

WEBVTT

NOTE Confidence: 0.935749109090909

00:00:00.000 --> 00:00:01.140 Good morning, everyone.

NOTE Confidence: 0.935749109090909

00:00:01.140 --> 00:00:03.040 We'll go ahead and get

NOTE Confidence: 0.935749109090909

00:00:03.040 --> 00:00:04.360 the festivities started.

NOTE Confidence: 0.935749109090909

00:00:04.360 --> 00:00:07.706 So we are just absolutely delighted to

NOTE Confidence: 0.935749109090909

00:00:07.706 --> 00:00:10.558 welcome Doctor Folasade May back to Yale.

NOTE Confidence: 0.935749109090909

00:00:10.560 --> 00:00:13.084 So Doctor May graduated cum laude from

NOTE Confidence: 0.935749109090909

00:00:13.084 --> 00:00:15.198 Yale University with a degree in molecular,

NOTE Confidence: 0.935749109090909

00:00:15.200 --> 00:00:16.856 cellular and developmental biology.

NOTE Confidence: 0.935749109090909

00:00:16.856 --> 00:00:19.825 She attended the University of Cambridge to

NOTE Confidence: 0.935749109090909

00:00:19.825 --> 00:00:21.960 study epidemiology and International health,

NOTE Confidence: 0.935749109090909

00:00:21.960 --> 00:00:23.615 earning a Master's of Philosophy

NOTE Confidence: 0.935749109090909

00:00:23.615 --> 00:00:24.277 in Epidemiology,

NOTE Confidence: 0.935749109090909

00:00:24.280 --> 00:00:26.720 and attended Harvard Medical School.

NOTE Confidence: 0.935749109090909

00:00:26.720 --> 00:00:29.248 During her Gastroenterology fellowship

NOTE Confidence: 0.935749109090909

00:00:29.248 --> 00:00:31.428 at UCLA, she earned a PHD

NOTE Confidence: 0.935749109090909
00:00:31.428 --> 00:00:34.000 in Health Policy and Management from the
NOTE Confidence: 0.935749109090909
00:00:34.000 --> 00:00:35.920 UCLA Fielding School of Public Health.
NOTE Confidence: 0.935749109090909
00:00:35.920 --> 00:00:37.710 Her doctoral dissertation addressed Black
NOTE Confidence: 0.935749109090909
00:00:37.710 --> 00:00:39.500 white disparities in colorectal cancer
NOTE Confidence: 0.935749109090909
00:00:39.552 --> 00:00:41.552 incidents, screening and outcomes. Dr.
NOTE Confidence: 0.935749109090909
00:00:41.552 --> 00:00:43.880 May's lab engages in health services,
NOTE Confidence: 0.935749109090909
00:00:43.880 --> 00:00:45.440 research and quality improvement
NOTE Confidence: 0.935749109090909
00:00:45.440 --> 00:00:47.000 related to population health,
NOTE Confidence: 0.935749109090909
00:00:47.000 --> 00:00:49.360 preventive medicine, and health disparities.
NOTE Confidence: 0.935749109090909
00:00:49.360 --> 00:00:51.172 The labs research spans several areas
NOTE Confidence: 0.935749109090909
00:00:51.172 --> 00:00:53.387 from the epidemiology of disease and these
NOTE Confidence: 0.935749109090909
00:00:53.387 --> 00:00:54.972 these risk factors to implementation
NOTE Confidence: 0.935749109090909
00:00:54.972 --> 00:00:56.880 science to improve disease outcomes.
NOTE Confidence: 0.935749109090909
00:00:56.880 --> 00:00:59.040 As Director of the Melvin and
NOTE Confidence: 0.935749109090909
00:00:59.040 --> 00:01:00.120 Brendan Simon Gastroenterology
NOTE Confidence: 0.935749109090909

00:01:00.120 --> 00:01:01.599 Quality Improvement Program,
NOTE Confidence: 0.935749109090909

00:01:01.600 --> 00:01:03.850 Doctor May also overseas the portfolio
NOTE Confidence: 0.935749109090909

00:01:03.850 --> 00:01:05.669 of quality improvement projects at
NOTE Confidence: 0.935749109090909

00:01:05.669 --> 00:01:07.503 UCLA Health to improve the quality of
NOTE Confidence: 0.935749109090909

00:01:07.503 --> 00:01:09.672 care for UCLA Health patients with
NOTE Confidence: 0.935749109090909

00:01:09.672 --> 00:01:11.720 gastrointestinal and liver conditions.
NOTE Confidence: 0.935749109090909

00:01:11.720 --> 00:01:13.748 Doctor May is passionate about improving
NOTE Confidence: 0.935749109090909

00:01:13.748 --> 00:01:15.100 awareness about preventive health
NOTE Confidence: 0.935749109090909

00:01:15.153 --> 00:01:16.713 and Health Equity and is involved in
NOTE Confidence: 0.935749109090909

00:01:16.713 --> 00:01:18.366 advocacy at the state and national
NOTE Confidence: 0.935749109090909

00:01:18.366 --> 00:01:20.040 level to develop and encourage policy
NOTE Confidence: 0.935749109090909

00:01:20.040 --> 00:01:21.336 to improve healthcare delivery.
NOTE Confidence: 0.935749109090909

00:01:21.336 --> 00:01:24.656 So we're going to do a quick photo with
NOTE Confidence: 0.935749109090909

00:01:24.656 --> 00:01:27.232 the presentation of the plaque.
NOTE Confidence: 0.935749109090909

00:01:27.240 --> 00:01:29.664 So again, we are so delighted to have
NOTE Confidence: 0.935749109090909

00:01:29.664 --> 00:01:31.919 Doctor May and welcome her back to Yale.

NOTE Confidence: 0.935749109090909
00:01:31.920 --> 00:01:33.635 Thank you so much for that introduction.
NOTE Confidence: 0.935749109090909
00:01:33.640 --> 00:01:34.160 Yeah, absolutely.
NOTE Confidence: 0.935749109090909
00:01:34.160 --> 00:01:35.200 And here we go.
NOTE Confidence: 0.935749109090909
00:01:35.200 --> 00:01:35.440 I'm happy
NOTE Confidence: 0.697441634
00:01:37.600 --> 00:01:39.984 to be in that photo. Thank you so much.
NOTE Confidence: 0.697441634
00:01:39.984 --> 00:01:41.400 I'll have to get the picture.
NOTE Confidence: 0.518014178333333
00:01:45.960 --> 00:01:47.196 Thank you. Thank you so much.
NOTE Confidence: 0.518014178333333
00:01:47.200 --> 00:01:48.796 We will mail this to you.
NOTE Confidence: 0.518014178333333
00:01:48.800 --> 00:01:49.919 So beautiful. Yeah.
NOTE Confidence: 0.518014178333333
00:01:49.919 --> 00:01:51.038 Thank you already.
NOTE Confidence: 0.518014178333333
00:01:51.040 --> 00:01:53.240 You don't need my eyes.
NOTE Confidence: 0.518014178333333
00:01:53.240 --> 00:01:54.956 These doors are your glasses too.
NOTE Confidence: 0.518014178333333
00:01:54.960 --> 00:01:55.726 Fantastic. OK.
NOTE Confidence: 0.518014178333333
00:01:55.726 --> 00:01:58.024 Well, thank you very much for
NOTE Confidence: 0.518014178333333
00:01:58.024 --> 00:01:59.627 that wonderful introduction and
NOTE Confidence: 0.518014178333333

00:01:59.627 --> 00:02:01.919 for the invitation to be here.
NOTE Confidence: 0.5180141783333333

00:02:01.920 --> 00:02:03.453 It's an absolute honor to be here
NOTE Confidence: 0.5180141783333333

00:02:03.453 --> 00:02:04.884 at the Yale Cancer Center today
NOTE Confidence: 0.5180141783333333

00:02:04.884 --> 00:02:06.557 and to speak with all of you.
NOTE Confidence: 0.5180141783333333

00:02:06.560 --> 00:02:07.850 And I'm actually really excited
NOTE Confidence: 0.5180141783333333

00:02:07.850 --> 00:02:09.947 to see so many people live in the
NOTE Confidence: 0.5180141783333333

00:02:09.947 --> 00:02:11.197 audience on a Friday morning.
NOTE Confidence: 0.5180141783333333

00:02:11.200 --> 00:02:13.678 So thank you for weathering the weather
NOTE Confidence: 0.5180141783333333

00:02:13.680 --> 00:02:15.997 and for coming to meet in person.
NOTE Confidence: 0.5180141783333333

00:02:16.000 --> 00:02:17.899 And thank you as well for those of you
NOTE Confidence: 0.5180141783333333

00:02:17.899 --> 00:02:19.477 online who I know are listening in,
NOTE Confidence: 0.5180141783333333

00:02:19.480 --> 00:02:20.952 I am going to try and keep my
NOTE Confidence: 0.5180141783333333

00:02:20.952 --> 00:02:22.462 eye on the chat and the Q&A.
NOTE Confidence: 0.5180141783333333

00:02:22.462 --> 00:02:24.034 So if you do have questions,
NOTE Confidence: 0.5180141783333333

00:02:24.040 --> 00:02:25.608 please add those there.
NOTE Confidence: 0.5180141783333333

00:02:25.608 --> 00:02:27.596 Also, if you're here live in the audience,

NOTE Confidence: 0.518014178333333
00:02:27.600 --> 00:02:29.280 please interrupt me if anything's unclear.
NOTE Confidence: 0.518014178333333
00:02:29.280 --> 00:02:31.200 If you have any questions.
NOTE Confidence: 0.518014178333333
00:02:31.200 --> 00:02:31.490 Today,
NOTE Confidence: 0.518014178333333
00:02:31.490 --> 00:02:33.520 I'm going to be talking about inequities
NOTE Confidence: 0.518014178333333
00:02:33.520 --> 00:02:35.558 and colorectal cancer screening and outcomes,
NOTE Confidence: 0.518014178333333
00:02:35.560 --> 00:02:37.390 which is what a large majority
NOTE Confidence: 0.518014178333333
00:02:37.390 --> 00:02:39.359 of the work is in my lab.
NOTE Confidence: 0.518014178333333
00:02:39.360 --> 00:02:42.630 I'll start by here just providing
NOTE Confidence: 0.518014178333333
00:02:42.630 --> 00:02:43.720 my disclosures.
NOTE Confidence: 0.518014178333333
00:02:43.720 --> 00:02:45.796 And since we are at Yale,
NOTE Confidence: 0.518014178333333
00:02:45.800 --> 00:02:47.880 I have to start with a few stories.
NOTE Confidence: 0.518014178333333
00:02:47.880 --> 00:02:50.085 So I was very honored to receive
NOTE Confidence: 0.518014178333333
00:02:50.085 --> 00:02:52.079 this invitation to come here today.
NOTE Confidence: 0.518014178333333
00:02:52.080 --> 00:02:53.200 I was thank you.
NOTE Confidence: 0.518014178333333
00:02:53.200 --> 00:02:55.654 But I I also was excited to share
NOTE Confidence: 0.518014178333333

00:02:55.654 --> 00:02:57.754 about the work that we're doing.
NOTE Confidence: 0.5180141783333333

00:02:57.760 --> 00:03:00.199 And it also gave me a time to some
NOTE Confidence: 0.5180141783333333

00:03:00.199 --> 00:03:01.413 opportunity to reflect because
NOTE Confidence: 0.5180141783333333

00:03:01.413 --> 00:03:02.878 it's actually been 20 years
NOTE Confidence: 0.5180141783333333

00:03:02.878 --> 00:03:04.760 since I've been on this campus.
NOTE Confidence: 0.5180141783333333

00:03:04.760 --> 00:03:07.786 I graduated from Yale undergrad in 2002.
NOTE Confidence: 0.5180141783333333

00:03:07.786 --> 00:03:09.142 I came back two years after
NOTE Confidence: 0.5180141783333333

00:03:09.142 --> 00:03:10.759 that for a conference and then
NOTE Confidence: 0.5180141783333333

00:03:10.759 --> 00:03:12.234 I haven't been back since.
NOTE Confidence: 0.5180141783333333

00:03:12.240 --> 00:03:14.326 This is actually a picture of my
NOTE Confidence: 0.5180141783333333

00:03:14.326 --> 00:03:15.835 parents who trusted me leaving
NOTE Confidence: 0.5180141783333333

00:03:15.835 --> 00:03:17.760 Los Angeles to come to the East
NOTE Confidence: 0.5180141783333333

00:03:17.760 --> 00:03:19.476 Coast for the very first time.
NOTE Confidence: 0.5180141783333333

00:03:19.480 --> 00:03:21.208 I've never even visited to become
NOTE Confidence: 0.5180141783333333

00:03:21.208 --> 00:03:22.680 an undergrad here at Yale.
NOTE Confidence: 0.5180141783333333

00:03:22.680 --> 00:03:24.792 That young man is my brother

NOTE Confidence: 0.518014178333333

00:03:24.792 --> 00:03:26.840 who's now much taller than me.

NOTE Confidence: 0.518014178333333

00:03:26.840 --> 00:03:29.143 So this is them dropping me off

NOTE Confidence: 0.518014178333333

00:03:29.143 --> 00:03:31.460 at old campus in August of 1998.

NOTE Confidence: 0.518014178333333

00:03:31.460 --> 00:03:34.120 I had an extraordinary 4 years here.

NOTE Confidence: 0.518014178333333

00:03:34.120 --> 00:03:36.493 I say that they were the years

NOTE Confidence: 0.518014178333333

00:03:36.493 --> 00:03:38.800 that helped me become who I am.

NOTE Confidence: 0.518014178333333

00:03:38.800 --> 00:03:41.626 That's me studying rigorously in my

NOTE Confidence: 0.518014178333333

00:03:41.626 --> 00:03:44.108 dorm room here in in Farnham Hall.

NOTE Confidence: 0.518014178333333

00:03:44.108 --> 00:03:46.319 I played on the JV volleyball team here,

NOTE Confidence: 0.518014178333333

00:03:46.320 --> 00:03:48.438 wasn't tall enough to play varsity.

NOTE Confidence: 0.518014178333333

00:03:48.440 --> 00:03:49.820 And then there's some pictures

NOTE Confidence: 0.518014178333333

00:03:49.820 --> 00:03:52.148 as well from my last week at Yale

NOTE Confidence: 0.518014178333333

00:03:52.148 --> 00:03:53.633 when I went through graduation.

NOTE Confidence: 0.518014178333333

00:03:53.640 --> 00:03:55.243 So I really think of Yale as

NOTE Confidence: 0.518014178333333

00:03:55.243 --> 00:03:56.560 kind of the beginning.

NOTE Confidence: 0.518014178333333

00:03:56.560 --> 00:03:56.964 I think,
NOTE Confidence: 0.518014178333333
00:03:56.964 --> 00:03:58.580 as many of us do think of college
NOTE Confidence: 0.518014178333333
00:03:58.633 --> 00:04:00.319 as the beginning of your adulthood,
NOTE Confidence: 0.518014178333333
00:04:00.320 --> 00:04:02.560 your opportunity to think independently.
NOTE Confidence: 0.518014178333333
00:04:02.560 --> 00:04:04.582 This is where I became impassioned
NOTE Confidence: 0.518014178333333
00:04:04.582 --> 00:04:06.944 about global health, social justice,
NOTE Confidence: 0.518014178333333
00:04:06.944 --> 00:04:08.960 medicine and research.
NOTE Confidence: 0.518014178333333
00:04:08.960 --> 00:04:10.643 And for me this is kind of a full
NOTE Confidence: 0.518014178333333
00:04:10.643 --> 00:04:11.957 circle moment to be back here.
NOTE Confidence: 0.518014178333333
00:04:11.960 --> 00:04:13.352 I was got in a little early yesterday
NOTE Confidence: 0.518014178333333
00:04:13.352 --> 00:04:14.598 and got to walk around campus.
NOTE Confidence: 0.518014178333333
00:04:14.600 --> 00:04:16.826 So I also want to thank you
NOTE Confidence: 0.518014178333333
00:04:16.826 --> 00:04:17.780 for the opportunity
NOTE Confidence: 0.859125213076923
00:04:17.854 --> 00:04:20.120 to do that. So with that context,
NOTE Confidence: 0.859125213076923
00:04:20.120 --> 00:04:21.640 where am I now?
NOTE Confidence: 0.859125213076923
00:04:21.640 --> 00:04:25.120 So as mentioned, I work at UCLA Health.

