidence: 0.9661183

00:45:00.875 --> 00:45:02.395 young diagnosis. And that's really  
NOTE Confidence: 0.9661183

00:45:02.395 --> 00:45:04.015 where our primary care clinicians  
NOTE Confidence: 0.9661183

00:45:04.075 --> 00:45:05.755 can be that bridge with  
NOTE Confidence: 0.9661183

00:45:05.755 --> 00:45:07.355 our oncology specialists and be  
NOTE Confidence: 0.9661183

00:45:07.355 --> 00:45:08.715 there for that holistic care,  
NOTE Confidence: 0.9661183

00:45:08.715 --> 00:45:10.175 holistic approach. So,  
NOTE Confidence: 0.96142113

00:45:10.475 --> 00:45:12.175 again, really, really important.  
NOTE Confidence: 0.97910005

00:45:12.955 --> 00:45:14.075 Going back to the case  
NOTE Confidence: 0.97910005

00:45:14.075 --> 00:45:14.575 now,  
NOTE Confidence: 0.9720931

00:45:14.930 --> 00:45:16.530 the patient was diagnosed with,  
NOTE Confidence: 0.9720931

00:45:16.850 --> 00:45:19.110 stage three sigmoid colon cancer,  
NOTE Confidence: 0.98751986

00:45:19.570 --> 00:45:21.910 and she successfully underwent treatment  
NOTE Confidence: 0.98751986

00:45:21.970 --> 00:45:23.170 with surgery and,  
NOTE Confidence: 0.94563586

00:45:23.570 --> 00:45:24.070 adjuvant,

NOTE Confidence: 0.9711665

00:45:24.850 --> 00:45:25.350 chemotherapy.

NOTE Confidence: 0.98574615

00:45:25.970 --> 00:45:27.570 She followed with oncology for

NOTE Confidence: 0.98574615

00:45:27.570 --> 00:45:29.170 five years without evidence of

NOTE Confidence: 0.98574615

00:45:29.170 --> 00:45:31.325 disease recurrence, but has ongoing

NOTE Confidence: 0.98574615

00:45:31.545 --> 00:45:32.045 challenges?

NOTE Confidence: 0.97795665

00:45:34.185 --> 00:45:35.965 So as I mentioned earlier,

NOTE Confidence: 0.97795665

00:45:36.105 --> 00:45:38.265 surveillance for colorectal cancer per

NOTE Confidence: 0.97795665

00:45:38.265 --> 00:45:39.484 our national guidelines

NOTE Confidence: 0.9810573

00:45:40.025 --> 00:45:41.305 is recommended to follow for

NOTE Confidence: 0.9810573

00:45:41.305 --> 00:45:42.045 five years.

NOTE Confidence: 0.942138

00:45:42.425 --> 00:45:44.160 But it, the buck doesn't

NOTE Confidence: 0.942138

00:45:44.160 --> 00:45:46.080 stop there. The impacts of

NOTE Confidence: 0.942138

00:45:46.080 --> 00:45:48.239 having a cancer diagnosis, both

NOTE Confidence: 0.942138

00:45:48.239 --> 00:45:50.580 physically, but also mentally, emotionally

NOTE Confidence: 0.78422606

00:45:51.520 --> 00:45:52.020 far

NOTE Confidence: 0.9005871

00:45:52.400 --> 00:45:52.900 outlast  
NOTE Confidence: 0.9662372

00:45:53.200 --> 00:45:54.820 that five year time mark.  
NOTE Confidence: 0.953666

00:45:55.645 --> 00:45:57.105 There are multiple considerations  
NOTE Confidence: 0.9881012

00:45:58.045 --> 00:45:58.545 that,  
NOTE Confidence: 0.9742903

00:45:59.085 --> 00:46:00.065 that should be,  
NOTE Confidence: 0.99950284

00:46:00.765 --> 00:46:01.505 thought about  
NOTE Confidence: 0.9747032

00:46:02.125 --> 00:46:03.645 when the care of this,  
NOTE Confidence: 0.9747032

00:46:03.965 --> 00:46:05.105 patient shifts  
NOTE Confidence: 0.9939585

00:46:05.645 --> 00:46:07.825 more primarily or almost completely  
NOTE Confidence: 0.9939585

00:46:07.885 --> 00:46:09.265 back to the primary care  
NOTE Confidence: 0.99505574

00:46:09.690 --> 00:46:11.130 doctor at that five year  
NOTE Confidence: 0.99505574

00:46:11.130 --> 00:46:11.869 time point.  
NOTE Confidence: 0.97331303

00:46:12.329 --> 00:46:13.609 It's not only the physical  
NOTE Confidence: 0.97331303

00:46:13.609 --> 00:46:15.869 consideration. So there might be,  
NOTE Confidence: 0.99545395

00:46:17.369 --> 00:46:18.650 multiple things to consider in  
NOTE Confidence: 0.99545395

00:46:18.650 --> 00:46:20.010 terms of the physical aspect

NOTE Confidence: 0.99545395  
00:46:20.010 --> 00:46:21.290 of it. Maybe they have  
NOTE Confidence: 0.99545395  
00:46:21.290 --> 00:46:22.349 a permanent ostomy.  
NOTE Confidence: 0.9998476  
00:46:22.815 --> 00:46:24.515 Maybe they have permanent neuropathy  
NOTE Confidence: 0.99448663  
00:46:24.815 --> 00:46:26.675 from the chemotherapy they had,  
NOTE Confidence: 0.99448663  
00:46:26.974 --> 00:46:27.855 or they might be at  
NOTE Confidence: 0.99448663  
00:46:27.855 --> 00:46:29.375 higher risk for another cancer  
NOTE Confidence: 0.99448663  
00:46:29.375 --> 00:46:30.494 because of the chemo they  
NOTE Confidence: 0.99448663  
00:46:30.494 --> 00:46:32.335 had. They might look different.  
NOTE Confidence: 0.99448663  
00:46:32.335 --> 00:46:33.535 They might feel different. They  
NOTE Confidence: 0.99448663  
00:46:33.535 --> 00:46:34.275 might have  
NOTE Confidence: 0.9996338  
00:46:34.575 --> 00:46:35.714 fertility impact.  
NOTE Confidence: 0.98269284  
00:46:36.255 --> 00:46:38.035 There's countless things physically,  
NOTE Confidence: 0.9020375  
00:46:38.415 --> 00:46:39.690 but but it goes beyond  
NOTE Confidence: 0.9020375  
00:46:39.750 --> 00:46:41.050 that too. Psychologically,  
NOTE Confidence: 0.99292964  
00:46:41.989 --> 00:46:43.590 there's trauma from having the  
NOTE Confidence: 0.99292964

00:46:43.590 --> 00:46:45.450 diagnosis in the first place.

NOTE Confidence: 0.9970685

00:46:45.830 --> 00:46:47.030 And we hear from our

NOTE Confidence: 0.9970685

00:46:47.030 --> 00:46:48.730 patients that sometimes

NOTE Confidence: 0.9885679

00:46:49.030 --> 00:46:50.310 when the five year mark

NOTE Confidence: 0.9885679

00:46:50.310 --> 00:46:52.070 is done, they sometimes feel

NOTE Confidence: 0.9885679

00:46:52.070 --> 00:46:53.130 forgotten about.

NOTE Confidence: 0.9928178

00:46:53.445 --> 00:46:55.445 But the truth is that

NOTE Confidence: 0.9928178

00:46:55.445 --> 00:46:56.645 experience that they have is

NOTE Confidence: 0.9928178

00:46:56.645 --> 00:46:57.605 gonna shape them for the

NOTE Confidence: 0.9928178

00:46:57.605 --> 00:46:58.665 rest of their lives.