NOTE Confidence: 0.859125213076923
00:04:25.120 --> 00:04:26.240 After my time at Yale,
NOTE Confidence: 0.859125213076923
00:04:26.240 --> 00:04:28.004 I spent some time in the UK and then
NOTE Confidence: 0.859125213076923
00:04:28.004 --> 00:04:29.799 I was in Boston for a long time,
NOTE Confidence: 0.859125213076923
00:04:29.800 --> 00:04:31.160 maybe a little too long.
NOTE Confidence: 0.859125213076923
00:04:31.160 --> 00:04:32.768 And then it got very cold and we
NOTE Confidence: 0.859125213076923
00:04:32.768 --> 00:04:34.439 had our first child and we said,
NOTE Confidence: 0.859125213076923
00:04:34.440 --> 00:04:35.253 you know what,
NOTE Confidence: 0.859125213076923
00:04:35.253 --> 00:04:36.879 California's looking pretty good right now.
NOTE Confidence: 0.859125213076923
00:04:36.880 --> 00:04:39.358 So we went back to to California.
NOTE Confidence: 0.859125213076923
00:04:39.360 --> 00:04:40.920 My husband's from Northern California,
NOTE Confidence: 0.859125213076923
00:04:40.920 --> 00:04:42.908 I'm from Southern California,
NOTE Confidence: 0.859125213076923
00:04:42.908 --> 00:04:46.408 and I did my GI fellowship at UCLA UCLA
NOTE Confidence: 0.859125213076923
00:04:46.408 --> 00:04:47.400 has this amazing opportunity.
NOTE Confidence: 0.859125213076923
00:04:47.400 --> 00:04:49.157 I know there's a similar program here.
NOTE Confidence: 0.859125213076923
00:04:49.160 --> 00:04:51.215 It's called the STAR program
NOTE Confidence: 0.859125213076923

00:04:51.215 --> 00:04:52.338 that gives fellows.
NOTE Confidence: 0.859125213076923

00:04:52.338 --> 00:04:54.424 So these are people who have finished
NOTE Confidence: 0.859125213076923

00:04:54.424 --> 00:04:55.960 their internal medicine training.
NOTE Confidence: 0.859125213076923

00:04:55.960 --> 00:04:57.928 I had left MGH after my
NOTE Confidence: 0.859125213076923

00:04:57.928 --> 00:04:58.912 internals medicine training,
NOTE Confidence: 0.859125213076923

00:04:58.920 --> 00:05:00.240 thinking I wanted to do research,
NOTE Confidence: 0.859125213076923

00:05:00.240 --> 00:05:01.976 but I hadn't had a chance to do
NOTE Confidence: 0.859125213076923

00:05:01.976 --> 00:05:03.775 an MDPHD program and kind of
NOTE Confidence: 0.859125213076923

00:05:03.775 --> 00:05:05.960 regretted that I never did that PhD.
NOTE Confidence: 0.859125213076923

00:05:05.960 --> 00:05:07.118 So when I got to UCLA,
NOTE Confidence: 0.859125213076923

00:05:07.120 --> 00:05:08.940 we had this STAR program where you
NOTE Confidence: 0.859125213076923

00:05:08.940 --> 00:05:11.110 can actually do a PhD at the same
NOTE Confidence: 0.859125213076923

00:05:11.110 --> 00:05:12.440 time as your clinical fellowship.
NOTE Confidence: 0.859125213076923

00:05:12.440 --> 00:05:14.554 So as I did my GI fellowship,
NOTE Confidence: 0.859125213076923

00:05:14.560 --> 00:05:16.288 I received a PhD in Health
NOTE Confidence: 0.859125213076923

00:05:16.288 --> 00:05:17.152 Policy and Management,

NOTE Confidence: 0.859125213076923

00:05:17.160 --> 00:05:19.134 which is really a health services

NOTE Confidence: 0.859125213076923

00:05:19.134 --> 00:05:21.516 degree and really from that point did

NOTE Confidence: 0.859125213076923

00:05:21.516 --> 00:05:23.514 never look back from doing research.

NOTE Confidence: 0.859125213076923

00:05:23.520 --> 00:05:27.430 I was able to start the May lab in 2015

NOTE Confidence: 0.859125213076923

00:05:27.539 --> 00:05:30.024 and I became the director of quality

NOTE Confidence: 0.859125213076923

00:05:30.024 --> 00:05:32.356 for our health systems in GI in 2016.

NOTE Confidence: 0.859125213076923

00:05:32.356 --> 00:05:34.012 So right now this is kind

NOTE Confidence: 0.859125213076923

00:05:34.012 --> 00:05:35.879 of how I split my time.

NOTE Confidence: 0.859125213076923

00:05:35.880 --> 00:05:37.035 I do spend a lot of time

NOTE Confidence: 0.859125213076923

00:05:37.035 --> 00:05:37.880 running a research program.

NOTE Confidence: 0.859125213076923

00:05:37.880 --> 00:05:39.650 I do include the quality improvement

NOTE Confidence: 0.859125213076923

00:05:39.650 --> 00:05:41.320 in the research bucket 'cause we

NOTE Confidence: 0.859125213076923

00:05:41.320 --> 00:05:43.133 do publish a lot of that work and

NOTE Confidence: 0.859125213076923

00:05:43.133 --> 00:05:45.142 then I do about 20% patient care.

NOTE Confidence: 0.859125213076923

00:05:45.142 --> 00:05:46.768 I am involved in running the

NOTE Confidence: 0.859125213076923

00:05:46.768 --> 00:05:47.560 STAR program now.
NOTE Confidence: 0.859125213076923

00:05:47.560 --> 00:05:49.317 So that's my way of giving back.
NOTE Confidence: 0.859125213076923

00:05:49.320 --> 00:05:51.012 And I also have some small
NOTE Confidence: 0.859125213076923

00:05:51.012 --> 00:05:52.474 involvement in global Health at
NOTE Confidence: 0.859125213076923

00:05:52.474 --> 00:05:54.166 our Global Health program at the
NOTE Confidence: 0.859125213076923

00:05:54.166 --> 00:05:55.679 David Geppen School of Medicine.
NOTE Confidence: 0.859125213076923

00:05:55.680 --> 00:05:56.850 In the lab,
NOTE Confidence: 0.859125213076923

00:05:56.850 --> 00:05:58.800 it's largely health services research.
NOTE Confidence: 0.859125213076923

00:05:58.800 --> 00:06:00.480 There is a heavy lean towards cancer.
NOTE Confidence: 0.859125213076923

00:06:00.480 --> 00:06:02.118 We're going to talk today about one
NOTE Confidence: 0.859125213076923

00:06:02.118 --> 00:06:03.639 of these cancers and HealthEquity,
NOTE Confidence: 0.859125213076923

00:06:03.640 --> 00:06:05.476 but we also do a lot of clinical EPI.
NOTE Confidence: 0.859125213076923

00:06:05.480 --> 00:06:05.902 As mentioned,
NOTE Confidence: 0.859125213076923

00:06:05.902 --> 00:06:07.379 I did an EPI degree before I
NOTE Confidence: 0.859125213076923

00:06:07.379 --> 00:06:08.679 even went to medical school.
NOTE Confidence: 0.859125213076923

00:06:08.680 --> 00:06:10.265 We run clinical trials including

NOTE Confidence: 0.859125213076923

00:06:10.265 --> 00:06:12.470 some of the big national GI clinical

NOTE Confidence: 0.859125213076923

00:06:12.470 --> 00:06:14.416 trials that are going on right now

NOTE Confidence: 0.859125213076923

00:06:14.416 --> 00:06:17.029 and and and have a lot of foothold in

NOTE Confidence: 0.859125213076923

00:06:17.029 --> 00:06:18.748 population health and how you roll

NOTE Confidence: 0.859125213076923

00:06:18.748 --> 00:06:20.183 out interventions across the health

NOTE Confidence: 0.859125213076923

00:06:20.183 --> 00:06:21.838 system which ties into the Qi work

NOTE Confidence: 0.9028446505

00:06:23.960 --> 00:06:25.724 today. However, we're going to talk

NOTE Confidence: 0.9028446505

00:06:25.724 --> 00:06:27.641 about one specific disease that I would

NOTE Confidence: 0.9028446505

00:06:27.641 --> 00:06:29.237 say is the majority of my research,

NOTE Confidence: 0.9028446505

00:06:29.240 --> 00:06:31.880 and that's in colorectal cancer.

NOTE Confidence: 0.9028446505

00:06:31.880 --> 00:06:33.700 I'm going to start by talking about

NOTE Confidence: 0.9028446505

00:06:33.700 --> 00:06:35.159 national trends in this disease,

NOTE Confidence: 0.9028446505

00:06:35.160 --> 00:06:36.780 focusing on 2 areas that

NOTE Confidence: 0.9028446505

00:06:36.780 --> 00:06:38.400 are high interest to me.

NOTE Confidence: 0.9028446505

00:06:38.400 --> 00:06:40.836 Disparity is an early onset disease.

NOTE Confidence: 0.9028446505

00:06:40.840 --> 00:06:43.000 And then we'll also talk about
NOTE Confidence: 0.9028446505

00:06:43.000 --> 00:06:44.440 a colorectal cancer screening,
NOTE Confidence: 0.9028446505

00:06:44.440 --> 00:06:45.250 screening disparities,
NOTE Confidence: 0.9028446505

00:06:45.250 --> 00:06:47.275 including the challenges that we
NOTE Confidence: 0.9028446505

00:06:47.275 --> 00:06:49.367 have and barriers to screening
NOTE Confidence: 0.9028446505

00:06:49.367 --> 00:06:50.597 and potential solutions.
NOTE Confidence: 0.9028446505

00:06:50.600 --> 00:06:52.497 And then I'll end with a couple
NOTE Confidence: 0.9028446505

00:06:52.497 --> 00:06:54.321 things that I think are important
NOTE Confidence: 0.9028446505

00:06:54.321 --> 00:06:56.519 as we move forward in this area.
NOTE Confidence: 0.9028446505

00:06:56.520 --> 00:06:58.272 So I'm going to assume that
NOTE Confidence: 0.9028446505

00:06:58.272 --> 00:07:00.377 everyone in here is not going to
NOTE Confidence: 0.9028446505

00:07:00.377 --> 00:07:02.117 be too shocked by this slide,
NOTE Confidence: 0.9028446505

00:07:02.120 --> 00:07:03.982 but many people are surprised to hear
NOTE Confidence: 0.9028446505

00:07:03.982 --> 00:07:05.775 about the large burden of colorectal
NOTE Confidence: 0.9028446505

00:07:05.775 --> 00:07:07.959 cancer in the United States and globally.
NOTE Confidence: 0.9028446505

00:07:07.960 --> 00:07:09.808 It is the third most common cause

NOTE Confidence: 0.9028446505

00:07:09.808 --> 00:07:11.782 of cancer for men and women in

NOTE Confidence: 0.9028446505

00:07:11.782 --> 00:07:13.468 the United States and second most

NOTE Confidence: 0.9028446505

00:07:13.524 --> 00:07:15.179 common cause of cancer related

NOTE Confidence: 0.9028446505

00:07:15.179 --> 00:07:16.834 deaths in the United States.

NOTE Confidence: 0.9028446505

00:07:16.840 --> 00:07:18.982 And even though we have very

NOTE Confidence: 0.9028446505

00:07:18.982 --> 00:07:20.762 effective screening modalities and a

NOTE Confidence: 0.9028446505

00:07:20.762 --> 00:07:22.496 national call for everyone at some

NOTE Confidence: 0.9028446505

00:07:22.496 --> 00:07:24.557 point in their life to be screened,

NOTE Confidence: 0.9028446505

00:07:24.560 --> 00:07:26.756 one in three adults in the US do not

NOTE Confidence: 0.9028446505

00:07:26.756 --> 00:07:28.958 get screened for colorectal cancer,

NOTE Confidence: 0.9028446505

00:07:28.960 --> 00:07:31.822 which is a problem that many of us have

NOTE Confidence: 0.9028446505

00:07:31.822 --> 00:07:34.596 been trying to tackle since the 1990s.

NOTE Confidence: 0.9028446505

00:07:34.600 --> 00:07:36.856 Some of us do consider colorectal

NOTE Confidence: 0.9028446505

00:07:36.856 --> 00:07:38.360 cancer a success story.

NOTE Confidence: 0.9028446505

00:07:38.360 --> 00:07:39.336 Since the mid 1980s,

NOTE Confidence: 0.9028446505

00:07:39.336 --> 00:07:41.167 we have had a decline in incidence
NOTE Confidence: 0.9028446505

00:07:41.167 --> 00:07:42.712 and mortality from this disease
NOTE Confidence: 0.9028446505

00:07:42.712 --> 00:07:45.028 and you can see that on the figure
NOTE Confidence: 0.9028446505

00:07:45.028 --> 00:07:47.328 that's up here on this slide for men,
NOTE Confidence: 0.9028446505

00:07:47.328 --> 00:07:48.480 women and overall.
NOTE Confidence: 0.9028446505

00:07:48.480 --> 00:07:50.510 We've had a drop in overall numbers
NOTE Confidence: 0.9028446505

00:07:50.510 --> 00:07:52.624 looking at all age groups in this
NOTE Confidence: 0.9028446505

00:07:52.624 --> 00:07:54.400 disease and we attribute that to
NOTE Confidence: 0.9028446505

00:07:54.459 --> 00:07:56.199 the introduction of screening,
NOTE Confidence: 0.9028446505

00:07:56.200 --> 00:07:58.330 to the uptake of screening and
NOTE Confidence: 0.9028446505

00:07:58.330 --> 00:07:59.395 those who've participated,
NOTE Confidence: 0.9028446505

00:07:59.400 --> 00:08:01.200 but also partially into some improvements
NOTE Confidence: 0.9028446505

00:08:01.200 --> 00:08:03.181 that we've had in treatment and
NOTE Confidence: 0.9028446505

00:08:03.181 --> 00:08:04.996 reduction reduction in risk factors.
NOTE Confidence: 0.9028446505

00:08:05.000 --> 00:08:07.464 We do think that some of the reduction
NOTE Confidence: 0.9028446505

00:08:07.464 --> 00:08:09.420 in smoking has contributed to some

NOTE Confidence: 0.9028446505

00:08:09.420 --> 00:08:11.430 of the reduction in the number

NOTE Confidence: 0.9028446505

00:08:11.498 --> 00:08:13.976 of polyps that we see and polyp

NOTE Confidence: 0.9028446505

00:08:13.976 --> 00:08:15.600 progression to colorectal cancers.

NOTE Confidence: 0.9028446505

00:08:15.600 --> 00:08:17.608 But I do want to mention that it's

NOTE Confidence: 0.9028446505

00:08:17.608 --> 00:08:19.319 a success story with a caveat,

NOTE Confidence: 0.9028446505

00:08:19.320 --> 00:08:20.409 a couple caveats.

NOTE Confidence: 0.9028446505

00:08:20.409 --> 00:08:22.950 The first being that there were massive

NOTE Confidence: 0.9028446505

00:08:23.017 --> 00:08:25.117 disparities in colorectal cancer.

NOTE Confidence: 0.9028446505

00:08:25.120 --> 00:08:27.626 The group that has the highest incidence

NOTE Confidence: 0.9028446505

00:08:27.626 --> 00:08:30.119 of colorectal cancer is our American Indian,

NOTE Confidence: 0.9028446505

00:08:30.120 --> 00:08:31.215 Alaska Native population.

NOTE Confidence: 0.9028446505

00:08:31.215 --> 00:08:33.040 Those two groups are often

NOTE Confidence: 0.9028446505

00:08:33.040 --> 00:08:34.920 combined in national databases,

NOTE Confidence: 0.9028446505

00:08:34.920 --> 00:08:36.800 including SERE because they're small,

NOTE Confidence: 0.9028446505

00:08:36.800 --> 00:08:38.249 But I want to highlight that they

NOTE Confidence: 0.9028446505

00:08:38.249 --> 00:08:39.400 are very distinct populations.
NOTE Confidence: 0.9028446505

00:08:39.400 --> 00:08:39.892 And actually,
NOTE Confidence: 0.9028446505

00:08:39.892 --> 00:08:40.876 if you separate it,
NOTE Confidence: 0.9028446505

00:08:40.880 --> 00:08:44.408 it's the Alaska Native group that's largely
NOTE Confidence: 0.9028446505

00:08:44.408 --> 00:08:46.878 driving this epiphenomena that we see.
NOTE Confidence: 0.9028446505

00:08:46.880 --> 00:08:48.008 And then after that,
NOTE Confidence: 0.9028446505

00:08:48.008 --> 00:08:49.700 we have black individuals in the
NOTE Confidence: 0.9028446505

00:08:49.754 --> 00:08:51.534 United States having the second
NOTE Confidence: 0.9028446505

00:08:51.534 --> 00:08:53.314 highest rates of colorectal cancer,
NOTE Confidence: 0.9028446505

00:08:53.320 --> 00:08:54.964 then white Americans,
NOTE Confidence: 0.9028446505

00:08:54.964 --> 00:08:57.156 then our Latino population,
NOTE Confidence: 0.9028446505

00:08:57.160 --> 00:08:59.685 followed by our Asian and
NOTE Confidence: 0.9028446505

00:08:59.685 --> 00:09:01.200 Pacific Islander population.
NOTE Confidence: 0.9028446505

00:09:01.200 --> 00:09:02.676 So even though in the Asian,
NOTE Confidence: 0.9028446505

00:09:02.680 --> 00:09:04.372 Pacific Islander population it's
NOTE Confidence: 0.9028446505

00:09:04.372 --> 00:09:06.064 a relatively lower incidence

NOTE Confidence: 0.9028446505

00:09:06.064 --> 00:09:07.759 and mortality than in white,

NOTE Confidence: 0.9028446505

00:09:07.760 --> 00:09:09.016 black or Native Americans,

NOTE Confidence: 0.9028446505

00:09:09.016 --> 00:09:10.900 I do want to say and

NOTE Confidence: 0.869875046875

00:09:10.974 --> 00:09:13.716 highlight that for our Asian individuals,

NOTE Confidence: 0.869875046875

00:09:13.720 --> 00:09:15.616 it's still the number 2 cause

NOTE Confidence: 0.869875046875

00:09:15.616 --> 00:09:16.880 of cancer related mortality.

NOTE Confidence: 0.869875046875

00:09:16.880 --> 00:09:18.746 So in all of these groups

NOTE Confidence: 0.869875046875

00:09:18.746 --> 00:09:19.679 there's significant burden.

NOTE Confidence: 0.953138925384615

00:09:21.840 --> 00:09:24.336 We also know that we have similar trends

NOTE Confidence: 0.953138925384615

00:09:24.336 --> 00:09:26.239 for mortality of colorectal cancer.

NOTE Confidence: 0.953138925384615

00:09:26.240 --> 00:09:27.689 Now the bars here are going to

NOTE Confidence: 0.953138925384615

00:09:27.689 --> 00:09:29.016 be lower because we have fewer

NOTE Confidence: 0.953138925384615

00:09:29.016 --> 00:09:30.116 deaths than we have cases.

NOTE Confidence: 0.953138925384615

00:09:30.120 --> 00:09:31.821 But again we're going to see that

NOTE Confidence: 0.953138925384615

00:09:31.821 --> 00:09:33.525 the the largest number of deaths are

NOTE Confidence: 0.953138925384615

00:09:33.525 --> 00:09:35.367 going to be in our native communities
NOTE Confidence: 0.953138925384615

00:09:35.367 --> 00:09:37.039 followed by black individuals,
NOTE Confidence: 0.953138925384615

00:09:37.040 --> 00:09:40.796 white individuals, Latinos and then Asians.
NOTE Confidence: 0.953138925384615

00:09:40.800 --> 00:09:42.360 We also carry about state.
NOTE Confidence: 0.953138925384615

00:09:42.360 --> 00:09:44.278 We also care a lot about stage
NOTE Confidence: 0.953138925384615

00:09:44.278 --> 00:09:45.520 because for colorectal cancer,
NOTE Confidence: 0.953138925384615

00:09:45.520 --> 00:09:47.305 we know that if we can diagnose
NOTE Confidence: 0.953138925384615

00:09:47.305 --> 00:09:48.560 this disease at stage 1,
NOTE Confidence: 0.953138925384615

00:09:48.560 --> 00:09:51.000 the survival is over 90%.
NOTE Confidence: 0.953138925384615

00:09:51.000 --> 00:09:54.600 Survival at stage 4 is 13 percent or lower.
NOTE Confidence: 0.953138925384615

00:09:54.600 --> 00:09:56.088 So we do pay a lot of attention
NOTE Confidence: 0.953138925384615

00:09:56.088 --> 00:09:57.119 to stage at diagnosis.
NOTE Confidence: 0.953138925384615

00:09:57.120 --> 00:09:58.764 And when you look at distance
NOTE Confidence: 0.953138925384615

00:09:58.764 --> 00:10:00.679 stage at the time of diagnosis,
NOTE Confidence: 0.953138925384615

00:10:00.680 --> 00:10:04.348 we have the worst case for black
NOTE Confidence: 0.953138925384615

00:10:04.348 --> 00:10:06.996 individuals where 25% of cases

NOTE Confidence: 0.953138925384615
00:10:06.996 --> 00:10:10.188 are being diagnosed at a late
NOTE Confidence: 0.953138925384615
00:10:10.188 --> 00:10:11.890 stage five year survival.
NOTE Confidence: 0.953138925384615
00:10:11.890 --> 00:10:13.450 Similar disparities and trends
NOTE Confidence: 0.953138925384615
00:10:13.450 --> 00:10:15.895 where you have worse outcomes for
NOTE Confidence: 0.953138925384615
00:10:15.895 --> 00:10:17.920 black individuals and Alaska Native
NOTE Confidence: 0.953138925384615
00:10:17.920 --> 00:10:19.776 American Indian populations than
NOTE Confidence: 0.953138925384615
00:10:19.776 --> 00:10:22.560 you do in the other subgroups.
NOTE Confidence: 0.953138925384615
00:10:22.560 --> 00:10:24.702 The other caveat to the success story
NOTE Confidence: 0.953138925384615
00:10:24.702 --> 00:10:26.719 is the recent trend that we've seen
NOTE Confidence: 0.953138925384615
00:10:26.719 --> 00:10:29.323 at the for the age of onset of disease
NOTE Confidence: 0.953138925384615
00:10:29.323 --> 00:10:31.633 which we call early age onset disease.
NOTE Confidence: 0.953138925384615
00:10:31.640 --> 00:10:34.154 These are individuals who are diagnosed
NOTE Confidence: 0.953138925384615
00:10:34.154 --> 00:10:36.760 with colorectal cancer under the age of 50.
NOTE Confidence: 0.953138925384615
00:10:36.760 --> 00:10:37.005 Now,
NOTE Confidence: 0.953138925384615
00:10:37.005 --> 00:10:37.740 I'll tell you,
NOTE Confidence: 0.953138925384615

00:10:37.740 --> 00:10:39.815 it wasn't too long ago that I was
NOTE Confidence: 0.953138925384615

00:10:39.815 --> 00:10:40.903 an internal medicine resident
NOTE Confidence: 0.953138925384615

00:10:40.903 --> 00:10:42.617 and I was taught that colorectal
NOTE Confidence: 0.953138925384615

00:10:42.617 --> 00:10:44.626 cancer is the disease that you look
NOTE Confidence: 0.953138925384615

00:10:44.626 --> 00:10:46.400 for for people in their sixties,
NOTE Confidence: 0.953138925384615

00:10:46.400 --> 00:10:47.276 70s or 80s.
NOTE Confidence: 0.953138925384615

00:10:47.276 --> 00:10:49.028 I no longer teach that to
NOTE Confidence: 0.953138925384615

00:10:49.028 --> 00:10:50.999 my residents and fellows.
NOTE Confidence: 0.953138925384615

00:10:51.000 --> 00:10:52.791 This is the disease that we need to be
NOTE Confidence: 0.953138925384615

00:10:52.791 --> 00:10:54.435 aware of in people in their thirties,
NOTE Confidence: 0.953138925384615

00:10:54.440 --> 00:10:55.520 40s and 50s.
NOTE Confidence: 0.953138925384615

00:10:55.520 --> 00:10:57.320 And that's because of these
NOTE Confidence: 0.953138925384615

00:10:57.320 --> 00:10:59.119 different trends that we've seen.
NOTE Confidence: 0.953138925384615

00:10:59.120 --> 00:11:02.720 So if you look at individuals age 0 to 49,
NOTE Confidence: 0.953138925384615

00:11:02.720 --> 00:11:04.080 which is the first graph,
NOTE Confidence: 0.953138925384615

00:11:04.080 --> 00:11:05.700 we have increasing rates

NOTE Confidence: 0.953138925384615

00:11:05.700 --> 00:11:07.320 or incidents over time.

NOTE Confidence: 0.953138925384615

00:11:07.320 --> 00:11:09.336 We have some plateauing as well

NOTE Confidence: 0.953138925384615

00:11:09.336 --> 00:11:11.365 and individuals that are 50 to 64.

NOTE Confidence: 0.953138925384615

00:11:11.365 --> 00:11:13.965 This was a slope that 10 years ago

NOTE Confidence: 0.953138925384615

00:11:13.965 --> 00:11:16.740 was clearly downward and now we are

NOTE Confidence: 0.953138925384615

00:11:16.740 --> 00:11:18.868 seeing that even in middle-aged adults

NOTE Confidence: 0.953138925384615

00:11:18.868 --> 00:11:21.060 in their 50s and and early 60s that

NOTE Confidence: 0.953138925384615

00:11:21.115 --> 00:11:22.859 we don't see the huge of impact that

NOTE Confidence: 0.953138925384615

00:11:22.859 --> 00:11:25.077 we did up screening and treatment before.

NOTE Confidence: 0.953138925384615

00:11:25.080 --> 00:11:27.472 And the group that we're still seeing a

NOTE Confidence: 0.953138925384615

00:11:27.472 --> 00:11:29.719 big benefit is individuals over age 65,

NOTE Confidence: 0.953138925384615

00:11:29.720 --> 00:11:32.135 which again we attribute to higher uptake

NOTE Confidence: 0.953138925384615

00:11:32.135 --> 00:11:34.107 of screening and greater penetrance

NOTE Confidence: 0.953138925384615

00:11:34.107 --> 00:11:36.277 over time of screening programs.

NOTE Confidence: 0.953138925384615

00:11:36.280 --> 00:11:38.398 Mortality, we're seeing the same thing.

NOTE Confidence: 0.953138925384615

00:11:38.400 --> 00:11:38.866 Unfortunately,
NOTE Confidence: 0.953138925384615

00:11:38.866 --> 00:11:41.196 we're not seeing this downward
NOTE Confidence: 0.953138925384615

00:11:41.196 --> 00:11:42.594 slope and mortality,
NOTE Confidence: 0.953138925384615

00:11:42.600 --> 00:11:45.036 particularly with the under fifty group,
NOTE Confidence: 0.953138925384615

00:11:45.040 --> 00:11:47.476 we're seeing an upward swing and mortality.
NOTE Confidence: 0.953138925384615

00:11:47.480 --> 00:11:49.532 And even when you look at
NOTE Confidence: 0.953138925384615

00:11:49.532 --> 00:11:50.558 individuals over 65,
NOTE Confidence: 0.953138925384615

00:11:50.560 --> 00:11:52.800 there's some concern for plateauing.
NOTE Confidence: 0.953138925384615

00:11:52.800 --> 00:11:54.746 So this big success story that we've
NOTE Confidence: 0.953138925384615

00:11:54.746 --> 00:11:57.023 been touting is now at risk not only
NOTE Confidence: 0.953138925384615

00:11:57.023 --> 00:11:58.680 because the disparities that we see,
NOTE Confidence: 0.953138925384615

00:11:58.680 --> 00:12:01.440 but because of early onset disease.
NOTE Confidence: 0.953138925384615

00:12:01.440 --> 00:12:03.432 This is actually a publication that
NOTE Confidence: 0.953138925384615

00:12:03.432 --> 00:12:05.594 my Co wrote with some incredible
NOTE Confidence: 0.953138925384615

00:12:05.594 --> 00:12:08.275 colleagues led by Samir Gupta at UCSD,
NOTE Confidence: 0.953138925384615

00:12:08.280 --> 00:12:10.488 where we did an overview of

NOTE Confidence: 0.953138925384615

00:12:10.488 --> 00:12:11.960 early onset colorectal cancer.

NOTE Confidence: 0.845018782857143

00:12:11.960 --> 00:12:14.228 And we were able to show using CR data

NOTE Confidence: 0.845018782857143

00:12:14.228 --> 00:12:16.641 that when you look from 1992 to 2019,

NOTE Confidence: 0.845018782857143

00:12:16.641 --> 00:12:18.376 there's actually a notable shift

NOTE Confidence: 0.845018782857143

00:12:18.376 --> 00:12:20.543 in the proportion of individuals

NOTE Confidence: 0.845018782857143

00:12:20.543 --> 00:12:22.878 who are diagnosed with disease.

NOTE Confidence: 0.845018782857143

00:12:22.880 --> 00:12:24.104 I'll highlight first the

NOTE Confidence: 0.845018782857143

00:12:24.104 --> 00:12:26.200 group that is age 40 to 49,

NOTE Confidence: 0.845018782857143

00:12:26.200 --> 00:12:30.520 that's this darker red 5% of cases in 1992.

NOTE Confidence: 0.845018782857143

00:12:30.520 --> 00:12:33.012 And then in 2019 where we have

NOTE Confidence: 0.845018782857143

00:12:33.012 --> 00:12:34.477 the most complete SEER data,

NOTE Confidence: 0.845018782857143

00:12:34.480 --> 00:12:37.880 that population increased to 9%.

NOTE Confidence: 0.845018782857143

00:12:37.880 --> 00:12:40.960 Again looking at individuals 50 to 59,

NOTE Confidence: 0.845018782857143

00:12:40.960 --> 00:12:43.280 that population was about 12%

NOTE Confidence: 0.845018782857143

00:12:43.280 --> 00:12:47.120 in in 1992 and now is 21%.

NOTE Confidence: 0.845018782857143

00:12:47.120 --> 00:12:49.520 So these are profound changes
NOTE Confidence: 0.845018782857143

00:12:49.520 --> 00:12:52.200 in the epidemiology of disease.
NOTE Confidence: 0.845018782857143

00:12:52.200 --> 00:12:54.874 I'm also including here a slide on
NOTE Confidence: 0.845018782857143

00:12:54.874 --> 00:12:56.840 the demographic profile by race
NOTE Confidence: 0.845018782857143

00:12:56.840 --> 00:12:59.240 and ethnicity using the same data.
NOTE Confidence: 0.845018782857143

00:12:59.240 --> 00:13:02.848 As you can see in 1992 seventy 6% of
NOTE Confidence: 0.845018782857143

00:13:02.848 --> 00:13:06.040 cases were non Hispanic white individuals.
NOTE Confidence: 0.845018782857143

00:13:06.040 --> 00:13:08.800 That is dropped to 58% of cases
NOTE Confidence: 0.845018782857143

00:13:08.800 --> 00:13:10.693 in the 19 in 2019,
NOTE Confidence: 0.845018782857143

00:13:10.693 --> 00:13:13.411 probably even lower now if we
NOTE Confidence: 0.845018782857143

00:13:13.411 --> 00:13:15.650 actually had 2023 data and that is
NOTE Confidence: 0.845018782857143

00:13:15.650 --> 00:13:17.571 attributed to as you can see here
NOTE Confidence: 0.845018782857143

00:13:17.571 --> 00:13:19.433 an increase in the number of cases
NOTE Confidence: 0.845018782857143

00:13:19.433 --> 00:13:21.043 in Latino Hispanic individuals
NOTE Confidence: 0.845018782857143

00:13:21.043 --> 00:13:23.183 and non Hispanic American Indian
NOTE Confidence: 0.845018782857143

00:13:23.183 --> 00:13:25.330 Alaska Native individuals and also

NOTE Confidence: 0.845018782857143

00:13:25.330 --> 00:13:27.480 in non Hispanic black individuals.

NOTE Confidence: 0.931708531333333

00:13:29.520 --> 00:13:31.158 So in that context I want to talk a

NOTE Confidence: 0.931708531333333

00:13:31.158 --> 00:13:32.959 little bit about what's going on in the

NOTE Confidence: 0.931708531333333

00:13:32.959 --> 00:13:34.494 screening world and some of the work

NOTE Confidence: 0.931708531333333

00:13:34.494 --> 00:13:36.260 that we're doing to help close some

NOTE Confidence: 0.931708531333333

00:13:36.260 --> 00:13:39.185 of these gaps just to make sure that

NOTE Confidence: 0.931708531333333

00:13:39.185 --> 00:13:41.358 we are all starting on the same page.

NOTE Confidence: 0.931708531333333

00:13:41.360 --> 00:13:43.502 Colorectal cancer is very unique and that

NOTE Confidence: 0.931708531333333

00:13:43.502 --> 00:13:46.400 we have a precursor lesion called a polyp.

NOTE Confidence: 0.931708531333333

00:13:46.400 --> 00:13:48.297 So when I am doing a procedure

NOTE Confidence: 0.931708531333333

00:13:48.297 --> 00:13:50.717 see if I can use my mouse here.

NOTE Confidence: 0.931708531333333

00:13:50.720 --> 00:13:52.480 This is what a colon,

NOTE Confidence: 0.931708531333333

00:13:52.480 --> 00:13:53.960 this is what a normal colon looks like.

NOTE Confidence: 0.931708531333333

00:13:53.960 --> 00:13:55.840 When I'm in the colon with a scope,

NOTE Confidence: 0.931708531333333

00:13:55.840 --> 00:13:59.277 obviously it's can you see my pointer?