NOTE Confidence: 0.9926098

00:46:59.205 --> 00:47:00.565 And, again, this may have

NOTE Confidence: 0.9926098

00:47:00.565 --> 00:47:01.925 longer term impacts in their

NOTE Confidence: 0.9926098

00:47:01.925 --> 00:47:03.045 social life in general as

NOTE Confidence: 0.9926098

00:47:03.045 --> 00:47:04.505 well. Maybe they need accommodations

NOTE Confidence: 0.9926098

00:47:04.725 --> 00:47:06.069 at work now. Maybe they

NOTE Confidence: 0.9926098

00:47:06.069 --> 00:47:07.609 had to interrupt their education.

NOTE Confidence: 0.99220973

00:47:07.910 --> 00:47:10.069 It's certainly impacted the relationships

NOTE Confidence: 0.99220973

00:47:10.069 --> 00:47:11.190 of their friends and family

NOTE Confidence: 0.99220973

00:47:11.190 --> 00:47:12.549 around them. So we have

NOTE Confidence: 0.99220973

00:47:12.549 --> 00:47:13.670 to be thinking about all

NOTE Confidence: 0.99220973

00:47:13.670 --> 00:47:14.569 of these things

NOTE Confidence: 0.97717535

00:47:14.950 --> 00:47:16.890 for long into the future

NOTE Confidence: 0.97717535

00:47:16.950 --> 00:47:18.545 when taking care of all

NOTE Confidence: 0.97717535

00:47:18.545 --> 00:47:19.445 of our patients,

NOTE Confidence: 0.97379845

00:47:20.065 --> 00:47:21.505 but in particular for our

NOTE Confidence: 0.97379845

00:47:21.505 --> 00:47:22.945 young adults who do have

NOTE Confidence: 0.97379845

00:47:22.945 --> 00:47:24.785 that lead time and that

NOTE Confidence: 0.97379845

00:47:24.785 --> 00:47:26.305 that long runway ahead of

NOTE Confidence: 0.97379845

00:47:26.305 --> 00:47:28.165 them beyond their cancer diagnosis.

NOTE Confidence: 0.9742915

00:47:31.370 --> 00:47:32.969 Hundred percent echo everything that

NOTE Confidence: 0.9742915

00:47:32.969 --> 00:47:34.650 you're saying. And then just

NOTE Confidence: 0.9742915

00:47:34.650 --> 00:47:35.850 a few just key,  
NOTE Confidence: 0.92807907

00:47:36.330 --> 00:47:38.350 discussion points. You know, colorectal  
NOTE Confidence: 0.92807907

00:47:38.489 --> 00:47:40.250 cancer incidence is increasing in  
NOTE Confidence: 0.92807907

00:47:40.250 --> 00:47:41.450 young adults less than an  
NOTE Confidence: 0.92807907

00:47:41.450 --> 00:47:43.404 age fifty years old even  
NOTE Confidence: 0.92807907

00:47:43.404 --> 00:47:45.085 with though those without clear,  
NOTE Confidence: 0.972321

00:47:45.805 --> 00:47:47.744 risk factors or family history.  
NOTE Confidence: 0.972321

00:47:47.884 --> 00:47:49.265 And vigilance is needed,  
NOTE Confidence: 0.97595006

00:47:49.805 --> 00:47:51.565 to diagnose early. So getting  
NOTE Confidence: 0.97595006

00:47:51.565 --> 00:47:52.704 a thorough history  
NOTE Confidence: 0.9177354

00:47:53.164 --> 00:47:54.625 and not not dismissing,  
NOTE Confidence: 0.9650703

00:47:56.239 --> 00:47:58.000 symptoms, vague symptoms in young  
NOTE Confidence: 0.9650703

00:47:58.000 --> 00:47:59.599 adults is very important for  
NOTE Confidence: 0.9650703

00:47:59.599 --> 00:48:00.559 us from the primary care  
NOTE Confidence: 0.9650703

00:48:00.559 --> 00:48:01.059 side.  
NOTE Confidence: 0.9855624

00:48:01.760 --> 00:48:03.440 Oncology and primary care can

NOTE Confidence: 0.9855624

00:48:03.440 --> 00:48:05.059 partner to help provide holistic

NOTE Confidence: 0.9855624

00:48:05.119 --> 00:48:06.020 care to patients,

NOTE Confidence: 0.9556851

00:48:06.960 --> 00:48:08.739 and, again, especially that aftercare,

NOTE Confidence: 0.9556851

00:48:08.800 --> 00:48:10.079 right, so that patient doesn't

NOTE Confidence: 0.9556851

00:48:10.079 --> 00:48:10.819 feel forgotten

NOTE Confidence: 0.950982

00:48:11.195 --> 00:48:12.635 and are being being followed

NOTE Confidence: 0.950982

00:48:12.635 --> 00:48:13.455 through afterwards.

NOTE Confidence: 0.96014315

00:48:14.955 --> 00:48:16.315 And then with that, I

NOTE Confidence: 0.96014315

00:48:16.315 --> 00:48:17.355 think I was gonna share

NOTE Confidence: 0.96014315

00:48:17.755 --> 00:48:19.135 hand over to Tejal again.

NOTE Confidence: 0.96014315

00:48:19.355 --> 00:48:21.515 Yeah. So, doctor Yore has

NOTE Confidence: 0.96014315

00:48:21.515 --> 00:48:22.015 already,

NOTE Confidence: 0.9662226

00:48:23.035 --> 00:48:23.994 brought this up, but, you

NOTE Confidence: 0.9662226

00:48:23.994 --> 00:48:25.114 know, the question is what's

NOTE Confidence: 0.9662226

00:48:25.114 --> 00:48:26.840 next? What's happening now, And

NOTE Confidence: 0.9662226

00:48:26.840 --> 00:48:27.800 where are we looking for  
NOTE Confidence: 0.9662226

00:48:27.800 --> 00:48:28.540 in the future?  
NOTE Confidence: 0.9841525

00:48:28.920 --> 00:48:30.700 And I think that's where,  
NOTE Confidence: 0.83482

00:48:31.719 --> 00:48:33.880 these novel technologies such as  
NOTE Confidence: 0.83482

00:48:33.880 --> 00:48:35.320 the blood test blood piece  
NOTE Confidence: 0.83482

00:48:35.320 --> 00:48:36.700 testing that was already discussed  
NOTE Confidence: 0.97293013

00:48:37.160 --> 00:48:38.200 has a lot of promise  
NOTE Confidence: 0.97293013

00:48:38.200 --> 00:48:39.340 and a lot of excitement.  
NOTE Confidence: 0.9672761

00:48:40.535 --> 00:48:41.815 You know, the idea that  
NOTE Confidence: 0.9672761

00:48:41.815 --> 00:48:42.855 someone can just get a  
NOTE Confidence: 0.9672761

00:48:42.855 --> 00:48:43.975 blood test the same time  
NOTE Confidence: 0.9672761

00:48:43.975 --> 00:48:44.855 as they get all their  
NOTE Confidence: 0.9672761

00:48:44.855 --> 00:48:46.055 other labs and have that  
NOTE Confidence: 0.9672761

00:48:46.055 --> 00:48:46.775 be a part of their  
NOTE Confidence: 0.9672761

00:48:46.775 --> 00:48:48.614 colon cancer screening as well  
NOTE Confidence: 0.9672761