NOTE Confidence: 0.931708531333333

00:13:59.280 --> 00:14:00.636 No, you can't see my opponent.
NOTE Confidence: 0.931708531333333
00:14:00.640 --> 00:14:01.138 Let's see it.
NOTE Confidence: 0.931708531333333
00:14:01.138 --> 00:14:01.636 Does this work?
NOTE Confidence: 0.931853175714286
00:14:04.080 --> 00:14:06.786 I should have checked this technology
NOTE Confidence: 0.931853175714286
00:14:06.786 --> 00:14:09.160 before I tried using the mouse.
NOTE Confidence: 0.931853175714286
00:14:09.160 --> 00:14:11.043 It's not right. But I I'll I'll
NOTE Confidence: 0.931853175714286
00:14:11.043 --> 00:14:13.118 describe So the normal colon picture,
NOTE Confidence: 0.931853175714286
00:14:13.120 --> 00:14:15.160 that is a nice looking colon.
NOTE Confidence: 0.931853175714286
00:14:15.160 --> 00:14:17.112 As Doctor Lane knows, that's what we want
NOTE Confidence: 0.931853175714286
00:14:17.112 --> 00:14:19.239 to see when we're doing a colonoscopy.
NOTE Confidence: 0.931853175714286
00:14:19.240 --> 00:14:21.228 It's sparkly, it's pink,
NOTE Confidence: 0.931853175714286
00:14:21.228 --> 00:14:24.200 there's no polyps and about 50% of people,
NOTE Confidence: 0.931853175714286
00:14:24.200 --> 00:14:27.278 however, we're gonna see a polyp and in about
NOTE Confidence: 0.931853175714286
00:14:27.280 --> 00:14:30.200 25% of people those polyps are pre malignant.
NOTE Confidence: 0.931853175714286
00:14:30.200 --> 00:14:31.719 Now when we're looking at a polyp,
NOTE Confidence: 0.931853175714286
00:14:31.720 --> 00:14:33.862 we often cannot tell which one of

NOTE Confidence: 0.931853175714286

00:14:33.862 --> 00:14:36.162 those has the opportunity or the

NOTE Confidence: 0.931853175714286

00:14:36.162 --> 00:14:38.357 likelihood to progress into cancer.

NOTE Confidence: 0.931853175714286

00:14:38.360 --> 00:14:40.456 So we typically take out all the polyps

NOTE Confidence: 0.931853175714286

00:14:40.456 --> 00:14:42.998 that we see during a screening colonoscopy.

NOTE Confidence: 0.931853175714286

00:14:43.000 --> 00:14:43.788 Unfortunately though,

NOTE Confidence: 0.931853175714286

00:14:43.788 --> 00:14:46.546 if these polyps are left to themselves

NOTE Confidence: 0.931853175714286

00:14:46.546 --> 00:14:48.556 after years and years and years,

NOTE Confidence: 0.931853175714286

00:14:48.560 --> 00:14:50.996 they can develop into colorectal cancer.

NOTE Confidence: 0.931853175714286

00:14:51.000 --> 00:14:52.596 And this is the progression that

NOTE Confidence: 0.931853175714286

00:14:52.596 --> 00:14:54.644 we're trying to stop when we do

NOTE Confidence: 0.931853175714286

00:14:54.644 --> 00:14:55.880 screening for colorectal cancer.

NOTE Confidence: 0.931853175714286

00:14:55.880 --> 00:14:57.480 So we have two opportunities

NOTE Confidence: 0.931853175714286

00:14:57.480 --> 00:14:58.440 with colorectal cancer,

NOTE Confidence: 0.931853175714286

00:14:58.440 --> 00:14:59.815 which is very different from

NOTE Confidence: 0.931853175714286

00:14:59.815 --> 00:15:00.640 many other cancers.

NOTE Confidence: 0.931853175714286

00:15:00.640 --> 00:15:02.992 We can find the polyps and take them

NOTE Confidence: 0.931853175714286

00:15:02.992 --> 00:15:05.278 out before they transition to cancer.

NOTE Confidence: 0.931853175714286

00:15:05.280 --> 00:15:07.478 What that means is that's less people

NOTE Confidence: 0.931853175714286

00:15:07.478 --> 00:15:09.399 hearing the words you have cancer,

NOTE Confidence: 0.931853175714286

00:15:09.400 --> 00:15:11.680 right, because they never had cancer.

NOTE Confidence: 0.931853175714286

00:15:11.680 --> 00:15:13.710 But we also have the opportunity of

NOTE Confidence: 0.931853175714286

00:15:13.710 --> 00:15:15.480 finding a cancer early enough that

NOTE Confidence: 0.931853175714286

00:15:15.480 --> 00:15:17.988 you have that 90% cure rate that the

NOTE Confidence: 0.931853175714286

00:15:17.988 --> 00:15:20.800 words are more you have stage 1 cancer,

NOTE Confidence: 0.931853175714286

00:15:20.800 --> 00:15:23.440 we likely can cure you hopefully.

NOTE Confidence: 0.931853175714286

00:15:23.440 --> 00:15:24.232 So again,

NOTE Confidence: 0.931853175714286

00:15:24.232 --> 00:15:26.608 there's the prevention and an early

NOTE Confidence: 0.931853175714286

00:15:26.608 --> 00:15:28.279 detection benefit of screening.

NOTE Confidence: 0.931853175714286

00:15:28.280 --> 00:15:30.038 We know that screening is effective.

NOTE Confidence: 0.931853175714286

00:15:30.040 --> 00:15:32.902 We actually have RCT data that

NOTE Confidence: 0.931853175714286

00:15:32.902 --> 00:15:35.484 supports mostly Gwyac FOBT and

NOTE Confidence: 0.931853175714286

00:15:35.484 --> 00:15:37.828 flexible sigmoidoscopy and that's

NOTE Confidence: 0.931853175714286

00:15:37.828 --> 00:15:40.758 been extrapolated to assume that

NOTE Confidence: 0.931853175714286

00:15:40.844 --> 00:15:43.439 there's RCT evidence to support

NOTE Confidence: 0.931853175714286

00:15:43.440 --> 00:15:45.960 studies like FIT and colonoscopy,

NOTE Confidence: 0.931853175714286

00:15:45.960 --> 00:15:47.372 which are similar methodologies.

NOTE Confidence: 0.931853175714286

00:15:47.372 --> 00:15:49.490 Right now the most common screening

NOTE Confidence: 0.931853175714286

00:15:49.544 --> 00:15:51.284 test in the United States is

NOTE Confidence: 0.931853175714286

00:15:51.284 --> 00:15:52.920 colonoscopy and some health systems.

NOTE Confidence: 0.931853175714286

00:15:52.920 --> 00:15:54.996 It's up to 85% of screening,

NOTE Confidence: 0.931853175714286

00:15:55.000 --> 00:15:57.320 but we're about 70% national.

NOTE Confidence: 0.931853175714286

00:15:57.320 --> 00:15:59.090 And then of the stool based

NOTE Confidence: 0.931853175714286

00:15:59.090 --> 00:15:59.680 screening modalities,

NOTE Confidence: 0.931853175714286

00:15:59.680 --> 00:16:01.084 FIT or fecal immunochemical

NOTE Confidence: 0.931853175714286

00:16:01.084 --> 00:16:02.839 testing is the most common.

NOTE Confidence: 0.931853175714286

00:16:02.840 --> 00:16:05.125 Those are supported mostly by

NOTE Confidence: 0.931853175714286

00:16:05.125 --> 00:16:06.953 a large observational studies.
NOTE Confidence: 0.931853175714286

00:16:06.960 --> 00:16:08.316 And also this really, I think,
NOTE Confidence: 0.931853175714286

00:16:08.320 --> 00:16:10.170 amazing figure that was produced
NOTE Confidence: 0.931853175714286

00:16:10.170 --> 00:16:11.280 by Anne Zauber,
NOTE Confidence: 0.931853175714286

00:16:11.280 --> 00:16:13.320 an epidemiologist and her group
NOTE Confidence: 0.931853175714286

00:16:13.320 --> 00:16:15.360 that showed that over time,
NOTE Confidence: 0.931853175714286

00:16:15.360 --> 00:16:17.916 the red line is the incidence
NOTE Confidence: 0.931853175714286

00:16:17.916 --> 00:16:19.194 of colorectal cancer.
NOTE Confidence: 0.931853175714286

00:16:19.200 --> 00:16:22.080 The blue line is the incidence
NOTE Confidence: 0.931853175714286

00:16:22.080 --> 00:16:23.520 of colonoscopy uptake.
NOTE Confidence: 0.931853175714286

00:16:23.520 --> 00:16:25.437 And as you can see in the United States,
NOTE Confidence: 0.931853175714286

00:16:25.440 --> 00:16:28.116 as we've been using more colonoscopy,
NOTE Confidence: 0.931853175714286

00:16:28.120 --> 00:16:30.395 that incidence line is coming down South,
NOTE Confidence: 0.931853175714286

00:16:30.400 --> 00:16:33.088 another kind of observational piece of
NOTE Confidence: 0.931853175714286

00:16:33.088 --> 00:16:36.478 data that shows this early success story.
NOTE Confidence: 0.931853175714286

00:16:36.480 --> 00:16:38.196 Now as I mentioned before though,

NOTE Confidence: 0.931853175714286
00:16:38.200 --> 00:16:40.392 we don't see this in our young adults
NOTE Confidence: 0.931853175714286
00:16:40.392 --> 00:16:42.719 because we don't screen our young adults.
NOTE Confidence: 0.931853175714286
00:16:42.720 --> 00:16:44.949 And these are data that were released
NOTE Confidence: 0.931853175714286
00:16:44.949 --> 00:16:47.043 and JAMA Network open where they
NOTE Confidence: 0.931853175714286
00:16:47.043 --> 00:16:49.087 did a projection or a modeling
NOTE Confidence: 0.931853175714286
00:16:49.087 --> 00:16:50.959 study that showed that because of
NOTE Confidence: 0.931853175714286
00:16:50.959 --> 00:16:53.905 this 51% increase in young onset
NOTE Confidence: 0.931853175714286
00:16:53.905 --> 00:16:55.903 colorectal cancer since 1994,
NOTE Confidence: 0.931853175714286
00:16:55.903 --> 00:16:57.595 colorectal cancer is actually
NOTE Confidence: 0.931853175714286
00:16:57.595 --> 00:17:00.186 predicted to be the leading cause
NOTE Confidence: 0.931853175714286
00:17:00.186 --> 00:17:02.230 of cancer related deaths for
NOTE Confidence: 0.931853175714286
00:17:02.230 --> 00:17:05.240 individuals aged 20 to 49 by 2030.
NOTE Confidence: 0.931853175714286
00:17:05.240 --> 00:17:06.475 And actually the report that
NOTE Confidence: 0.931853175714286
00:17:06.475 --> 00:17:07.710 was released by the American
NOTE Confidence: 0.919895606315789
00:17:07.762 --> 00:17:09.137 Cancer Society just last month
NOTE Confidence: 0.919895606315789

00:17:09.137 --> 00:17:10.237 suggests that we're quite,
NOTE Confidence: 0.919895606315789

00:17:10.240 --> 00:17:12.020 we're actually there where we're
NOTE Confidence: 0.919895606315789

00:17:12.020 --> 00:17:14.134 seeing it and particularly in men
NOTE Confidence: 0.919895606315789

00:17:14.134 --> 00:17:15.484 that colorectal cancer aged 20
NOTE Confidence: 0.919895606315789

00:17:15.484 --> 00:17:17.930 to 49 is the number one cause of
NOTE Confidence: 0.919895606315789

00:17:17.930 --> 00:17:19.560 cancer related deaths in women,
NOTE Confidence: 0.919895606315789

00:17:19.560 --> 00:17:22.428 it's #2 by 2030 will probably
NOTE Confidence: 0.919895606315789

00:17:22.428 --> 00:17:25.160 be there for both groups.
NOTE Confidence: 0.919895606315789

00:17:25.160 --> 00:17:26.870 This change in epidemiology is
NOTE Confidence: 0.919895606315789

00:17:26.870 --> 00:17:29.019 largely what prompted the change in
NOTE Confidence: 0.919895606315789

00:17:29.019 --> 00:17:30.894 the United States Preventive Service
NOTE Confidence: 0.919895606315789

00:17:30.894 --> 00:17:32.793 Task Force recommendations in 2021.
NOTE Confidence: 0.919895606315789

00:17:32.793 --> 00:17:35.151 These are looked at every few
NOTE Confidence: 0.919895606315789

00:17:35.151 --> 00:17:36.800 years and every year.
NOTE Confidence: 0.919895606315789

00:17:36.800 --> 00:17:37.252 Previously,
NOTE Confidence: 0.919895606315789

00:17:37.252 --> 00:17:39.512 the recommendation had been grade

NOTE Confidence: 0.919895606315789

00:17:39.512 --> 00:17:42.078 A to start screening at age 50.

NOTE Confidence: 0.919895606315789

00:17:42.080 --> 00:17:44.908 We now have a grade B recommendation

NOTE Confidence: 0.919895606315789

00:17:44.908 --> 00:17:47.990 that people fit 4945 to 49 should also

NOTE Confidence: 0.919895606315789

00:17:47.990 --> 00:17:50.440 be screened by for colorectal cancer.

NOTE Confidence: 0.919895606315789

00:17:50.440 --> 00:17:52.376 This matters because everything

NOTE Confidence: 0.919895606315789

00:17:52.376 --> 00:17:55.728 that's grade A or B by USPFTF

NOTE Confidence: 0.919895606315789

00:17:55.728 --> 00:17:57.520 is mandated insurance coverage.

NOTE Confidence: 0.919895606315789

00:17:57.520 --> 00:17:58.764 And This is why,

NOTE Confidence: 0.919895606315789

00:17:58.764 --> 00:18:00.319 even though the American Cancer

NOTE Confidence: 0.919895606315789

00:18:00.319 --> 00:18:02.012 Society said this back in 2018,

NOTE Confidence: 0.919895606315789

00:18:02.012 --> 00:18:04.616 it's just now that we're starting to

NOTE Confidence: 0.919895606315789

00:18:04.616 --> 00:18:08.040 screen all of our 40 to 4045 to 49 year olds.

NOTE Confidence: 0.919895606315789

00:18:08.040 --> 00:18:09.505 I'll highlight that this is

NOTE Confidence: 0.919895606315789

00:18:09.505 --> 00:18:10.677 for average risk individuals.

NOTE Confidence: 0.919895606315789

00:18:10.680 --> 00:18:12.969 If there's a family history of polyposis

NOTE Confidence: 0.919895606315789

00:18:12.969 --> 00:18:14.480 syndrome or hereditary syndrome,
NOTE Confidence: 0.919895606315789

00:18:14.480 --> 00:18:17.399 we're actually going to screen much earlier.
NOTE Confidence: 0.919895606315789

00:18:17.400 --> 00:18:19.740 These are the USPFTF recommended
NOTE Confidence: 0.919895606315789

00:18:19.740 --> 00:18:20.676 screening modalities.
NOTE Confidence: 0.919895606315789

00:18:20.680 --> 00:18:21.920 As I alluded to before,
NOTE Confidence: 0.919895606315789

00:18:21.920 --> 00:18:23.475 we've got stool based strategies
NOTE Confidence: 0.919895606315789

00:18:23.475 --> 00:18:25.983 and then we've got what we call
NOTE Confidence: 0.919895606315789

00:18:25.983 --> 00:18:27.318 direct visualization techniques.
NOTE Confidence: 0.919895606315789

00:18:27.320 --> 00:18:29.035 Among the stool based strategy
NOTE Confidence: 0.919895606315789

00:18:29.035 --> 00:18:30.750 there is high sensitivity FOBT
NOTE Confidence: 0.919895606315789

00:18:30.808 --> 00:18:32.440 which is mostly out of favor.
NOTE Confidence: 0.919895606315789

00:18:32.440 --> 00:18:34.288 We have fit which is the number one
NOTE Confidence: 0.919895606315789

00:18:34.288 --> 00:18:36.043 stool based strategy and then stool
NOTE Confidence: 0.919895606315789

00:18:36.043 --> 00:18:37.598 DNA otherwise known as Cologuard.
NOTE Confidence: 0.919895606315789

00:18:37.600 --> 00:18:39.105 You've probably seen the commercial
NOTE Confidence: 0.919895606315789

00:18:39.105 --> 00:18:41.207 with the cartoon in the little white

NOTE Confidence: 0.919895606315789
00:18:41.207 --> 00:18:43.426 box which is a growing in use and
NOTE Confidence: 0.919895606315789
00:18:43.426 --> 00:18:45.932 actually we just saw last month in the
NOTE Confidence: 0.919895606315789
00:18:45.932 --> 00:18:48.239 New England Journal the release of the
NOTE Confidence: 0.919895606315789
00:18:48.239 --> 00:18:50.153 data for the Cologuard version 2.0,
NOTE Confidence: 0.919895606315789
00:18:50.153 --> 00:18:52.344 which is a newer version of their
NOTE Confidence: 0.919895606315789
00:18:52.344 --> 00:18:54.680 test that performs slightly better.
NOTE Confidence: 0.919895606315789
00:18:54.680 --> 00:18:56.260 The direct variation techniques
NOTE Confidence: 0.919895606315789
00:18:56.260 --> 00:18:57.840 are also listed here.
NOTE Confidence: 0.919895606315789
00:18:57.840 --> 00:18:58.904 These are all acceptable
NOTE Confidence: 0.919895606315789
00:18:58.904 --> 00:19:00.234 ways to screen for colon,
NOTE Confidence: 0.919895606315789
00:19:00.240 --> 00:19:01.576 not for colorectal cancer.
NOTE Confidence: 0.919895606315789
00:19:01.576 --> 00:19:03.580 And I think what's most shocking
NOTE Confidence: 0.919895606315789
00:19:03.638 --> 00:19:05.458 is that despite the fact that this
NOTE Confidence: 0.919895606315789
00:19:05.458 --> 00:19:07.320 is a rising burden of disease,
NOTE Confidence: 0.919895606315789
00:19:07.320 --> 00:19:08.872 a concerning disease that
NOTE Confidence: 0.919895606315789

00:19:08.872 --> 00:19:10.036 is highly impactful,
NOTE Confidence: 0.919895606315789

00:19:10.040 --> 00:19:12.014 despite the fact that we have evidence
NOTE Confidence: 0.919895606315789

00:19:12.014 --> 00:19:13.740 that screening works and the fact
NOTE Confidence: 0.919895606315789

00:19:13.740 --> 00:19:15.115 that everyone should be screened,
NOTE Confidence: 0.919895606315789

00:19:15.120 --> 00:19:17.520 we still have a problem with
NOTE Confidence: 0.919895606315789

00:19:17.520 --> 00:19:20.080 only about 6067% of people being
NOTE Confidence: 0.919895606315789

00:19:20.080 --> 00:19:21.840 screened even when we have all of
NOTE Confidence: 0.919895606315789

00:19:21.840 --> 00:19:23.200 these options for our patients.
NOTE Confidence: 0.919895606315789

00:19:23.200 --> 00:19:26.251 So we still are trying to find ways to
NOTE Confidence: 0.919895606315789

00:19:26.251 --> 00:19:29.597 have more people participate in screening.
NOTE Confidence: 0.919895606315789

00:19:29.600 --> 00:19:31.777 When you participate in one of the
NOTE Confidence: 0.919895606315789

00:19:31.777 --> 00:19:33.959 screening tests that is not a colonoscopy,
NOTE Confidence: 0.919895606315789

00:19:33.960 --> 00:19:35.952 we don't have the opportunity to
NOTE Confidence: 0.919895606315789

00:19:35.952 --> 00:19:38.569 go in and grab those polyps or
NOTE Confidence: 0.919895606315789

00:19:38.569 --> 00:19:40.599 or biopsy those early cancers.
NOTE Confidence: 0.919895606315789

00:19:40.600 --> 00:19:43.645 So we do call those two step

NOTE Confidence: 0.919895606315789
00:19:43.645 --> 00:19:44.515 screening processes.
NOTE Confidence: 0.919895606315789
00:19:44.520 --> 00:19:45.996 So whether you're talking about FIT,
NOTE Confidence: 0.919895606315789
00:19:46.000 --> 00:19:49.120 Cologuard, FOBT or CT colonography,
NOTE Confidence: 0.919895606315789
00:19:49.120 --> 00:19:51.560 if a polyp is found or abnormal abnormality
NOTE Confidence: 0.919895606315789
00:19:51.560 --> 00:19:53.758 is found during one of these tests,
NOTE Confidence: 0.919895606315789
00:19:53.760 --> 00:19:55.422 it's actually required that you have
NOTE Confidence: 0.919895606315789
00:19:55.422 --> 00:19:57.247 the second step which is colonoscopy
NOTE Confidence: 0.919895606315789
00:19:57.247 --> 00:19:58.917 to complete the screening process.
NOTE Confidence: 0.919895606315789
00:19:58.920 --> 00:20:00.552 Now this seems obvious,
NOTE Confidence: 0.919895606315789
00:20:00.552 --> 00:20:00.960 right,
NOTE Confidence: 0.919895606315789
00:20:00.960 --> 00:20:02.955 but I work in settings where only
NOTE Confidence: 0.906923790555555
00:20:02.960 --> 00:20:06.215 18% of patients have that throughput from
NOTE Confidence: 0.906923790555555
00:20:06.215 --> 00:20:09.505 abnormal fit or abnormal stool based
NOTE Confidence: 0.906923790555555
00:20:09.505 --> 00:20:12.515 testing to the completion colonoscopy.
NOTE Confidence: 0.906923790555555
00:20:12.520 --> 00:20:15.300 Participation and screening varies
NOTE Confidence: 0.906923790555555

00:20:15.300 --> 00:20:18.080 broadly across patient demographics.
NOTE Confidence: 0.9069237905555555

00:20:18.080 --> 00:20:19.568 These are data from the National
NOTE Confidence: 0.9069237905555555

00:20:19.568 --> 00:20:20.312 Health Interview Survey.
NOTE Confidence: 0.9069237905555555

00:20:20.320 --> 00:20:22.532 So the caveat here is that these
NOTE Confidence: 0.9069237905555555

00:20:22.532 --> 00:20:23.840 are patient reported data.
NOTE Confidence: 0.9069237905555555

00:20:23.840 --> 00:20:24.680 And if anything,
NOTE Confidence: 0.9069237905555555

00:20:24.680 --> 00:20:27.060 we've found that when you look at EHR
NOTE Confidence: 0.9069237905555555

00:20:27.060 --> 00:20:28.835 data versus patient reported data,
NOTE Confidence: 0.9069237905555555

00:20:28.840 --> 00:20:30.020 the patient reported data actually
NOTE Confidence: 0.9069237905555555

00:20:30.020 --> 00:20:31.200 is maybe a little higher.
NOTE Confidence: 0.9069237905555555

00:20:31.200 --> 00:20:32.616 Patients like to report that they've
NOTE Confidence: 0.9069237905555555

00:20:32.616 --> 00:20:34.120 done things that maybe they haven't.
NOTE Confidence: 0.9069237905555555

00:20:34.120 --> 00:20:35.961 So we're going to take this with
NOTE Confidence: 0.9069237905555555

00:20:35.961 --> 00:20:38.344 a caveat that that 59% at the top,
NOTE Confidence: 0.9069237905555555

00:20:38.344 --> 00:20:39.974 we're probably even lower than
NOTE Confidence: 0.9069237905555555

00:20:39.974 --> 00:20:41.520 that in these patients.

NOTE Confidence: 0.906923790555555
00:20:41.520 --> 00:20:43.200 And there's also a lot of misremembering.
NOTE Confidence: 0.906923790555555
00:20:43.200 --> 00:20:44.721 I mean, I can't tell you how many times
NOTE Confidence: 0.906923790555555
00:20:44.721 --> 00:20:46.183 I've asked a patient when did you
NOTE Confidence: 0.906923790555555
00:20:46.183 --> 00:20:47.439 have your colonoscopy and they said,
NOTE Confidence: 0.906923790555555
00:20:47.440 --> 00:20:48.960 oh, it was last year and then we
NOTE Confidence: 0.906923790555555
00:20:48.960 --> 00:20:50.708 look in the chart and it was six
NOTE Confidence: 0.906923790555555
00:20:50.708 --> 00:20:52.230 years ago and nowhere close, right.
NOTE Confidence: 0.906923790555555
00:20:52.230 --> 00:20:54.090 And it happens with the stool
NOTE Confidence: 0.906923790555555
00:20:54.090 --> 00:20:55.400 based test as well.
NOTE Confidence: 0.906923790555555
00:20:55.400 --> 00:20:55.892 So overall,
NOTE Confidence: 0.906923790555555
00:20:55.892 --> 00:20:57.368 we're not doing very well at
NOTE Confidence: 0.906923790555555
00:20:57.368 --> 00:20:59.005 the top of the chart at 59%.
NOTE Confidence: 0.906923790555555
00:20:59.005 --> 00:21:00.955 You'll see the differences by age.
NOTE Confidence: 0.906923790555555
00:21:00.960 --> 00:21:03.382 Of course just because we've just started
NOTE Confidence: 0.906923790555555
00:21:03.382 --> 00:21:05.160 screening our 45 to 49 year olds,
NOTE Confidence: 0.906923790555555

00:21:05.160 --> 00:21:06.312 we're going to have the lowest
NOTE Confidence: 0.9069237905555555

00:21:06.312 --> 00:21:07.080 uptake in that group.
NOTE Confidence: 0.9069237905555555

00:21:07.080 --> 00:21:08.669 But we also haven't been very well
NOTE Confidence: 0.9069237905555555

00:21:08.669 --> 00:21:10.289 at a screen done very well at
NOTE Confidence: 0.9069237905555555

00:21:10.289 --> 00:21:11.920 screening our 50 to 54 year olds.
NOTE Confidence: 0.9069237905555555

00:21:11.920 --> 00:21:14.872 And prior to the release of the new guidance,
NOTE Confidence: 0.9069237905555555

00:21:14.880 --> 00:21:16.792 a lot of us are focusing on those
NOTE Confidence: 0.9069237905555555

00:21:16.792 --> 00:21:18.783 50 year old patients because those
NOTE Confidence: 0.9069237905555555

00:21:18.783 --> 00:21:20.955 people were under screened as well.
NOTE Confidence: 0.9069237905555555

00:21:20.960 --> 00:21:23.960 Males and females do pretty well,
NOTE Confidence: 0.9069237905555555

00:21:23.960 --> 00:21:25.514 but we have seen, as I mentioned,
NOTE Confidence: 0.9069237905555555

00:21:25.520 --> 00:21:27.480 big differences by race, ethnicity.
NOTE Confidence: 0.9069237905555555

00:21:27.480 --> 00:21:29.919 I will highlight that in the last 10 years,
NOTE Confidence: 0.9069237905555555

00:21:29.920 --> 00:21:33.560 the black white screening gap has narrowed.
NOTE Confidence: 0.9069237905555555

00:21:33.560 --> 00:21:35.674 I I don't believe these data completely
NOTE Confidence: 0.9069237905555555

00:21:35.674 --> 00:21:37.557 because when you look at EHR data,

NOTE Confidence: 0.906923790555555

00:21:37.560 --> 00:21:39.857 there's still more than a 1% difference,

NOTE Confidence: 0.906923790555555

00:21:39.857 --> 00:21:42.496 but it does signal that we've done

NOTE Confidence: 0.906923790555555

00:21:42.496 --> 00:21:45.039 a good job of closing that gap.

NOTE Confidence: 0.906923790555555

00:21:45.040 --> 00:21:47.306 But look at the other non white

NOTE Confidence: 0.906923790555555

00:21:47.306 --> 00:21:48.798 racial ethnic groups again.

NOTE Confidence: 0.906923790555555

00:21:48.800 --> 00:21:50.914 When we're looking at our native populations,

NOTE Confidence: 0.906923790555555

00:21:50.920 --> 00:21:53.116 Asian and Hispanic individuals, we do.

NOTE Confidence: 0.906923790555555

00:21:53.120 --> 00:21:54.560 We have a lot of work to do.

NOTE Confidence: 0.906923790555555

00:21:54.560 --> 00:21:56.207 So this is where a lot of our work

NOTE Confidence: 0.906923790555555

00:21:56.207 --> 00:21:57.399 focuses on in the underserved,

NOTE Confidence: 0.906923790555555

00:21:57.400 --> 00:21:59.570 not just our black community but our

NOTE Confidence: 0.906923790555555

00:21:59.570 --> 00:22:02.120 other groups that are have low rates as well.

NOTE Confidence: 0.906923790555555

00:22:02.120 --> 00:22:03.808 I think I also hear put a lie

NOTE Confidence: 0.906923790555555

00:22:03.808 --> 00:22:05.320 where where you're born matters.

NOTE Confidence: 0.906923790555555

00:22:05.320 --> 00:22:06.616 So our immigrant populations

NOTE Confidence: 0.906923790555555

00:22:06.616 --> 00:22:08.236 have very low screening rates.
NOTE Confidence: 0.9069237905555555

00:22:08.240 --> 00:22:09.722 And then also what how your
NOTE Confidence: 0.9069237905555555

00:22:09.722 --> 00:22:11.532 insurance type is going to be a
NOTE Confidence: 0.9069237905555555

00:22:11.532 --> 00:22:12.556 large predator for screening.
NOTE Confidence: 0.9069237905555555

00:22:12.560 --> 00:22:14.191 So when I talk about inequities and
NOTE Confidence: 0.9069237905555555

00:22:14.191 --> 00:22:16.040 when I talk about underserved, yes,
NOTE Confidence: 0.9069237905555555

00:22:16.040 --> 00:22:17.440 for me it did start with black,
NOTE Confidence: 0.9069237905555555

00:22:17.440 --> 00:22:17.706 white,
NOTE Confidence: 0.9069237905555555

00:22:17.706 --> 00:22:19.036 and that's what my dissertation
NOTE Confidence: 0.9069237905555555

00:22:19.036 --> 00:22:20.360 was on for my PhD.
NOTE Confidence: 0.9069237905555555

00:22:20.360 --> 00:22:22.410 But it really has expanded
NOTE Confidence: 0.9069237905555555

00:22:22.410 --> 00:22:23.640 to include Latinos,
NOTE Confidence: 0.9069237905555555

00:22:23.640 --> 00:22:25.824 which is a group that we're seeing
NOTE Confidence: 0.9069237905555555

00:22:25.824 --> 00:22:27.799 the highest rise and early onset.
NOTE Confidence: 0.9069237905555555

00:22:27.800 --> 00:22:29.680 It also includes individuals
NOTE Confidence: 0.9069237905555555

00:22:29.680 --> 00:22:31.560 who are Native American.

NOTE Confidence: 0.906923790555555
00:22:31.560 --> 00:22:32.565 I'll talk about one of
NOTE Confidence: 0.906923790555555
00:22:32.565 --> 00:22:33.570 the products that I have
NOTE Confidence: 0.813446738571429
00:22:33.619 --> 00:22:35.375 in the Tribal Nations and it also
NOTE Confidence: 0.813446738571429
00:22:35.375 --> 00:22:37.370 gives people who are foreign born and
NOTE Confidence: 0.813446738571429
00:22:37.431 --> 00:22:39.671 also who have insurance types that are
NOTE Confidence: 0.813446738571429
00:22:39.671 --> 00:22:41.680 barriers to them getting screened.
NOTE Confidence: 0.894020198
00:22:44.240 --> 00:22:46.704 The why. This is complicated and I could
NOTE Confidence: 0.894020198
00:22:46.704 --> 00:22:49.078 spend an hour talking about the why,
NOTE Confidence: 0.894020198
00:22:49.080 --> 00:22:50.568 but I've tried to just distill
NOTE Confidence: 0.894020198
00:22:50.568 --> 00:22:52.638 it into a quick slide here on
NOTE Confidence: 0.894020198
00:22:52.638 --> 00:22:53.994 social determinants of health.
NOTE Confidence: 0.894020198
00:22:54.000 --> 00:22:55.986 There are conditions about your life
NOTE Confidence: 0.894020198
00:22:55.986 --> 00:22:58.779 that make it more or less likely for
NOTE Confidence: 0.894020198
00:22:58.779 --> 00:23:00.879 you to participate in your healthcare.
NOTE Confidence: 0.894020198
00:23:00.880 --> 00:23:03.480 You can boil it down to competing demands.
NOTE Confidence: 0.894020198

00:23:03.480 --> 00:23:05.380 I I tend to find that a lot of our
NOTE Confidence: 0.894020198

00:23:05.445 --> 00:23:06.969 underserved populations have so
NOTE Confidence: 0.894020198

00:23:06.969 --> 00:23:09.255 many health and non health competing
NOTE Confidence: 0.894020198

00:23:09.319 --> 00:23:11.199 demands that getting screened for
NOTE Confidence: 0.894020198

00:23:11.199 --> 00:23:13.079 a preventive getting a preventive
NOTE Confidence: 0.894020198

00:23:13.080 --> 00:23:15.621 screening test for a cancer or disease
NOTE Confidence: 0.894020198

00:23:15.621 --> 00:23:17.917 they don't have is off the table.
NOTE Confidence: 0.894020198

00:23:17.920 --> 00:23:20.452 But the the more specific reasons
NOTE Confidence: 0.894020198

00:23:20.452 --> 00:23:22.691 for screening have been populated
NOTE Confidence: 0.894020198

00:23:22.691 --> 00:23:25.036 through a myriad of studies.
NOTE Confidence: 0.894020198

00:23:25.040 --> 00:23:27.518 This, I thought, was really interesting.
NOTE Confidence: 0.894020198

00:23:27.520 --> 00:23:30.040 This is Kaiser Family Foundation data,
NOTE Confidence: 0.894020198

00:23:30.040 --> 00:23:31.832 which I love all the data that
NOTE Confidence: 0.894020198

00:23:31.832 --> 00:23:32.600 they release online.
NOTE Confidence: 0.894020198

00:23:32.600 --> 00:23:35.952 They looked at the number of adverse social
NOTE Confidence: 0.894020198

00:23:35.952 --> 00:23:38.916 determinants of health by race and ethnicity,

NOTE Confidence: 0.894020198

00:23:38.920 --> 00:23:40.600 and they found that at the first bar,

NOTE Confidence: 0.894020198

00:23:40.600 --> 00:23:41.800 if you're a black individual,

NOTE Confidence: 0.894020198

00:23:41.800 --> 00:23:43.348 you have 16 worse,

NOTE Confidence: 0.894020198

00:23:43.348 --> 00:23:45.283 on average social determinants of

NOTE Confidence: 0.894020198

00:23:45.283 --> 00:23:47.319 health than a white individual.