00:48:48.614 --> 00:48:50.235 as other cancer screenings eventually

NOTE Confidence: 0.9921546  
00:48:50.775 --> 00:48:52.560 is really exciting and might  
NOTE Confidence: 0.9921546  
00:48:52.800 --> 00:48:54.480 help to overcome some of  
NOTE Confidence: 0.9921546  
00:48:54.480 --> 00:48:56.000 those barriers that we are  
NOTE Confidence: 0.9921546  
00:48:56.000 --> 00:48:56.500 facing  
NOTE Confidence: 0.99657744  
00:48:57.040 --> 00:48:58.500 from a systematic standpoint  
NOTE Confidence: 0.99642897  
00:48:58.880 --> 00:48:59.860 for our patients.  
NOTE Confidence: 0.99833757  
00:49:00.480 --> 00:49:01.940 But as was already addressed,  
NOTE Confidence: 0.99833757  
00:49:02.080 --> 00:49:03.780 you know, our current technology  
NOTE Confidence: 0.9945828  
00:49:04.080 --> 00:49:05.780 is limited. So I think  
NOTE Confidence: 0.9945828  
00:49:05.945 --> 00:49:07.065 there's a lot more that  
NOTE Confidence: 0.9945828  
00:49:07.065 --> 00:49:08.585 is undergoing in terms of  
NOTE Confidence: 0.9945828  
00:49:08.585 --> 00:49:09.945 research right now and and  
NOTE Confidence: 0.9945828  
00:49:09.945 --> 00:49:10.744 a lot more to look  
NOTE Confidence: 0.9945828  
00:49:10.744 --> 00:49:11.965 forward to in the future.  
NOTE Confidence: 0.9945148  
00:49:14.825 --> 00:49:15.325 Excellent.  
NOTE Confidence: 0.98866963

00:49:15.625 --> 00:49:16.905 And then with that, we'd  
NOTE Confidence: 0.98866963

00:49:16.905 --> 00:49:18.105 like to share a few  
NOTE Confidence: 0.98866963

00:49:18.105 --> 00:49:19.625 final, key points to take  
NOTE Confidence: 0.98866963

00:49:19.625 --> 00:49:20.765 away from this lecture.  
NOTE Confidence: 0.9735302

00:49:21.810 --> 00:49:23.570 One being consider all types  
NOTE Confidence: 0.9735302

00:49:23.570 --> 00:49:24.790 of screening options.  
NOTE Confidence: 0.99818075

00:49:25.090 --> 00:49:26.130 If we think back to  
NOTE Confidence: 0.99818075

00:49:26.130 --> 00:49:27.190 our first patient,  
NOTE Confidence: 0.9767012

00:49:27.570 --> 00:49:29.330 they were appropriately screened with,  
NOTE Confidence: 0.9767012

00:49:29.650 --> 00:49:30.150 Cologuard.  
NOTE Confidence: 0.9713099

00:49:30.610 --> 00:49:32.210 They were due for another  
NOTE Confidence: 0.9713099

00:49:32.210 --> 00:49:33.650 Cologuard because they were at  
NOTE Confidence: 0.9713099

00:49:33.650 --> 00:49:35.489 around, the year three year  
NOTE Confidence: 0.9713099

00:49:35.489 --> 00:49:36.310 mark. Right?  
NOTE Confidence: 0.97782326

00:49:36.645 --> 00:49:37.844 However, it was a case  
NOTE Confidence: 0.97782326

00:49:37.844 --> 00:49:39.364 of rectal bleeding. Right? So

NOTE Confidence: 0.97782326

00:49:39.364 --> 00:49:41.145 that's when we shifted from

NOTE Confidence: 0.97782326

00:49:41.285 --> 00:49:42.905 screening to more diagnostic,

NOTE Confidence: 0.99797416

00:49:43.205 --> 00:49:44.425 and that's where the colonoscopy

NOTE Confidence: 0.99797416

00:49:44.645 --> 00:49:46.344 was more appropriate. So being

NOTE Confidence: 0.99797416

00:49:46.485 --> 00:49:47.625 able to identify

NOTE Confidence: 0.9941904

00:49:47.925 --> 00:49:49.545 the different types of modalities

NOTE Confidence: 0.9762945

00:49:50.420 --> 00:49:51.940 and, when to use what

NOTE Confidence: 0.9762945

00:49:51.940 --> 00:49:53.320 is very important for us.

NOTE Confidence: 0.9582315

00:49:53.700 --> 00:49:55.380 Do not dismiss mild rectal

NOTE Confidence: 0.9582315

00:49:55.380 --> 00:49:57.080 bleeding, needs close follow-up.

NOTE Confidence: 0.9956765

00:49:57.620 --> 00:49:59.940 Early detection of colorectal cancer

NOTE Confidence: 0.9956765

00:49:59.940 --> 00:50:01.460 is key for treatment options

NOTE Confidence: 0.9956765

00:50:01.460 --> 00:50:02.120 and survival.

NOTE Confidence: 0.99491537

00:50:02.934 --> 00:50:04.454 Taking a very thorough family

NOTE Confidence: 0.99491537

00:50:04.454 --> 00:50:06.234 history is key wherever possible.

NOTE Confidence: 0.97974795

00:50:07.174 --> 00:50:09.414 Colorectal cancer incidence is increasing

NOTE Confidence: 0.97974795

00:50:09.414 --> 00:50:10.315 in young adults,

NOTE Confidence: 0.97601974

00:50:10.694 --> 00:50:12.694 even without clear, risk factors.

NOTE Confidence: 0.97601974

00:50:12.694 --> 00:50:13.734 So we have to be

NOTE Confidence: 0.97601974

00:50:13.734 --> 00:50:15.174 vigilant to try to make

NOTE Confidence: 0.97601974

00:50:15.174 --> 00:50:16.155 an early diagnosis.

NOTE Confidence: 0.9346004

00:50:16.790 --> 00:50:18.469 And then very importantly, partnering

NOTE Confidence: 0.9346004

00:50:18.469 --> 00:50:20.150 with our colleagues, our GI

NOTE Confidence: 0.9346004

00:50:20.150 --> 00:50:22.250 specialists, our oncology specialists,

NOTE Confidence: 0.9826595

00:50:22.950 --> 00:50:24.330 especially when there's ambiguity

NOTE Confidence: 0.93376696

00:50:24.950 --> 00:50:26.230 or we have any suspicion

NOTE Confidence: 0.93376696

00:50:26.230 --> 00:50:27.750 for red flags is, very

NOTE Confidence: 0.93376696

00:50:27.750 --> 00:50:28.250 important.

NOTE Confidence: 0.9863821

00:50:28.550 --> 00:50:30.070 Taking a team based approach

NOTE Confidence: 0.9863821

00:50:30.070 --> 00:50:31.750 is, key for our patient

NOTE Confidence: 0.9863821

00:50:31.750 --> 00:50:32.250 care.

NOTE Confidence: 0.9259692  
00:50:32.685 --> 00:50:33.645 With that, I'd like to  
NOTE Confidence: 0.9259692  
00:50:33.645 --> 00:50:35.344 open up to our colleague,  
NOTE Confidence: 0.9259692  
00:50:35.485 --> 00:50:37.165 specialist colleagues. Is there any  
NOTE Confidence: 0.9259692  
00:50:37.165 --> 00:50:37.905 other final,  
NOTE Confidence: 0.97051656  
00:50:38.685 --> 00:50:40.205 thoughts or wisdom pearls that  
NOTE Confidence: 0.97051656  
00:50:40.205 --> 00:50:41.344 you would like to share?  
NOTE Confidence: 0.9809157  
00:50:45.520 --> 00:50:47.040 Thanks, Pia. I think you  
NOTE Confidence: 0.9809157  
00:50:47.040 --> 00:50:48.080 really hit the nail on  
NOTE Confidence: 0.9809157  
00:50:48.080 --> 00:50:48.960 the head there in terms  
NOTE Confidence: 0.9809157  
00:50:48.960 --> 00:50:49.940 of this is  
NOTE Confidence: 0.99916065  
00:50:50.320 --> 00:50:50.980 a collaboration  
NOTE Confidence: 0.9997669  
00:50:51.840 --> 00:50:52.340 between  
NOTE Confidence: 0.962765  
00:50:53.280 --> 00:50:54.880 multiple different groups. And I  
NOTE Confidence: 0.962765  
00:50:54.880 --> 00:50:55.380 think  
NOTE Confidence: 0.9967505  
00:50:56.160 --> 00:50:56.660 communication  
NOTE Confidence: 0.9987206

00:50:57.440 --> 00:50:57.940 between  
NOTE Confidence: 0.9798161

00:50:58.320 --> 00:50:59.655 the, you know, patients and  
NOTE Confidence: 0.9798161