NOTE Confidence: 0.894020198

00:23:47.320 --> 00:23:49.520 And you can see for Latinos it's similar,

NOTE Confidence: 0.894020198

00:23:49.520 --> 00:23:51.359 but even Asian,

NOTE Confidence: 0.894020198

00:23:51.359 --> 00:23:54.148 our native populations and our

NOTE Confidence: 0.894020198

00:23:54.148 --> 00:23:56.518 native Hawaiian populations as well.

NOTE Confidence: 0.894020198

00:23:56.520 --> 00:23:57.180 So this is,

NOTE Confidence: 0.894020198

00:23:57.180 --> 00:23:59.450 this was I think a nice way to quantify

NOTE Confidence: 0.894020198

00:23:59.450 --> 00:24:01.115 these competing demands that happen

NOTE Confidence: 0.894020198

00:24:01.115 --> 00:24:03.510 in life and to kind of at baseline

NOTE Confidence: 0.894020198

00:24:03.510 --> 00:24:05.641 try to understand why it is that when

NOTE Confidence: 0.894020198

00:24:05.641 --> 00:24:07.510 you have four children at home and

NOTE Confidence: 0.894020198

00:24:07.569 --> 00:24:09.557 elderly parent to take care of four
NOTE Confidence: 0.894020198

00:24:09.557 --> 00:24:11.719 jobs trying to put food on the table,
NOTE Confidence: 0.894020198

00:24:11.720 --> 00:24:13.358 don't even have a primary care provider.
NOTE Confidence: 0.894020198

00:24:13.360 --> 00:24:15.376 The idea of getting screened for
NOTE Confidence: 0.894020198

00:24:15.376 --> 00:24:17.327 colorectal cancer is not even on
NOTE Confidence: 0.894020198

00:24:17.327 --> 00:24:18.953 on the list of priorities for
NOTE Confidence: 0.894020198

00:24:18.953 --> 00:24:20.800 you that day or year or month.
NOTE Confidence: 0.894020198

00:24:20.800 --> 00:24:22.195 We've done a lot of work in this area.
NOTE Confidence: 0.894020198

00:24:22.200 --> 00:24:24.318 I'm going to populate this slide
NOTE Confidence: 0.894020198

00:24:24.320 --> 00:24:26.126 and this also combines work from
NOTE Confidence: 0.894020198

00:24:26.126 --> 00:24:27.669 colleagues in this area where
NOTE Confidence: 0.894020198

00:24:27.669 --> 00:24:29.379 we've tried to look at barriers
NOTE Confidence: 0.894020198

00:24:29.379 --> 00:24:31.040 to screening on a multi level.
NOTE Confidence: 0.894020198

00:24:31.040 --> 00:24:33.000 I like to look at it as patient
NOTE Confidence: 0.894020198

00:24:33.000 --> 00:24:34.478 provider health system and policy.
NOTE Confidence: 0.894020198

00:24:34.480 --> 00:24:36.328 What struck me most about this work when

NOTE Confidence: 0.894020198

00:24:36.328 --> 00:24:38.023 I started doing it was that everyone

NOTE Confidence: 0.894020198

00:24:38.023 --> 00:24:40.040 wanted to talk about the patient problems,

NOTE Confidence: 0.894020198

00:24:40.040 --> 00:24:40.273 right.

NOTE Confidence: 0.894020198

00:24:40.273 --> 00:24:41.438 The patient being the problem.

NOTE Confidence: 0.894020198

00:24:41.440 --> 00:24:43.351 The patient won't get screened because the

NOTE Confidence: 0.894020198

00:24:43.351 --> 00:24:45.517 patient has this and that and these barriers.

NOTE Confidence: 0.894020198

00:24:45.520 --> 00:24:47.300 But let's that's also highlight

NOTE Confidence: 0.894020198

00:24:47.300 --> 00:24:49.080 that there are provider factors.

NOTE Confidence: 0.894020198

00:24:49.080 --> 00:24:51.160 So that second box here,

NOTE Confidence: 0.894020198

00:24:51.160 --> 00:24:53.664 there are data that show that when you

NOTE Confidence: 0.894020198

00:24:53.664 --> 00:24:56.360 when you survey primary care providers,

NOTE Confidence: 0.894020198

00:24:56.360 --> 00:24:58.579 they don't know that there are disparities

NOTE Confidence: 0.894020198

00:24:58.579 --> 00:25:00.477 in colorectal cancer or they don't

NOTE Confidence: 0.894020198

00:25:00.477 --> 00:25:01.957 get the screening guidance right.

NOTE Confidence: 0.894020198

00:25:01.960 --> 00:25:03.715 They don't know that we've

NOTE Confidence: 0.894020198

00:25:03.715 --> 00:25:05.119 lowered the screening age.
NOTE Confidence: 0.894020198

00:25:05.120 --> 00:25:07.514 We know that your practice setting matters.
NOTE Confidence: 0.894020198

00:25:07.520 --> 00:25:08.880 The number one predictor,
NOTE Confidence: 0.894020198

00:25:08.880 --> 00:25:09.560 in fact,
NOTE Confidence: 0.894020198

00:25:09.560 --> 00:25:11.744 for whether a person is to get screened
NOTE Confidence: 0.894020198

00:25:11.744 --> 00:25:13.496 for colorectal cancer is whether or
NOTE Confidence: 0.894020198

00:25:13.496 --> 00:25:15.224 not their primary care doctor talked
NOTE Confidence: 0.894020198

00:25:15.279 --> 00:25:16.995 to them about a director directly.
NOTE Confidence: 0.894020198

00:25:17.000 --> 00:25:18.600 This is one of the first papers that
NOTE Confidence: 0.894020198

00:25:18.600 --> 00:25:19.920 I published with Brandon Spiegel.
NOTE Confidence: 0.894020198

00:25:19.920 --> 00:25:22.097 And when you look at ethnic and
NOTE Confidence: 0.894020198

00:25:22.097 --> 00:25:22.719 racial minorities,
NOTE Confidence: 0.879430191666667

00:25:22.720 --> 00:25:24.556 that odds ratio is even higher.
NOTE Confidence: 0.879430191666667

00:25:24.560 --> 00:25:26.639 So a, a trusted provider telling a
NOTE Confidence: 0.879430191666667

00:25:26.639 --> 00:25:29.384 patient to get screened is one of the
NOTE Confidence: 0.879430191666667

00:25:29.384 --> 00:25:31.174 most important predictors and that's

NOTE Confidence: 0.879430191666667
00:25:31.236 --> 00:25:33.360 not happening more in those groups.
NOTE Confidence: 0.879430191666667
00:25:33.360 --> 00:25:34.864 And again I could spend an hour just
NOTE Confidence: 0.879430191666667
00:25:34.864 --> 00:25:36.487 on the slide because we know that
NOTE Confidence: 0.879430191666667
00:25:36.487 --> 00:25:37.902 there's so many barriers and This
NOTE Confidence: 0.879430191666667
00:25:37.902 --> 00:25:39.739 is why a lot of the work that we do
NOTE Confidence: 0.879430191666667
00:25:39.739 --> 00:25:42.392 in this area is about multi level
NOTE Confidence: 0.879430191666667
00:25:42.392 --> 00:25:44.214 interventions where we're trying to
NOTE Confidence: 0.879430191666667
00:25:44.214 --> 00:25:47.023 pick at many of these barriers in one
NOTE Confidence: 0.879430191666667
00:25:47.023 --> 00:25:49.519 go with a multi component intervention.
NOTE Confidence: 0.879430191666667
00:25:49.520 --> 00:25:50.720 A couple things I do want to highlight.
NOTE Confidence: 0.879430191666667
00:25:50.720 --> 00:25:52.547 So policy because we talk a lot
NOTE Confidence: 0.879430191666667
00:25:52.547 --> 00:25:53.720 about patient provider system,
NOTE Confidence: 0.879430191666667
00:25:53.720 --> 00:25:55.448 but I also throw policy in there because
NOTE Confidence: 0.879430191666667
00:25:55.448 --> 00:25:57.353 I think for a long time there were
NOTE Confidence: 0.879430191666667
00:25:57.353 --> 00:25:58.760 policy barriers to getting screened.
NOTE Confidence: 0.879430191666667

00:25:58.760 --> 00:26:01.316 So the ACA, which I am a fan of,
NOTE Confidence: 0.879430191666667

00:26:01.320 --> 00:26:03.076 actually eliminated issues like
NOTE Confidence: 0.879430191666667

00:26:03.076 --> 00:26:05.271 copay and mandated coverage for
NOTE Confidence: 0.879430191666667

00:26:05.271 --> 00:26:07.163 preventive services that had a
NOTE Confidence: 0.879430191666667

00:26:07.163 --> 00:26:08.555 huge effect on disparities,
NOTE Confidence: 0.879430191666667

00:26:08.560 --> 00:26:10.100 not just for colorectal cancer
NOTE Confidence: 0.879430191666667

00:26:10.100 --> 00:26:11.640 but other cancers as well.
NOTE Confidence: 0.879430191666667

00:26:11.640 --> 00:26:13.012 And then we've been done some work
NOTE Confidence: 0.879430191666667

00:26:13.012 --> 00:26:14.438 on the state and national level.
NOTE Confidence: 0.879430191666667

00:26:14.440 --> 00:26:16.249 We had a law that we got past two
NOTE Confidence: 0.879430191666667

00:26:16.249 --> 00:26:18.033 years ago about removing barriers
NOTE Confidence: 0.879430191666667

00:26:18.033 --> 00:26:19.557 to colorectal cancer screening,
NOTE Confidence: 0.879430191666667

00:26:19.560 --> 00:26:20.742 which removed copay.
NOTE Confidence: 0.879430191666667

00:26:20.742 --> 00:26:22.318 Believe it or not,
NOTE Confidence: 0.879430191666667

00:26:22.320 --> 00:26:24.138 if you had a colonoscopy for
NOTE Confidence: 0.879430191666667

00:26:24.138 --> 00:26:26.158 screening and I took out a polyp,

NOTE Confidence: 0.879430191666667
00:26:26.160 --> 00:26:28.440 you would get a charge.
NOTE Confidence: 0.879430191666667
00:26:28.440 --> 00:26:30.800 It's like that's the purpose of the test.
NOTE Confidence: 0.879430191666667
00:26:30.800 --> 00:26:32.370 So we finally convinced Congress
NOTE Confidence: 0.879430191666667
00:26:32.370 --> 00:26:34.330 that that didn't make any sense
NOTE Confidence: 0.879430191666667
00:26:34.330 --> 00:26:36.000 and they removed those co-pays.
NOTE Confidence: 0.879430191666667
00:26:36.000 --> 00:26:37.100 This is work that's been
NOTE Confidence: 0.879430191666667
00:26:37.100 --> 00:26:37.760 championed for years,
NOTE Confidence: 0.879430191666667
00:26:37.760 --> 00:26:38.965 but that law went through
NOTE Confidence: 0.879430191666667
00:26:38.965 --> 00:26:40.440 I think 2 1/2 years ago.
NOTE Confidence: 0.879430191666667
00:26:40.440 --> 00:26:43.040 So there are also policy things that have
NOTE Confidence: 0.879430191666667
00:26:43.040 --> 00:26:46.315 to be addressed for us to close these gaps.
NOTE Confidence: 0.879430191666667
00:26:46.320 --> 00:26:48.168 I'll talk about those strategies next
NOTE Confidence: 0.879430191666667
00:26:48.168 --> 00:26:50.279 and how we address these barriers.
NOTE Confidence: 0.879430191666667
00:26:50.280 --> 00:26:52.044 And this really pulls us into the
NOTE Confidence: 0.879430191666667
00:26:52.044 --> 00:26:53.200 field of implementation science,
NOTE Confidence: 0.879430191666667

00:26:53.200 --> 00:26:54.132 which is,
NOTE Confidence: 0.879430191666667

00:26:54.132 --> 00:26:54.598 is,
NOTE Confidence: 0.879430191666667

00:26:54.598 --> 00:26:57.632 is kind of what we could we consider where
NOTE Confidence: 0.879430191666667

00:26:57.632 --> 00:26:59.319 health service the research is going to.
NOTE Confidence: 0.879430191666667

00:26:59.320 --> 00:27:01.280 So in health services research,
NOTE Confidence: 0.879430191666667

00:27:01.280 --> 00:27:02.160 we're trying to understand
NOTE Confidence: 0.879430191666667

00:27:02.160 --> 00:27:03.480 how to get the best care,
NOTE Confidence: 0.879430191666667

00:27:03.480 --> 00:27:05.888 the best quality of care to all people
NOTE Confidence: 0.879430191666667

00:27:05.888 --> 00:27:08.170 equitably and through health systems or
NOTE Confidence: 0.879430191666667

00:27:08.170 --> 00:27:10.195 other sources of healthcare delivery.
NOTE Confidence: 0.879430191666667

00:27:10.200 --> 00:27:12.968 And a lot of that leads up to
NOTE Confidence: 0.879430191666667

00:27:12.968 --> 00:27:14.240 effective implementation science.
NOTE Confidence: 0.879430191666667

00:27:14.240 --> 00:27:15.626 In implementation science,
NOTE Confidence: 0.879430191666667

00:27:15.626 --> 00:27:17.474 especially related to disparities,
NOTE Confidence: 0.879430191666667

00:27:17.480 --> 00:27:19.391 our first goal is to understand the
NOTE Confidence: 0.879430191666667

00:27:19.391 --> 00:27:21.474 extent of the disparities which we've

NOTE Confidence: 0.879430191666667

00:27:21.474 --> 00:27:23.339 talked about mechanisms and barriers,

NOTE Confidence: 0.879430191666667

00:27:23.339 --> 00:27:25.457 why we have the disparity and

NOTE Confidence: 0.879430191666667

00:27:25.457 --> 00:27:26.600 particularly for screening.

NOTE Confidence: 0.879430191666667

00:27:26.600 --> 00:27:28.007 We just looked at that slide and

NOTE Confidence: 0.879430191666667

00:27:28.007 --> 00:27:29.755 then we want to come up with

NOTE Confidence: 0.879430191666667

00:27:29.755 --> 00:27:31.120 evidence based solutions to those

NOTE Confidence: 0.879430191666667

00:27:31.120 --> 00:27:32.538 disparities and then we want to

NOTE Confidence: 0.879430191666667

00:27:32.538 --> 00:27:33.960 disseminate and scale them so that

NOTE Confidence: 0.879430191666667

00:27:33.960 --> 00:27:35.560 everyone has access and everyone

NOTE Confidence: 0.879430191666667

00:27:35.560 --> 00:27:37.360 has improvement in those outcomes.

NOTE Confidence: 0.879430191666667

00:27:37.360 --> 00:27:38.968 So that's what leads us towards

NOTE Confidence: 0.879430191666667

00:27:38.968 --> 00:27:40.384 these interventions that are multi

NOTE Confidence: 0.879430191666667

00:27:40.384 --> 00:27:41.839 level at the individual provider,

NOTE Confidence: 0.879430191666667

00:27:41.840 --> 00:27:43.560 health system and policy level.

NOTE Confidence: 0.879430191666667

00:27:43.560 --> 00:27:44.553 And more recently,

NOTE Confidence: 0.879430191666667

00:27:44.553 --> 00:27:45.877 we've had interventions that
NOTE Confidence: 0.879430191666667

00:27:45.877 --> 00:27:47.720 are also queued into community.
NOTE Confidence: 0.879430191666667

00:27:47.720 --> 00:27:49.764 And that's another level of the work
NOTE Confidence: 0.879430191666667

00:27:49.764 --> 00:27:52.010 that we do now because I came along
NOTE Confidence: 0.879430191666667

00:27:52.010 --> 00:27:53.966 at a fortunate time where the giants
NOTE Confidence: 0.879430191666667

00:27:53.966 --> 00:27:56.070 have been working in this field for a
NOTE Confidence: 0.900698878181818

00:27:56.131 --> 00:27:57.632 long time. We've learned a lot.
NOTE Confidence: 0.900698878181818

00:27:57.632 --> 00:27:59.730 And now we're at a place where we
NOTE Confidence: 0.900698878181818

00:27:59.730 --> 00:28:01.560 actually know pretty much what works.
NOTE Confidence: 0.900698878181818

00:28:01.560 --> 00:28:04.096 It's just trying to tailor it for the
NOTE Confidence: 0.900698878181818

00:28:04.096 --> 00:28:05.478 appropriate population and scale it.
NOTE Confidence: 0.900698878181818

00:28:05.480 --> 00:28:06.720 And we know, for example,
NOTE Confidence: 0.900698878181818

00:28:06.720 --> 00:28:09.478 that when we look at effective interventions,
NOTE Confidence: 0.900698878181818

00:28:09.480 --> 00:28:10.408 did it light up?
NOTE Confidence: 0.900698878181818

00:28:10.408 --> 00:28:12.055 Yes, there are certain there are
NOTE Confidence: 0.900698878181818

00:28:12.055 --> 00:28:13.848 certain goals that you want and

NOTE Confidence: 0.900698878181818

00:28:13.848 --> 00:28:15.438 how you design your intervention.

NOTE Confidence: 0.900698878181818

00:28:15.440 --> 00:28:17.757 You want it to target multiple levels.

NOTE Confidence: 0.900698878181818

00:28:17.760 --> 00:28:18.642 As I mentioned,

NOTE Confidence: 0.900698878181818

00:28:18.642 --> 00:28:20.406 you want to address barriers at

NOTE Confidence: 0.900698878181818

00:28:20.406 --> 00:28:22.648 all those levels which leads to

NOTE Confidence: 0.900698878181818

00:28:22.648 --> 00:28:24.160 a multi component intervention.

NOTE Confidence: 0.900698878181818

00:28:24.160 --> 00:28:26.120 You want them to be culturally tailored.

NOTE Confidence: 0.900698878181818

00:28:26.120 --> 00:28:27.888 Particularly interventions that involve

NOTE Confidence: 0.900698878181818

00:28:27.888 --> 00:28:30.540 patient education where all of the

NOTE Confidence: 0.900698878181818

00:28:30.603 --> 00:28:32.499 individuals on the pamphlet are are

NOTE Confidence: 0.900698878181818

00:28:32.499 --> 00:28:34.951 appear white or a pure male are not

NOTE Confidence: 0.900698878181818

00:28:34.951 --> 00:28:37.006 going to appeal to people who come

NOTE Confidence: 0.900698878181818

00:28:37.006 --> 00:28:39.202 from brown or black populations or

NOTE Confidence: 0.900698878181818

00:28:39.202 --> 00:28:40.800 underserved populations for example.

NOTE Confidence: 0.900698878181818

00:28:40.800 --> 00:28:43.240 So culturally tailoring the language,

NOTE Confidence: 0.900698878181818

00:28:43.240 --> 00:28:45.320 the examples, the settings,
NOTE Confidence: 0.900698878181818
00:28:45.320 --> 00:28:46.360 the people,
NOTE Confidence: 0.900698878181818
00:28:46.360 --> 00:28:48.404 and then also you want to work
NOTE Confidence: 0.900698878181818
00:28:48.404 --> 00:28:50.160 closely with the stakeholders.
NOTE Confidence: 0.900698878181818
00:28:50.160 --> 00:28:53.975 I think we come from unfortunately a
NOTE Confidence: 0.900698878181818
00:28:53.975 --> 00:28:56.410 history since probably the beginning of
NOTE Confidence: 0.900698878181818
00:28:56.410 --> 00:28:59.120 time where we've come into places and
NOTE Confidence: 0.900698878181818
00:28:59.120 --> 00:29:01.752 decided what's best for the people there.
NOTE Confidence: 0.900698878181818
00:29:01.760 --> 00:29:03.902 And this is more around coming into
NOTE Confidence: 0.900698878181818
00:29:03.902 --> 00:29:05.611 a place acknowledging that you're
NOTE Confidence: 0.900698878181818
00:29:05.611 --> 00:29:07.079 coming within with expertise,
NOTE Confidence: 0.900698878181818
00:29:07.080 --> 00:29:09.130 but that those people understand
NOTE Confidence: 0.900698878181818
00:29:09.130 --> 00:29:10.360 the community best.
NOTE Confidence: 0.900698878181818
00:29:10.360 --> 00:29:11.720 So when we develop interventions,
NOTE Confidence: 0.900698878181818
00:29:11.720 --> 00:29:13.088 we sit down with our community
NOTE Confidence: 0.900698878181818
00:29:13.088 --> 00:29:14.000 leaders and we say,

NOTE Confidence: 0.900698878181818

00:29:14.000 --> 00:29:15.274 what do you see as the problem

NOTE Confidence: 0.900698878181818

00:29:15.274 --> 00:29:16.320 and how would you fix it?

NOTE Confidence: 0.900698878181818

00:29:16.320 --> 00:29:18.080 And then we try to adapt our science

NOTE Confidence: 0.900698878181818

00:29:18.080 --> 00:29:19.560 to those potential solutions.

NOTE Confidence: 0.900698878181818

00:29:19.560 --> 00:29:22.272 And I think that's what makes

NOTE Confidence: 0.900698878181818

00:29:22.272 --> 00:29:24.080 the most exciting brainstorming.

NOTE Confidence: 0.900698878181818

00:29:24.080 --> 00:29:26.971 That has led to a slew of

NOTE Confidence: 0.900698878181818

00:29:26.971 --> 00:29:28.392 interventions and we have,

NOTE Confidence: 0.900698878181818

00:29:28.392 --> 00:29:29.280 as I mentioned,

NOTE Confidence: 0.900698878181818

00:29:29.280 --> 00:29:30.740 policy interventions that have

NOTE Confidence: 0.900698878181818

00:29:30.740 --> 00:29:31.835 been very effective.

NOTE Confidence: 0.900698878181818

00:29:31.840 --> 00:29:33.556 There's been interventions at the healthcare,

NOTE Confidence: 0.900698878181818

00:29:33.560 --> 00:29:34.160 healthcare system level.

NOTE Confidence: 0.900698878181818

00:29:34.160 --> 00:29:36.240 A lot of those have to do with automation.

NOTE Confidence: 0.900698878181818

00:29:36.240 --> 00:29:38.058 So a lot of the work that I do

NOTE Confidence: 0.900698878181818

00:29:38.058 --> 00:29:40.231 with my Qi hat is about offloading
NOTE Confidence: 0.900698878181818

00:29:40.231 --> 00:29:41.899 primary care providers by automating
NOTE Confidence: 0.900698878181818

00:29:41.899 --> 00:29:43.909 screening for them and and prompting
NOTE Confidence: 0.900698878181818

00:29:43.909 --> 00:29:45.889 them to do things and taking
NOTE Confidence: 0.900698878181818

00:29:45.889 --> 00:29:48.150 steps and the number of of touches
NOTE Confidence: 0.900698878181818

00:29:48.221 --> 00:29:49.835 on the EHR away from them.
NOTE Confidence: 0.900698878181818

00:29:49.840 --> 00:29:51.928 We also have interventions that are
NOTE Confidence: 0.900698878181818

00:29:51.928 --> 00:29:54.236 focused mainly on the provider or
NOTE Confidence: 0.900698878181818

00:29:54.236 --> 00:29:56.495 her provider components and also as
NOTE Confidence: 0.900698878181818

00:29:56.495 --> 00:29:58.120 I mentioned communities and patients.
NOTE Confidence: 0.900698878181818

00:29:58.120 --> 00:30:00.080 So when we're building intervention,
NOTE Confidence: 0.900698878181818

00:30:00.080 --> 00:30:01.776 a lot of times we're looking at lists
NOTE Confidence: 0.900698878181818

00:30:01.776 --> 00:30:03.219 like these and we're saying OK where
NOTE Confidence: 0.900698878181818

00:30:03.219 --> 00:30:04.864 do we want to pull from each of
NOTE Confidence: 0.900698878181818

00:30:04.864 --> 00:30:06.320 these levels as we build our multi
NOTE Confidence: 0.900698878181818

00:30:06.320 --> 00:30:08.660 level intervention to address the

NOTE Confidence: 0.900698878181818

00:30:08.660 --> 00:30:11.000 specific barriers in that community.

NOTE Confidence: 0.78815801375

00:30:13.200 --> 00:30:14.628 I'm going to adopt that thinking

NOTE Confidence: 0.78815801375

00:30:14.628 --> 00:30:16.313 to the work we've done in

NOTE Confidence: 0.78815801375

00:30:16.313 --> 00:30:17.677 federally qualified health centers.

NOTE Confidence: 0.78815801375

00:30:17.680 --> 00:30:19.934 So just to make sure that everyone

NOTE Confidence: 0.78815801375

00:30:19.934 --> 00:30:22.199 understands what these clinical settings are,

NOTE Confidence: 0.78815801375

00:30:22.200 --> 00:30:24.280 these are community based.

NOTE Confidence: 0.78815801375

00:30:24.280 --> 00:30:27.300 They provide only primary care or that's

NOTE Confidence: 0.78815801375

00:30:27.300 --> 00:30:28.560 how the government has structured them.

NOTE Confidence: 0.78815801375

00:30:28.560 --> 00:30:31.146 They get funding and resources to

NOTE Confidence: 0.78815801375

00:30:31.146 --> 00:30:33.280 provide primary and preventive care.

NOTE Confidence: 0.78815801375

00:30:33.280 --> 00:30:35.272 They take care of 30 million

NOTE Confidence: 0.78815801375

00:30:35.272 --> 00:30:37.120 Americans in the United States.

NOTE Confidence: 0.78815801375

00:30:37.120 --> 00:30:39.780 And although they have offerings

NOTE Confidence: 0.78815801375

00:30:39.780 --> 00:30:42.440 for screening or cancer diagnostics,

NOTE Confidence: 0.78815801375

00:30:42.440 --> 00:30:44.340 they won't typically have
NOTE Confidence: 0.78815801375

00:30:44.340 --> 00:30:46.240 a specialist on site.
NOTE Confidence: 0.78815801375

00:30:46.240 --> 00:30:49.192 And so those patients often have to leave
NOTE Confidence: 0.78815801375

00:30:49.192 --> 00:30:51.582 the FQHC when they need specialty services,
NOTE Confidence: 0.78815801375

00:30:51.582 --> 00:30:53.479 which makes it very tricky for those
NOTE Confidence: 0.78815801375

00:30:53.479 --> 00:30:54.956 patients who need that level of care.
NOTE Confidence: 0.902135681428572

00:30:57.120 --> 00:30:58.330 When you look at screening
NOTE Confidence: 0.902135681428572

00:30:58.330 --> 00:30:59.540 rates for colorectal cancer in
NOTE Confidence: 0.902135681428572

00:30:59.590 --> 00:31:01.078 federally qualified health centers,
NOTE Confidence: 0.902135681428572

00:31:01.080 --> 00:31:03.264 which we really only have for the
NOTE Confidence: 0.902135681428572

00:31:03.264 --> 00:31:05.756 age group of 50 to 75 at this time,
NOTE Confidence: 0.902135681428572

00:31:05.760 --> 00:31:07.320 the screening rates are much lower
NOTE Confidence: 0.902135681428572

00:31:07.320 --> 00:31:08.360 than national screening rates.
NOTE Confidence: 0.902135681428572

00:31:08.360 --> 00:31:10.390 So yes, we've had some improvements over
NOTE Confidence: 0.902135681428572

00:31:10.390 --> 00:31:12.558 time in federally qualified health centers.
NOTE Confidence: 0.902135681428572

00:31:12.560 --> 00:31:14.320 The blue line's going up,

NOTE Confidence: 0.902135681428572
00:31:14.320 --> 00:31:15.634 but look how far below the
NOTE Confidence: 0.902135681428572
00:31:15.634 --> 00:31:16.720 national screening rate we are.
NOTE Confidence: 0.902135681428572
00:31:16.720 --> 00:31:17.580 And the national screening
NOTE Confidence: 0.902135681428572
00:31:17.580 --> 00:31:18.440 rate isn't that great,
NOTE Confidence: 0.902135681428572
00:31:18.440 --> 00:31:20.318 so that's not even our goal.
NOTE Confidence: 0.902135681428572
00:31:20.320 --> 00:31:21.940 So in these settings,
NOTE Confidence: 0.902135681428572
00:31:21.940 --> 00:31:23.560 we have underserved individuals,
NOTE Confidence: 0.902135681428572
00:31:23.560 --> 00:31:25.452 often brown and black,
NOTE Confidence: 0.902135681428572
00:31:25.452 --> 00:31:28.050 often uninsured, often low SES,
NOTE Confidence: 0.902135681428572
00:31:28.050 --> 00:31:30.800 and very often poorly screened,
NOTE Confidence: 0.902135681428572
00:31:30.800 --> 00:31:32.000 not just for colorectal cancer,
NOTE Confidence: 0.902135681428572
00:31:32.000 --> 00:31:33.596 but for pretty much any measure.
NOTE Confidence: 0.902135681428572
00:31:33.600 --> 00:31:35.448 And that's the challenge of the
NOTE Confidence: 0.902135681428572
00:31:35.448 --> 00:31:37.439 primary care providers in this setting.
NOTE Confidence: 0.902135681428572
00:31:37.440 --> 00:31:38.970 Going back to that problem that
NOTE Confidence: 0.902135681428572

00:31:38.970 --> 00:31:40.352 I'm also interested in which
NOTE Confidence: 0.902135681428572

00:31:40.352 --> 00:31:41.600 is completion of screening.
NOTE Confidence: 0.902135681428572

00:31:41.600 --> 00:31:44.155 They even when they do get screened,
NOTE Confidence: 0.902135681428572

00:31:44.160 --> 00:31:45.588 if that screening is abnormal like
NOTE Confidence: 0.902135681428572

00:31:45.588 --> 00:31:47.720 they they use a lot of stool based
NOTE Confidence: 0.902135681428572

00:31:47.720 --> 00:31:49.125 screening in these settings because
NOTE Confidence: 0.902135681428572

00:31:49.125 --> 00:31:50.800 it's easier for them to give out.
NOTE Confidence: 0.902135681428572

00:31:50.800 --> 00:31:52.940 Sometimes there's no opportunity
NOTE Confidence: 0.902135681428572

00:31:52.940 --> 00:31:55.080 to get a colonoscopy.
NOTE Confidence: 0.902135681428572

00:31:55.080 --> 00:31:57.272 So in some of the series we've done
NOTE Confidence: 0.902135681428572

00:31:57.272 --> 00:31:59.650 as low as 18% of the patients who have
NOTE Confidence: 0.902135681428572

00:31:59.650 --> 00:32:01.800 an abnormal fit get a colonoscopy,
NOTE Confidence: 0.902135681428572

00:32:01.800 --> 00:32:03.270 which as a fellow when I started
NOTE Confidence: 0.902135681428572

00:32:03.270 --> 00:32:04.614 looking into the problem drove me
NOTE Confidence: 0.902135681428572

00:32:04.614 --> 00:32:06.175 crazy and I said this is definitely
NOTE Confidence: 0.902135681428572

00:32:06.218 --> 00:32:07.898 where I'm going to do my research and

NOTE Confidence: 0.902135681428572
00:32:07.898 --> 00:32:10.160 we're going to talk about that today.
NOTE Confidence: 0.902135681428572
00:32:10.160 --> 00:32:12.725 So we I do this work in LA County
NOTE Confidence: 0.902135681428572
00:32:12.725 --> 00:32:15.063 which is a very interesting place
NOTE Confidence: 0.902135681428572
00:32:15.063 --> 00:32:17.038 to do work in underserved.
NOTE Confidence: 0.902135681428572
00:32:17.040 --> 00:32:21.960 Our county has 10 million people,
NOTE Confidence: 0.902135681428572
00:32:21.960 --> 00:32:24.488 we are majority minority.
NOTE Confidence: 0.902135681428572
00:32:24.488 --> 00:32:27.275 So 72% of Los Angelinos identify
NOTE Confidence: 0.902135681428572
00:32:27.275 --> 00:32:30.040 as being a person of color.
NOTE Confidence: 0.902135681428572
00:32:30.040 --> 00:32:32.806 And just in our county we have 49 FQHCS
NOTE Confidence: 0.902135681428572
00:32:32.806 --> 00:32:34.120 and someone told me there was a new one,
NOTE Confidence: 0.902135681428572
00:32:34.120 --> 00:32:35.998 so it might be 50 now.
NOTE Confidence: 0.902135681428572
00:32:36.000 --> 00:32:37.860 So this is an incredible
NOTE Confidence: 0.902135681428572
00:32:37.860 --> 00:32:39.720 setting to do this work.
NOTE Confidence: 0.902135681428572
00:32:39.720 --> 00:32:41.184 It's an incredible playground.
NOTE Confidence: 0.902135681428572
00:32:41.184 --> 00:32:42.904 We have 1.1 million people
NOTE Confidence: 0.902135681428572

00:32:42.904 --> 00:32:44.872 in FQHCS just in our county.
NOTE Confidence: 0.902135681428572

00:32:44.880 --> 00:32:45.480 And then I just go,
NOTE Confidence: 0.902135681428572

00:32:45.480 --> 00:32:47.112 I gotta drive 2 hours South to meet
NOTE Confidence: 0.902135681428572

00:32:47.112 --> 00:32:49.005 up with Samir Gupta and I've got the
NOTE Confidence: 0.902135681428572

00:32:49.005 --> 00:32:50.959 San Diego counties at my disposal as well.
NOTE Confidence: 0.902135681428572

00:32:50.960 --> 00:32:52.304 And we do a lot of partnership
NOTE Confidence: 0.902135681428572

00:32:52.304 --> 00:32:52.880 with San Diego.
NOTE Confidence: 0.902135681428572

00:32:52.880 --> 00:32:55.360 Our populations are similar.
NOTE Confidence: 0.902135681428572

00:32:55.360 --> 00:32:57.608 So at the Center for HealthEquity,
NOTE Confidence: 0.902135681428572

00:32:57.608 --> 00:32:59.560 which is at UCLA,
NOTE Confidence: 0.902135681428572

00:32:59.560 --> 00:33:01.240 in the UCLA Cancer Center,
NOTE Confidence: 0.902135681428572

00:33:01.240 --> 00:33:03.200 where I am one of the associate directors,
NOTE Confidence: 0.902135681428572

00:33:03.200 --> 00:33:04.776 we collaborate with federally
NOTE Confidence: 0.902135681428572

00:33:04.776 --> 00:33:05.958 qualified health centers.
NOTE Confidence: 0.902135681428572

00:33:05.960 --> 00:33:08.036 We develop advisory committees with them.
NOTE Confidence: 0.902135681428572

00:33:08.040 --> 00:33:09.840 We have ongoing clinic engagement.