00:50:59.655 --> 00:51:00.855 their providers is so important.  
NOTE Confidence: 0.9798161

00:51:00.855 --> 00:51:01.835 But the communication  
NOTE Confidence: 0.9996816

00:51:02.135 --> 00:51:02.635 between  
NOTE Confidence: 0.9884418

00:51:02.935 --> 00:51:04.455 the different providers from different  
NOTE Confidence: 0.9884418

00:51:04.455 --> 00:51:06.055 specialty groups is just as  
NOTE Confidence: 0.9884418

00:51:06.055 --> 00:51:06.555 important.  
NOTE Confidence: 0.9754402

00:51:07.094 --> 00:51:09.355 And building that relationship, increasing,  
NOTE Confidence: 0.99072874

00:51:09.655 --> 00:51:11.094 you know, the education, not  
NOTE Confidence: 0.99072874

00:51:11.094 --> 00:51:12.875 only among our medical community,  
NOTE Confidence: 0.9780387

00:51:13.390 --> 00:51:15.090 but going out there and  
NOTE Confidence: 0.9780387

00:51:15.150 --> 00:51:16.590 seeing meeting our patients where  
NOTE Confidence: 0.9780387

00:51:16.590 --> 00:51:18.510 they're at, understanding where their  
NOTE Confidence: 0.9780387

00:51:18.510 --> 00:51:20.350 barriers are, hearing from them,  
NOTE Confidence: 0.9780387

00:51:20.350 --> 00:51:21.890 meeting with community stakeholders.

NOTE Confidence: 0.9996052  
00:51:22.590 --> 00:51:24.369 I think that is so  
NOTE Confidence: 0.9996052  
00:51:24.430 --> 00:51:24.930 important  
NOTE Confidence: 0.96056294  
00:51:25.230 --> 00:51:26.130 to understand,  
NOTE Confidence: 0.97592914  
00:51:27.734 --> 00:51:29.815 you know, what what truly  
NOTE Confidence: 0.97592914  
00:51:29.815 --> 00:51:31.654 are the the challenges that  
NOTE Confidence: 0.97592914  
00:51:31.654 --> 00:51:33.494 our patients are facing and  
NOTE Confidence: 0.97592914  
00:51:33.494 --> 00:51:34.714 hearing from their voices  
NOTE Confidence: 0.98078185  
00:51:35.335 --> 00:51:36.775 can really help us as  
NOTE Confidence: 0.98078185  
00:51:36.775 --> 00:51:38.454 well, not only with the  
NOTE Confidence: 0.98078185  
00:51:38.454 --> 00:51:39.494 barriers that we know about,  
NOTE Confidence: 0.98078185  
00:51:39.494 --> 00:51:40.535 but those that we may  
NOTE Confidence: 0.98078185  
00:51:40.535 --> 00:51:42.180 not know, and also to  
NOTE Confidence: 0.98078185  
00:51:42.180 --> 00:51:43.859 help the disparity in care  
NOTE Confidence: 0.98078185  
00:51:43.859 --> 00:51:45.080 that we see as well.  
NOTE Confidence: 0.9806643  
00:51:45.460 --> 00:51:46.820 You're you're preaching to the  
NOTE Confidence: 0.9806643

00:51:46.820 --> 00:51:48.340 choir. I echo everything that  
NOTE Confidence: 0.9806643

00:51:48.340 --> 00:51:49.080 you say.  
NOTE Confidence: 0.9911088

00:51:51.219 --> 00:51:52.680 I just wanna remind  
NOTE Confidence: 0.91990536

00:51:53.380 --> 00:51:55.239 attendees, you can enter questions,  
NOTE Confidence: 0.9989155

00:51:55.700 --> 00:51:57.160 in the q and a  
NOTE Confidence: 0.9989155

00:51:57.435 --> 00:51:58.335 as we continue  
NOTE Confidence: 0.9365188

00:51:59.675 --> 00:52:00.955 to have a discussion amongst  
NOTE Confidence: 0.9365188

00:52:00.955 --> 00:52:01.695 our panelists.  
NOTE Confidence: 0.9244159

00:52:02.155 --> 00:52:03.675 Tracy, I didn't know, Doctor.  
NOTE Confidence: 0.9244159

00:52:03.675 --> 00:52:04.795 Battaglia, I didn't know if  
NOTE Confidence: 0.9244159

00:52:04.795 --> 00:52:06.235 you had any questions. You  
NOTE Confidence: 0.9244159

00:52:06.235 --> 00:52:07.515 have a huge interest in  
NOTE Confidence: 0.9244159

00:52:07.515 --> 00:52:09.355 disparity in cancer screening. What  
NOTE Confidence: 0.9244159

00:52:09.355 --> 00:52:10.475 what are some of the  
NOTE Confidence: 0.9244159

00:52:10.475 --> 00:52:12.075 questions that you had, for  
NOTE Confidence: 0.9244159

00:52:12.075 --> 00:52:13.055 the panel? Yeah. I mean,

NOTE Confidence: 0.9866987  
00:52:13.650 --> 00:52:14.930 I think that first of  
NOTE Confidence: 0.9866987  
00:52:14.930 --> 00:52:15.809 all, thank you for that  
NOTE Confidence: 0.9866987  
00:52:15.809 --> 00:52:18.049 wonderful discussion and dialogue. And,  
NOTE Confidence: 0.9866987  
00:52:18.450 --> 00:52:19.109 I think  
NOTE Confidence: 0.9115028  
00:52:19.489 --> 00:52:21.329 fear is my first emotion  
NOTE Confidence: 0.9115028  
00:52:21.329 --> 00:52:22.690 that I'm having in listening  
NOTE Confidence: 0.9115028  
00:52:22.690 --> 00:52:23.589 to this presentation  
NOTE Confidence: 0.97244537  
00:52:24.369 --> 00:52:25.650 for two reasons. Two of  
NOTE Confidence: 0.97244537  
00:52:25.650 --> 00:52:26.950 the cases that you presented,  
NOTE Confidence: 0.9891867  
00:52:27.645 --> 00:52:28.145 you  
NOTE Confidence: 0.9980003  
00:52:28.445 --> 00:52:29.645 know, common things are common  
NOTE Confidence: 0.9980003  
00:52:29.645 --> 00:52:30.705 in young people.  
NOTE Confidence: 0.99700147  
00:52:31.245 --> 00:52:33.025 Right? And so, you know,  
NOTE Confidence: 0.9997392  
00:52:34.285 --> 00:52:34.785 constipation  
NOTE Confidence: 0.99565506  
00:52:35.325 --> 00:52:36.385 and rectal bleeding  
NOTE Confidence: 0.9103544

00:52:36.844 --> 00:52:38.285 one time. Like, what does  
NOTE Confidence: 0.9103544

00:52:38.285 --> 00:52:39.965 close follow-up mean, and how  
NOTE Confidence: 0.9103544

00:52:39.965 --> 00:52:40.465 much  
NOTE Confidence: 0.999811

00:52:41.130 --> 00:52:42.029 do we tolerate  
NOTE Confidence: 0.99581367

00:52:42.329 --> 00:52:42.829 clinically  
NOTE Confidence: 0.9755572

00:52:43.210 --> 00:52:44.250 before we sort of pull  
NOTE Confidence: 0.9755572

00:52:44.250 --> 00:52:45.549 the trigger on a diagnostic  
NOTE Confidence: 0.9755572

00:52:45.769 --> 00:52:47.049 test? And similarly, in a  
NOTE Confidence: 0.9755572

00:52:47.049 --> 00:52:48.809 young menstruating female who has  
NOTE Confidence: 0.9755572

00:52:48.809 --> 00:52:49.309 IBS,  
NOTE Confidence: 0.97832984

00:52:50.089 --> 00:52:50.989 like, wow.  
NOTE Confidence: 0.9759061

00:52:51.690 --> 00:52:52.969 Like, can you just speak  
NOTE Confidence: 0.9759061

00:52:52.969 --> 00:52:53.930 a little bit more about  
NOTE Confidence: 0.9759061

00:52:53.930 --> 00:52:54.705 that? Because I think this  
NOTE Confidence: 0.9759061

00:52:54.705 --> 00:52:56.225 is our worst nightmare as  
NOTE Confidence: 0.9759061

00:52:56.225 --> 00:52:57.665 a primary care physician is

NOTE Confidence: 0.9759061  
00:52:57.665 --> 00:52:59.425 missing something like this. But  
NOTE Confidence: 0.9759061  
00:52:59.425 --> 00:53:00.625 yet every day in our  
NOTE Confidence: 0.9759061  
00:53:00.625 --> 00:53:02.305 practices, we're hearing these kinds  
NOTE Confidence: 0.9759061  
00:53:02.305 --> 00:53:03.045 of symptoms.  
NOTE Confidence: 0.94422185  
00:53:04.225 --> 00:53:05.445 I'll just say, you know,  
NOTE Confidence: 0.94422185  
00:53:05.665 --> 00:53:07.045 when we had iron deficiency  
NOTE Confidence: 0.94422185  
00:53:07.185 --> 00:53:07.685 anemia,  
NOTE Confidence: 0.96933913  
00:53:08.230 --> 00:53:09.270 you know, being a a  
NOTE Confidence: 0.96933913  
00:53:09.270 --> 00:53:10.710 premenopausal woman was like a  
NOTE Confidence: 0.96933913  
00:53:10.710 --> 00:53:11.750 get out of jail free  
NOTE Confidence: 0.96933913  
00:53:11.750 --> 00:53:13.190 call. Right? That meant you  
NOTE Confidence: 0.96933913  
00:53:13.190 --> 00:53:14.890 did not need to investigate  
NOTE Confidence: 0.96933913  
00:53:15.030 --> 00:53:16.710 colorectal. That's right. Source of  
NOTE Confidence: 0.96933913  
00:53:16.710 --> 00:53:18.550 blood loss, and it's just  
NOTE Confidence: 0.96933913  
00:53:18.550 --> 00:53:21.130 no longer true. Mhmm.  
NOTE Confidence: 0.9357368

00:53:22.585 --> 00:53:23.965 I I think our threshold  
NOTE Confidence: 0.9357368

00:53:24.025 --> 00:53:25.965 has gone down dramatically responding  
NOTE Confidence: 0.9357368

00:53:26.185 --> 00:53:27.945 precisely to that, and we  
NOTE Confidence: 0.9357368

00:53:27.945 --> 00:53:28.905 should. And and,  
NOTE Confidence: 0.9653641

00:53:29.465 --> 00:53:31.545 and, yeah, we could be  
NOTE Confidence: 0.9653641

00:53:31.545 --> 00:53:33.864 extremely sensitive and overload our  
NOTE Confidence: 0.9653641

00:53:33.864 --> 00:53:34.364 system.  
NOTE Confidence: 0.9599419

00:53:34.809 --> 00:53:36.890 But a close follow-up on  
NOTE Confidence: 0.9599419

00:53:36.890 --> 00:53:38.170 on things that are not  
NOTE Confidence: 0.9599419

00:53:38.170 --> 00:53:40.010 that clear, a very close  
NOTE Confidence: 0.9599419

00:53:40.010 --> 00:53:40.510 follow-up  
NOTE Confidence: 0.93036264

00:53:41.049 --> 00:53:42.489 and and whenever we don't  
NOTE Confidence: 0.93036264

00:53:42.489 --> 00:53:44.089 feel comfortable just going ahead  
NOTE Confidence: 0.93036264

00:53:44.089 --> 00:53:45.690 with the diagnostic test for  
NOTE Confidence: 0.93036264

00:53:45.690 --> 00:53:46.730 sure. I think we all  
NOTE Confidence: 0.93036264

00:53:46.730 --> 00:53:48.089 have responded to that, and

NOTE Confidence: 0.93036264  
00:53:48.089 --> 00:53:49.210 probably we just have to  
NOTE Confidence: 0.93036264  
00:53:49.210 --> 00:53:50.625 be more sensitive because what  
NOTE Confidence: 0.93036264  
00:53:50.625 --> 00:53:51.905 was say was saying. I  
NOTE Confidence: 0.93036264  
00:53:51.905 --> 00:53:52.725 mean, the the  
NOTE Confidence: 0.8599405  
00:53:53.425 --> 00:53:54.245 see, everyone  
NOTE Confidence: 0.9533822  
00:53:54.625 --> 00:53:56.145 born after nineteen sixty has  
NOTE Confidence: 0.9533822  
00:53:56.145 --> 00:53:57.745 a much higher risk of  
NOTE Confidence: 0.9533822  
00:53:57.745 --> 00:53:58.864 not only colon but other  
NOTE Confidence: 0.9533822  
00:53:58.864 --> 00:54:00.705 cancers. So we can approach  
NOTE Confidence: 0.9533822  
00:54:00.705 --> 00:54:01.205 things  
NOTE Confidence: 0.9733783  
00:54:01.585 --> 00:54:03.250 business as usual. We have  
NOTE Confidence: 0.9733783  
00:54:03.250 --> 00:54:04.690 to be much more vigilant  
NOTE Confidence: 0.9733783  
00:54:04.690 --> 00:54:06.130 and more aggressive, to tell  
NOTE Confidence: 0.9733783  
00:54:06.130 --> 00:54:07.989 you truth, with with symptoms.  
NOTE Confidence: 0.9560486  
00:54:08.450 --> 00:54:09.730 Yeah. And then I was  
NOTE Confidence: 0.9560486

00:54:09.730 --> 00:54:11.010 just thinking for that third  
NOTE Confidence: 0.9560486

00:54:11.010 --> 00:54:12.050 case, would we want to  
NOTE Confidence: 0.9560486

00:54:12.050 --> 00:54:13.330 get, like, a serial h  
NOTE Confidence: 0.9560486

00:54:13.330 --> 00:54:14.790 and h? Like, how frequent  
NOTE Confidence: 0.9560486

00:54:14.930 --> 00:54:15.910 would we check  
NOTE Confidence: 0.8866983

00:54:16.370 --> 00:54:17.910 the the hemoglobin there?  
NOTE Confidence: 0.9808362

00:54:19.674 --> 00:54:20.395 Yeah. I mean, I think  
NOTE Confidence: 0.9808362

00:54:20.395 --> 00:54:22.555 it really depends on on  
NOTE Confidence: 0.9808362

00:54:22.555 --> 00:54:24.255 the the context, but,  
NOTE Confidence: 0.99758565

00:54:25.515 --> 00:54:26.015 exactly  
NOTE Confidence: 0.90791637

00:54:26.315 --> 00:54:27.614 what we have been discussing,  
NOTE Confidence: 0.996048

00:54:28.075 --> 00:54:29.055 you know, if  
NOTE Confidence: 0.9923509

00:54:29.355 --> 00:54:31.535 there's anything that is persisting  
NOTE Confidence: 0.97802764

00:54:31.835 --> 00:54:33.840 or anything that's not just  
NOTE Confidence: 0.97802764

00:54:33.840 --> 00:54:35.520 doesn't feel right, if they  
NOTE Confidence: 0.97802764

00:54:35.520 --> 00:54:36.880 aren't responding the way that

NOTE Confidence: 0.97802764  
00:54:36.880 --> 00:54:38.980 that you'd expect them to,  
NOTE Confidence: 0.99825215  
00:54:39.520 --> 00:54:41.220 I think there should be  
NOTE Confidence: 0.99825215  
00:54:41.360 --> 00:54:42.660 a very low threshold  
NOTE Confidence: 0.99747205  
00:54:42.960 --> 00:54:43.700 to just  
NOTE Confidence: 0.97879505  
00:54:44.239 --> 00:54:46.320 ask, to just get checked  
NOTE Confidence: 0.97879505  
00:54:46.320 --> 00:54:47.440 out. And, of course, that's  
NOTE Confidence: 0.97879505  
00:54:47.440 --> 00:54:48.260 much easier  
NOTE Confidence: 0.9945157  
00:54:48.905 --> 00:54:50.744 said than done for the  
NOTE Confidence: 0.9945157  
00:54:50.744 --> 00:54:52.025 reasons that we've already discussed  
NOTE Confidence: 0.9945157  
00:54:52.025 --> 00:54:53.085 as well in terms  
NOTE Confidence: 0.96215475  
00:54:53.385 --> 00:54:55.484 of systems limitations and provider  
NOTE Confidence: 0.96215475  
00:54:55.545 --> 00:54:56.765 limitations and,  
NOTE Confidence: 0.8957065  
00:54:57.305 --> 00:54:58.425 all the barriers there are  
NOTE Confidence: 0.8957065  
00:54:58.425 --> 00:54:59.464 to get care in the  
NOTE Confidence: 0.8957065  
00:54:59.464 --> 00:55:00.825 first place. But I think  
NOTE Confidence: 0.8957065

00:55:00.825 --> 00:55:02.445 that's when, again, the communication  
NOTE Confidence: 0.8957065

00:55:02.665 --> 00:55:03.484 between providers can be very,  
NOTE Confidence: 0.72070885

00:55:05.250 --> 00:55:05.750 very  
NOTE Confidence: 0.9252709

00:55:06.050 --> 00:55:07.330 helpful. You know, you make  
NOTE Confidence: 0.9252709

00:55:07.330 --> 00:55:08.530 a great point there, Dejal.  
NOTE Confidence: 0.9252709

00:55:08.530 --> 00:55:09.489 I'm just thinking back to  
NOTE Confidence: 0.9252709

00:55:09.489 --> 00:55:11.590 another case I had, earlier  
NOTE Confidence: 0.9252709

00:55:11.730 --> 00:55:13.410 last week where I didn't  
NOTE Confidence: 0.9252709

00:55:13.410 --> 00:55:15.650 formally, consult oncology, but just  
NOTE Confidence: 0.9252709

00:55:15.650 --> 00:55:17.090 having a relationship with one  
NOTE Confidence: 0.9252709

00:55:17.090 --> 00:55:18.944 of our, heme oncologists in  
NOTE Confidence: 0.9252709

00:55:18.944 --> 00:55:20.704 Greenwich Hospital, Doctor. Montanari, I  
NOTE Confidence: 0.9252709

00:55:20.704 --> 00:55:21.744 was able to do, like,  
NOTE Confidence: 0.9252709

00:55:21.744 --> 00:55:22.944 a soft consult and come  
NOTE Confidence: 0.9252709

00:55:22.944 --> 00:55:23.844 up with a strategy.  
NOTE Confidence: 0.98115903

00:55:24.625 --> 00:55:25.904 And then we ended up

NOTE Confidence: 0.98115903  
00:55:25.904 --> 00:55:27.265 going a different route than  
NOTE Confidence: 0.98115903  
00:55:27.265 --> 00:55:29.765 going straight to, heme oncology  
NOTE Confidence: 0.98115903  
00:55:29.984 --> 00:55:31.825 to, make it more effective  
NOTE Confidence: 0.98115903  
00:55:31.825 --> 00:55:33.125 for the patient. So,  
NOTE Confidence: 0.9204787  
00:55:33.719 --> 00:55:35.340 just to summarize our relationships,  
NOTE Confidence: 0.9204787  
00:55:35.400 --> 00:55:36.940 collaborating with our colleagues,  
NOTE Confidence: 0.9857988  
00:55:37.560 --> 00:55:38.920 it's so important. It's an  
NOTE Confidence: 0.9857988  
00:55:38.920 --> 00:55:40.360 investment for patient care, right,  
NOTE Confidence: 0.9857988  
00:55:40.360 --> 00:55:42.060 to give better patient care.  
NOTE Confidence: 0.9541904  
00:55:43.960 --> 00:55:45.239 I wonder if I can  
NOTE Confidence: 0.9541904  
00:55:45.239 --> 00:55:46.380 follow-up on that,  
NOTE Confidence: 0.8742919  
00:55:47.395 --> 00:55:48.935 sort of this line of  
NOTE Confidence: 0.8742919  
00:55:49.075 --> 00:55:49.975 sort of discussion.  
NOTE Confidence: 0.96626765  
00:55:50.435 --> 00:55:51.475 It relates to sort of,  
NOTE Confidence: 0.96626765  
00:55:51.475 --> 00:55:52.675 like, how long is too  
NOTE Confidence: 0.96626765

00:55:52.675 --> 00:55:54.275 long to, like, wait in  
NOTE Confidence: 0.96626765

00:55:54.275 --> 00:55:55.795 terms of delay. Mhmm. And  
NOTE Confidence: 0.96626765

00:55:55.795 --> 00:55:57.235 we know that access in  
NOTE Confidence: 0.96626765

00:55:57.235 --> 00:55:57.895 our system  
NOTE Confidence: 0.9766606

00:55:58.275 --> 00:56:00.250 across the country is far  
NOTE Confidence: 0.9766606

00:56:00.250 --> 00:56:01.850 from perfect. And sometimes we  
NOTE Confidence: 0.9766606

00:56:01.850 --> 00:56:03.290 have to advocate as primary  
NOTE Confidence: 0.9766606

00:56:03.290 --> 00:56:04.750 care physicians to make sure  
NOTE Confidence: 0.9865175

00:56:05.050 --> 00:56:07.290 that colonoscopy gets prioritized or  
NOTE Confidence: 0.9865175

00:56:07.290 --> 00:56:08.110 that consultation,  
NOTE Confidence: 0.9808676

00:56:08.570 --> 00:56:10.030 you know, with whatever specialty  
NOTE Confidence: 0.9808676

00:56:10.090 --> 00:56:12.570 gets prioritized. And, unfortunately, we  
NOTE Confidence: 0.9808676

00:56:12.570 --> 00:56:13.790 don't necessarily have  
NOTE Confidence: 0.9681475

00:56:14.664 --> 00:56:15.944 safety net systems in our  
NOTE Confidence: 0.9681475

00:56:16.025 --> 00:56:17.224 all of our practices to  
NOTE Confidence: 0.9681475

00:56:17.224 --> 00:56:18.585 be be sort of managing

NOTE Confidence: 0.9681475  
00:56:18.585 --> 00:56:19.805 all of that. And so,  
NOTE Confidence: 0.9681475  
00:56:20.025 --> 00:56:20.744 you know, is it, like,  
NOTE Confidence: 0.9681475  
00:56:20.744 --> 00:56:22.424 a three month mark? Like,  
NOTE Confidence: 0.9681475  
00:56:22.424 --> 00:56:23.644 that was just, like,  
NOTE Confidence: 0.8579825  
00:56:24.025 --> 00:56:24.844 just unacceptable?  
NOTE Confidence: 0.95188427  
00:56:25.464 --> 00:56:27.144 Or I mean, obviously, I  
NOTE Confidence: 0.95188427  
00:56:27.144 --> 00:56:28.744 understand your index of suspicion  
NOTE Confidence: 0.95188427  
00:56:28.744 --> 00:56:30.480 is gonna sort of dictate  
NOTE Confidence: 0.95188427  
00:56:30.480 --> 00:56:31.600 that. But, like, in that  
NOTE Confidence: 0.95188427  
00:56:31.600 --> 00:56:33.120 case, for that that young  
NOTE Confidence: 0.95188427  
00:56:33.120 --> 00:56:34.719 woman, she's a stage three.  
NOTE Confidence: 0.95188427  
00:56:34.719 --> 00:56:35.540 Is that right?  
NOTE Confidence: 0.99665385  
00:56:37.680 --> 00:56:39.840 Yes. So, like, was there  
NOTE Confidence: 0.99665385  
00:56:39.840 --> 00:56:41.300 a long delay in her  
NOTE Confidence: 0.9260171  
00:56:41.600 --> 00:56:42.660 diagnostic workup?  
NOTE Confidence: 0.9252219

00:56:44.705 --> 00:56:46.645 I mean, that probably developed

NOTE Confidence: 0.9252219

00:56:46.785 --> 00:56:48.565 over the course of months.

NOTE Confidence: 0.9252219

00:56:48.705 --> 00:56:50.385 And, I would say, although

NOTE Confidence: 0.9252219

00:56:50.385 --> 00:56:51.344 she might have had a

NOTE Confidence: 0.9252219

00:56:51.344 --> 00:56:51.844 precancerous

NOTE Confidence: 0.9993452

00:56:52.225 --> 00:56:52.725 lesion

NOTE Confidence: 0.96763456

00:56:53.505 --> 00:56:55.025 over a year or more

NOTE Confidence: 0.96763456

00:56:55.060 --> 00:56:56.085 Right. Than that.

NOTE Confidence: 0.9305739

00:56:57.440 --> 00:56:57.940 So,

NOTE Confidence: 0.9806967

00:56:58.640 --> 00:56:59.219 I think,

NOTE Confidence: 0.9659748

00:57:00.719 --> 00:57:02.400 it's it's it's truly challenging.

NOTE Confidence: 0.9659748

00:57:02.400 --> 00:57:03.059 And I think

NOTE Confidence: 0.9983031

00:57:03.359 --> 00:57:04.339 this is where

NOTE Confidence: 0.98771495

00:57:04.799 --> 00:57:05.859 I'm really excited

NOTE Confidence: 0.9998246

00:57:06.239 --> 00:57:06.739 about

NOTE Confidence: 0.9926732

00:57:07.200 --> 00:57:07.700 the

NOTE Confidence: 0.9950745  
00:57:08.000 --> 00:57:09.140 developing technology  
NOTE Confidence: 0.9997635  
00:57:09.984 --> 00:57:10.645 to see  
NOTE Confidence: 0.9920342  
00:57:10.945 --> 00:57:12.165 what can we  
NOTE Confidence: 0.96064025  
00:57:12.945 --> 00:57:14.545 take, you know, have as  
NOTE Confidence: 0.96064025  
00:57:14.545 --> 00:57:15.905 a pressure release valve from  
NOTE Confidence: 0.96064025  
00:57:15.905 --> 00:57:16.565 our system.  
NOTE Confidence: 0.9994912  
00:57:17.025 --> 00:57:18.405 Can we transition  
NOTE Confidence: 0.987624  
00:57:18.785 --> 00:57:20.065 some of these really time  
NOTE Confidence: 0.987624  
00:57:20.065 --> 00:57:20.724 and resource,  
NOTE Confidence: 0.84972835  
00:57:21.744 --> 00:57:22.244 intensive,  
NOTE Confidence: 0.9994346  
00:57:23.540 --> 00:57:24.440 screening methodologies  
NOTE Confidence: 0.9488091  
00:57:24.900 --> 00:57:26.020 to things that are more  
NOTE Confidence: 0.9488091  
00:57:26.020 --> 00:57:26.520 accessible?  
NOTE Confidence: 0.9542263  
00:57:27.060 --> 00:57:28.500 And can that improve equity  
NOTE Confidence: 0.9542263  
00:57:28.500 --> 00:57:29.700 in the care there, not  
NOTE Confidence: 0.9542263

00:57:29.700 --> 00:57:30.660 only in terms of access,  
NOTE Confidence: 0.9542263

00:57:30.660 --> 00:57:32.520 but actually delivery as well.  
NOTE Confidence: 0.9991735

00:57:32.820 --> 00:57:34.119 But we're not there yet.  
NOTE Confidence: 0.94613624

00:57:34.500 --> 00:57:35.540 Doctor Iohr, do you have  
NOTE Confidence: 0.94613624

00:57:35.540 --> 00:57:37.055 thoughts? Well, I'm I'm it  
NOTE Confidence: 0.94613624

00:57:37.055 --> 00:57:38.174 just comes up to my  
NOTE Confidence: 0.94613624

00:57:38.174 --> 00:57:39.375 mind right away at the  
NOTE Confidence: 0.94613624

00:57:39.375 --> 00:57:40.434 screening level,  
NOTE Confidence: 0.9958984

00:57:41.135 --> 00:57:43.234 how we our data nationwide  
NOTE Confidence: 0.9958984

00:57:43.295 --> 00:57:45.234 in terms of follow-up colonoscopy  
NOTE Confidence: 0.9341854

00:57:45.694 --> 00:57:47.234 after a positive stool  
NOTE Confidence: 0.98246175

00:57:47.535 --> 00:57:48.974 based test, which is about  
NOTE Confidence: 0.98246175

00:57:48.974 --> 00:57:50.674 sixty percent over a year.  
NOTE Confidence: 0.9984339

00:57:50.974 --> 00:57:51.474 So  
NOTE Confidence: 0.9964852

00:57:52.200 --> 00:57:53.099 that's not good.  
NOTE Confidence: 0.972333

00:57:53.880 --> 00:57:54.760 That has a lot to

NOTE Confidence: 0.972333  
00:57:54.760 --> 00:57:56.200 do because for a lot  
NOTE Confidence: 0.972333  
00:57:56.200 --> 00:57:57.160 of reasons, one of them  
NOTE Confidence: 0.972333  
00:57:57.160 --> 00:57:58.200 is that we have not  
NOTE Confidence: 0.972333  
00:57:58.200 --> 00:57:59.880 fully developed a system that  
NOTE Confidence: 0.972333  
00:57:59.880 --> 00:58:00.380 prioritizes  
NOTE Confidence: 0.97000533  
00:58:00.680 --> 00:58:01.660 things appropriately.  
NOTE Confidence: 0.9794293  
00:58:01.960 --> 00:58:02.839 And if we do have  
NOTE Confidence: 0.9794293  
00:58:02.839 --> 00:58:04.520 a positive stool test, that's  
NOTE Confidence: 0.9794293  
00:58:04.520 --> 00:58:05.020 not,  
NOTE Confidence: 0.9925385  
00:58:05.560 --> 00:58:06.839 no longer an elective thing.  
NOTE Confidence: 0.9925385  
00:58:06.839 --> 00:58:08.175 That's something that needs to  
NOTE Confidence: 0.9925385  
00:58:08.175 --> 00:58:08.575 happen,  
NOTE Confidence: 0.89267886  
00:58:08.975 --> 00:58:10.575 within six months, and there  
NOTE Confidence: 0.89267886  
00:58:10.655 --> 00:58:11.695 and the six months is  
NOTE Confidence: 0.89267886  
00:58:11.695 --> 00:58:12.175 no,  
NOTE Confidence: 0.9329786

00:58:12.575 --> 00:58:14.335 no soft number is that  
NOTE Confidence: 0.9329786

00:58:14.335 --> 00:58:15.695 we know that really after  
NOTE Confidence: 0.9329786

00:58:15.695 --> 00:58:17.615 six and and more after  
NOTE Confidence: 0.9329786

00:58:17.615 --> 00:58:18.435 nine months,  
NOTE Confidence: 0.99628127

00:58:19.055 --> 00:58:21.235 prognosis does change. Therefore,  
NOTE Confidence: 0.971251

00:58:22.250 --> 00:58:23.369 this is something you have  
NOTE Confidence: 0.971251

00:58:23.369 --> 00:58:25.369 to to deal with, and  
NOTE Confidence: 0.971251

00:58:25.369 --> 00:58:26.569 I think it does call  
NOTE Confidence: 0.971251

00:58:26.569 --> 00:58:28.990 for that system wide reorganization  
NOTE Confidence: 0.9421441

00:58:29.690 --> 00:58:31.849 and and calling more on  
NOTE Confidence: 0.9421441

00:58:31.849 --> 00:58:33.470 on really risk stratifying.  
NOTE Confidence: 0.96804416

00:58:33.770 --> 00:58:34.970 If we have a low  
NOTE Confidence: 0.96804416

00:58:34.970 --> 00:58:35.950 risk person,  
NOTE Confidence: 0.9399902

00:58:36.885 --> 00:58:38.085 maybe those were the people  
NOTE Confidence: 0.9399902

00:58:38.085 --> 00:58:39.205 who are who can benefit  
NOTE Confidence: 0.9399902

00:58:39.205 --> 00:58:40.505 the most from the non,

NOTE Confidence: 0.75907385  
00:58:41.045 --> 00:58:41.545 nonaggressive  
NOTE Confidence: 0.95888025  
00:58:42.485 --> 00:58:44.085 screening options and then make  
NOTE Confidence: 0.95888025  
00:58:44.085 --> 00:58:45.125 sure that we have the  
NOTE Confidence: 0.95888025  
00:58:45.125 --> 00:58:45.625 availability  
NOTE Confidence: 0.9769698  
00:58:46.245 --> 00:58:47.685 for all these positive stool  
NOTE Confidence: 0.9769698  
00:58:47.685 --> 00:58:49.205 tests and for everyone who's  
NOTE Confidence: 0.9769698  
00:58:49.205 --> 00:58:51.205 at higher than average risk.  
NOTE Confidence: 0.9769698  
00:58:51.205 --> 00:58:52.680 So I think it does  
NOTE Confidence: 0.9769698  
00:58:52.680 --> 00:58:54.060 take us to think,  
NOTE Confidence: 0.97163254  
00:58:55.080 --> 00:58:56.599 in a more global way.  
NOTE Confidence: 0.97163254  
00:58:56.599 --> 00:58:57.640 As we were talking about  
NOTE Confidence: 0.97163254  
00:58:57.640 --> 00:58:58.920 this, Tejal was talking to  
NOTE Confidence: 0.97163254  
00:58:58.920 --> 00:59:00.280 us about the early onset  
NOTE Confidence: 0.97163254  
00:59:00.280 --> 00:59:02.280 cases, we can't just work  
NOTE Confidence: 0.97163254  
00:59:02.280 --> 00:59:03.800 on silos here because the  
NOTE Confidence: 0.97163254

00:59:03.800 --> 00:59:05.000 the needs of our patients  
NOTE Confidence: 0.97163254

00:59:05.000 --> 00:59:06.425 are much more complex than  
NOTE Confidence: 0.97163254

00:59:06.425 --> 00:59:07.545 that. And so we need  
NOTE Confidence: 0.97163254

00:59:07.545 --> 00:59:08.205 to understand  
NOTE Confidence: 0.9986098

00:59:08.744 --> 00:59:09.145 our,  
NOTE Confidence: 0.97789

00:59:09.625 --> 00:59:09.785 our,  
NOTE Confidence: 0.99672115

00:59:10.585 --> 00:59:12.365 capacity and our availability  
NOTE Confidence: 0.98918897

00:59:12.744 --> 00:59:14.025 to really make sense of  
NOTE Confidence: 0.98918897

00:59:14.025 --> 00:59:15.545 it to care for patients  
NOTE Confidence: 0.98918897

00:59:15.545 --> 00:59:16.925 in the most proper way,  
NOTE Confidence: 0.97993135

00:59:17.385 --> 00:59:18.985 and not everyone getting the  
NOTE Confidence: 0.97993135

00:59:18.985 --> 00:59:20.525 same thing because not everyone  
NOTE Confidence: 0.97993135

00:59:20.810 --> 00:59:21.930 is gonna benefit the same  
NOTE Confidence: 0.97993135

00:59:21.930 --> 00:59:22.810 way if we give them  
NOTE Confidence: 0.97993135

00:59:22.810 --> 00:59:23.550 the same things.  
NOTE Confidence: 0.9715933

00:59:24.170 --> 00:59:25.530 Yeah. There's two key things,

NOTE Confidence: 0.9715933

00:59:25.530 --> 00:59:26.890 you know, Shavira, from having

NOTE Confidence: 0.9715933

00:59:26.890 --> 00:59:28.570 participated in other talks with

NOTE Confidence: 0.9715933

00:59:28.570 --> 00:59:29.450 you. I mean, it's it's

NOTE Confidence: 0.9715933

00:59:29.450 --> 00:59:30.270 really clear

NOTE Confidence: 0.88148797

00:59:30.570 --> 00:59:31.630 that having a system

NOTE Confidence: 0.9887006

00:59:32.090 --> 00:59:33.609 for cancer screening. Right? It

NOTE Confidence: 0.9887006

00:59:33.690 --> 00:59:34.970 it's not just whether they're

NOTE Confidence: 0.9887006

00:59:34.970 --> 00:59:36.330 behind closed doors with any

NOTE Confidence: 0.9887006

00:59:36.330 --> 00:59:36.705 one

NOTE Confidence: 0.9603048

00:59:37.185 --> 00:59:39.105 clinician. The whole organization works

NOTE Confidence: 0.9603048

00:59:39.105 --> 00:59:39.925 on a system

NOTE Confidence: 0.9651523

00:59:40.305 --> 00:59:41.585 for making sure that people

NOTE Confidence: 0.9651523

00:59:41.585 --> 00:59:43.425 get screened and then adding

NOTE Confidence: 0.9651523

00:59:43.425 --> 00:59:44.565 in risk stratification,

NOTE Confidence: 0.9731872

00:59:45.825 --> 00:59:47.185 you know, for most proper

NOTE Confidence: 0.9731872

00:59:47.185 --> 00:59:48.545 use of resources, I think,  
NOTE Confidence: 0.9731872

00:59:48.545 --> 00:59:50.145 is is is really good.  
NOTE Confidence: 0.9731872

00:59:50.145 --> 00:59:51.780 And we have drawn to  
NOTE Confidence: 0.9731872

00:59:51.780 --> 00:59:53.320 the end of our hour.  
NOTE Confidence: 0.96925247

00:59:54.100 --> 00:59:55.460 And, you know, we almost  
NOTE Confidence: 0.96925247

00:59:55.460 --> 00:59:56.580 went over because this was  
NOTE Confidence: 0.96925247

00:59:56.580 --> 00:59:58.740 pretty interesting and incredibly well  
NOTE Confidence: 0.96925247

00:59:58.740 --> 01:00:00.260 presented. So thank you so  
NOTE Confidence: 0.96925247

01:00:00.260 --> 01:00:00.760 much,  
NOTE Confidence: 0.9779571

01:00:01.060 --> 01:00:02.200 to each of our panelists,  
NOTE Confidence: 0.97767705

01:00:03.060 --> 01:00:04.680 for all of your words  
NOTE Confidence: 0.97767705

01:00:04.740 --> 01:00:05.320 of wisdom  
NOTE Confidence: 0.9091647

01:00:07.055 --> 01:00:08.195 to us tonight.  
NOTE Confidence: 0.9558848

01:00:09.055 --> 01:00:10.575 And, thank you, Tracy, for  
NOTE Confidence: 0.9558848

01:00:10.575 --> 01:00:11.935 co hosting with me, and  
NOTE Confidence: 0.9558848

01:00:11.935 --> 01:00:13.635 thank you everybody who attended

NOTE Confidence: 0.9558848

01:00:13.695 --> 01:00:14.815 or who is watching this

NOTE Confidence: 0.9558848

01:00:14.815 --> 01:00:15.315 later.

NOTE Confidence: 0.9996462

01:00:16.015 --> 01:00:17.375 Thank you. Thank you so

NOTE Confidence: 0.9996462

01:00:17.375 --> 01:00:17.875 much.

NOTE Confidence: 0.99072933

01:00:18.255 --> 01:00:19.555 Bye. Take care.