NOTE Confidence: 0.902135681428572
00:33:09.840 --> 00:33:11.639 I have staff that literally just sit
NOTE Confidence: 0.902135681428572
00:33:11.639 --> 00:33:14.267 in an FQHC clinic for a week and just
NOTE Confidence: 0.902135681428572
00:33:14.267 --> 00:33:16.240 observe how care is administered.
NOTE Confidence: 0.902135681428572
00:33:16.240 --> 00:33:18.640 We perform key informant interviews.
NOTE Confidence: 0.902135681428572
00:33:18.640 --> 00:33:20.776 We sit in a conference room with the
NOTE Confidence: 0.902135681428572
00:33:20.776 --> 00:33:22.312 clinic leadership with a couple of
NOTE Confidence: 0.902135681428572
00:33:22.312 --> 00:33:24.094 their providers and we bring in a
NOTE Confidence: 0.902135681428572
00:33:24.094 --> 00:33:25.918 couple patients and an interpreter often.
NOTE Confidence: 0.902135681428572
00:33:25.920 --> 00:33:27.397 And we just talk about what's working,
NOTE Confidence: 0.902135681428572
00:33:27.400 --> 00:33:29.504 what's not working and this is how we
NOTE Confidence: 0.902135681428572
00:33:29.504 --> 00:33:31.997 help them develop multi level interventions.
NOTE Confidence: 0.902135681428572
00:33:32.000 --> 00:33:32.526 Again,
NOTE Confidence: 0.902135681428572
00:33:32.526 --> 00:33:35.156 focusing on their system workflow,
NOTE Confidence: 0.902135681428572
00:33:35.160 --> 00:33:36.556 focusing on their provider
NOTE Confidence: 0.902135681428572
00:33:36.556 --> 00:33:38.650 and staff and how to maximize
NOTE Confidence: 0.934958678095238

00:33:38.719 --> 00:33:40.813 efficiency and also how to educate
NOTE Confidence: 0.934958678095238

00:33:40.813 --> 00:33:42.840 and best inform their patients.
NOTE Confidence: 0.934958678095238

00:33:42.840 --> 00:33:44.184 I'm going to lean into one example
NOTE Confidence: 0.934958678095238

00:33:44.184 --> 00:33:45.560 with one of our main partners.
NOTE Confidence: 0.934958678095238

00:33:45.560 --> 00:33:47.400 This is the Northeast Valley.
NOTE Confidence: 0.934958678095238

00:33:47.400 --> 00:33:48.360 I'm going to call them Northeast
NOTE Confidence: 0.934958678095238

00:33:48.360 --> 00:33:49.160 Valley from here on out,
NOTE Confidence: 0.934958678095238

00:33:49.160 --> 00:33:51.080 but it's a large FQHC.
NOTE Confidence: 0.934958678095238

00:33:51.080 --> 00:33:53.130 They actually have 15 sites
NOTE Confidence: 0.934958678095238

00:33:53.130 --> 00:33:54.360 throughout Los Angeles.
NOTE Confidence: 0.934958678095238

00:33:54.360 --> 00:33:55.962 It would take me an hour and a half
NOTE Confidence: 0.934958678095238

00:33:55.962 --> 00:33:57.639 to drive from one site to another.
NOTE Confidence: 0.934958678095238

00:33:57.640 --> 00:33:59.224 That's how spread out this one
NOTE Confidence: 0.934958678095238

00:33:59.224 --> 00:34:01.625 FQHC is and they've got a lot of
NOTE Confidence: 0.934958678095238

00:34:01.625 --> 00:34:02.917 patients from different backgrounds.
NOTE Confidence: 0.934958678095238

00:34:02.920 --> 00:34:05.160 It is largely Latino,

NOTE Confidence: 0.934958678095238

00:34:05.160 --> 00:34:08.660 84% and largely uninsured with a with

NOTE Confidence: 0.934958678095238

00:34:08.660 --> 00:34:13.147 about 90% living below the 200% FPL we've.

NOTE Confidence: 0.934958678095238

00:34:13.147 --> 00:34:13.761 I haven't,

NOTE Confidence: 0.934958678095238

00:34:13.761 --> 00:34:15.603 but my center has been working

NOTE Confidence: 0.934958678095238

00:34:15.603 --> 00:34:17.448 with this FQHC for 13 years.

NOTE Confidence: 0.934958678095238

00:34:17.448 --> 00:34:19.008 The partnership was started by

NOTE Confidence: 0.934958678095238

00:34:19.008 --> 00:34:20.476 Doctor Rashan Bastani who was

NOTE Confidence: 0.934958678095238

00:34:20.476 --> 00:34:22.400 one of my mentors doing my PhD.

NOTE Confidence: 0.934958678095238

00:34:22.400 --> 00:34:25.076 They've done work in breast cervical

NOTE Confidence: 0.934958678095238

00:34:25.080 --> 00:34:27.327 HPV vaccination for kids in the clinic

NOTE Confidence: 0.934958678095238

00:34:27.327 --> 00:34:29.799 and then now with colorectal cancer.

NOTE Confidence: 0.934958678095238

00:34:29.800 --> 00:34:30.992 So beginning in 2018,

NOTE Confidence: 0.934958678095238

00:34:30.992 --> 00:34:32.780 which is when I started working

NOTE Confidence: 0.934958678095238

00:34:32.842 --> 00:34:34.536 with this clinic, I said,

NOTE Confidence: 0.934958678095238

00:34:34.536 --> 00:34:35.640 well, you know,

NOTE Confidence: 0.934958678095238

00:34:35.640 --> 00:34:36.486 I'm a gastroenterologist,
NOTE Confidence: 0.934958678095238

00:34:36.486 --> 00:34:38.460 I'm going to come into the setting
NOTE Confidence: 0.934958678095238

00:34:38.516 --> 00:34:40.677 and of course I'm going to look at
NOTE Confidence: 0.934958678095238

00:34:40.677 --> 00:34:42.113 colorectal cancer screening and
NOTE Confidence: 0.934958678095238

00:34:42.113 --> 00:34:44.206 their screening rate was about 51%.
NOTE Confidence: 0.934958678095238

00:34:44.206 --> 00:34:47.784 Then it actually dropped to 39% during
NOTE Confidence: 0.934958678095238

00:34:47.784 --> 00:34:50.880 COVID and 9% of their fits were abnormal,
NOTE Confidence: 0.934958678095238

00:34:50.880 --> 00:34:52.950 but only 20% were getting that
NOTE Confidence: 0.934958678095238

00:34:52.950 --> 00:34:53.985 colonoscopy for completion
NOTE Confidence: 0.934958678095238

00:34:53.985 --> 00:34:55.637 and they had no protocols.
NOTE Confidence: 0.934958678095238

00:34:55.640 --> 00:34:58.125 They had no screening program and no
NOTE Confidence: 0.934958678095238

00:34:58.125 --> 00:34:59.880 abnormal screening follow up program.
NOTE Confidence: 0.934958678095238

00:34:59.880 --> 00:35:01.176 So this was an incredible opportunity
NOTE Confidence: 0.934958678095238

00:35:01.176 --> 00:35:02.681 for me to come in with Doctor
NOTE Confidence: 0.934958678095238

00:35:02.681 --> 00:35:03.875 Bastani and talk to him about
NOTE Confidence: 0.934958678095238

00:35:03.875 --> 00:35:05.118 the work that they're doing.

NOTE Confidence: 0.934958678095238

00:35:05.120 --> 00:35:06.722 And over the last six years

NOTE Confidence: 0.934958678095238

00:35:06.722 --> 00:35:08.640 now we've done a slew of work.

NOTE Confidence: 0.934958678095238

00:35:08.640 --> 00:35:10.638 I know this slide's very busy,

NOTE Confidence: 0.934958678095238

00:35:10.640 --> 00:35:12.888 but I did want to summarize and and

NOTE Confidence: 0.934958678095238

00:35:12.888 --> 00:35:15.586 and try to explain the trajectory here

NOTE Confidence: 0.934958678095238

00:35:15.586 --> 00:35:17.616 because with colorectal cancer screening,

NOTE Confidence: 0.934958678095238

00:35:17.616 --> 00:35:20.282 it's a process of care for which

NOTE Confidence: 0.934958678095238

00:35:20.282 --> 00:35:22.208 you need all the components you

NOTE Confidence: 0.934958678095238

00:35:22.208 --> 00:35:24.160 need to screen more people,

NOTE Confidence: 0.934958678095238

00:35:24.160 --> 00:35:25.903 but then you need to recognize that

NOTE Confidence: 0.934958678095238

00:35:25.903 --> 00:35:27.387 those people need to be screened

NOTE Confidence: 0.934958678095238

00:35:27.387 --> 00:35:28.767 at intervals and so that's what

NOTE Confidence: 0.934958678095238

00:35:28.767 --> 00:35:30.078 we call repeat screening.

NOTE Confidence: 0.934958678095238

00:35:30.080 --> 00:35:31.774 And then you also need to recognize

NOTE Confidence: 0.934958678095238

00:35:31.774 --> 00:35:33.053 that those people who have

NOTE Confidence: 0.934958678095238

00:35:33.053 --> 00:35:34.308 abnormal screening need a certain
NOTE Confidence: 0.934958678095238

00:35:34.308 --> 00:35:35.480 line of care as well.
NOTE Confidence: 0.934958678095238

00:35:35.480 --> 00:35:38.320 So our three buckets of work at Northeast
NOTE Confidence: 0.934958678095238

00:35:38.320 --> 00:35:40.838 Valley have been in those three lines.
NOTE Confidence: 0.934958678095238

00:35:40.840 --> 00:35:43.255 We've done work in the blue box
NOTE Confidence: 0.934958678095238

00:35:43.255 --> 00:35:45.359 about increasing the screening rate.
NOTE Confidence: 0.934958678095238

00:35:45.360 --> 00:35:46.239 That first work,
NOTE Confidence: 0.934958678095238

00:35:46.239 --> 00:35:48.425 that work was first funded by TRDRP
NOTE Confidence: 0.934958678095238

00:35:48.425 --> 00:35:50.975 which is a tobacco related disease
NOTE Confidence: 0.934958678095238

00:35:50.975 --> 00:35:53.226 program that does funding but
NOTE Confidence: 0.934958678095238

00:35:53.226 --> 00:35:55.156 they were very interested because
NOTE Confidence: 0.934958678095238

00:35:55.156 --> 00:35:56.700 obviously tobacco relationship with
NOTE Confidence: 0.934958678095238

00:35:56.755 --> 00:35:58.180 colorectal cancer risk and that
NOTE Confidence: 0.934958678095238

00:35:58.180 --> 00:36:00.351 grant allowed us to do a cluster
NOTE Confidence: 0.934958678095238

00:36:00.351 --> 00:36:01.952 randomized trial greater than I
NOTE Confidence: 0.934958678095238

00:36:01.952 --> 00:36:03.776 think it ended up being 12,000

NOTE Confidence: 0.934958678095238
00:36:03.776 --> 00:36:06.105 patients and this was a multi level
NOTE Confidence: 0.934958678095238
00:36:06.105 --> 00:36:07.413 intervention mostly about their
NOTE Confidence: 0.934958678095238
00:36:07.471 --> 00:36:09.795 workflow is how can we help them
NOTE Confidence: 0.934958678095238
00:36:09.795 --> 00:36:11.691 reestablish their workflow in the clinic.
NOTE Confidence: 0.934958678095238
00:36:11.691 --> 00:36:13.473 We offloaded the primary care providers.
NOTE Confidence: 0.934958678095238
00:36:13.480 --> 00:36:15.790 We got the M as involved in
NOTE Confidence: 0.934958678095238
00:36:15.790 --> 00:36:17.240 handing out FIT kits.
NOTE Confidence: 0.934958678095238
00:36:17.240 --> 00:36:18.705 We got different levels non
NOTE Confidence: 0.934958678095238
00:36:18.705 --> 00:36:20.170 MD providers in the clinic
NOTE Confidence: 0.882475737333333
00:36:20.225 --> 00:36:21.905 involved and explaining the kit
NOTE Confidence: 0.882475737333333
00:36:21.905 --> 00:36:24.007 following up with patients and that
NOTE Confidence: 0.882475737333333
00:36:24.007 --> 00:36:25.822 was very effective in increasing
NOTE Confidence: 0.882475737333333
00:36:25.822 --> 00:36:27.274 their overall screening rate.
NOTE Confidence: 0.882475737333333
00:36:27.280 --> 00:36:28.510 Then we had a post doc
NOTE Confidence: 0.882475737333333
00:36:28.510 --> 00:36:29.680 who said OK that's great.
NOTE Confidence: 0.882475737333333

00:36:29.680 --> 00:36:32.057 The patient got screened once in 2018,
NOTE Confidence: 0.882475737333333
00:36:32.057 --> 00:36:33.342 they had to get screened
NOTE Confidence: 0.882475737333333
00:36:33.342 --> 00:36:35.200 again 9 to 12 months later.
NOTE Confidence: 0.882475737333333
00:36:35.200 --> 00:36:37.240 What How do we make sure that happens?
NOTE Confidence: 0.882475737333333
00:36:37.240 --> 00:36:40.030 So she did RO three or she started the
NOTE Confidence: 0.882475737333333
00:36:40.030 --> 00:36:42.190 RO 3:00 and also had an internal seed
NOTE Confidence: 0.882475737333333
00:36:42.190 --> 00:36:44.559 grant to help us work on repeat screening.
NOTE Confidence: 0.882475737333333
00:36:44.560 --> 00:36:45.988 And with nurses work we were
NOTE Confidence: 0.882475737333333
00:36:45.988 --> 00:36:47.853 able to make sure the clinic was
NOTE Confidence: 0.882475737333333
00:36:47.853 --> 00:36:49.278 doing recall of the patients.
NOTE Confidence: 0.882475737333333
00:36:49.280 --> 00:36:50.918 Ends up being about every nine months.
NOTE Confidence: 0.882475737333333
00:36:50.920 --> 00:36:53.232 So they have a mental alarm that they're
NOTE Confidence: 0.882475737333333
00:36:53.232 --> 00:36:55.755 going to be due for screening every year.
NOTE Confidence: 0.882475737333333
00:36:55.760 --> 00:36:56.655 And then of course I
NOTE Confidence: 0.882475737333333
00:36:56.655 --> 00:36:57.720 came along and I said OK,
NOTE Confidence: 0.882475737333333
00:36:57.720 --> 00:36:59.016 well I'm the gastroenterologist

NOTE Confidence: 0.882475737333333
00:36:59.016 --> 00:37:00.636 again who does the colonoscopy.
NOTE Confidence: 0.882475737333333
00:37:00.640 --> 00:37:02.224 So I want to make sure all these
NOTE Confidence: 0.882475737333333
00:37:02.224 --> 00:37:03.261 patients who have abnormal
NOTE Confidence: 0.882475737333333
00:37:03.261 --> 00:37:04.437 results get a colonoscopy.
NOTE Confidence: 0.882475737333333
00:37:04.440 --> 00:37:06.222 And that work started with an
NOTE Confidence: 0.882475737333333
00:37:06.222 --> 00:37:08.088 NCIRO 3 where we proposed that
NOTE Confidence: 0.882475737333333
00:37:08.088 --> 00:37:10.520 we were going to look at the why,
NOTE Confidence: 0.882475737333333
00:37:10.520 --> 00:37:12.128 why is it that patients are
NOTE Confidence: 0.882475737333333
00:37:12.128 --> 00:37:13.720 falling out in this process.
NOTE Confidence: 0.882475737333333
00:37:13.720 --> 00:37:15.688 And we created this conceptual framework
NOTE Confidence: 0.882475737333333
00:37:15.688 --> 00:37:17.880 where we showed that there were nine
NOTE Confidence: 0.882475737333333
00:37:17.880 --> 00:37:19.798 things that needed to happen for an
NOTE Confidence: 0.882475737333333
00:37:19.858 --> 00:37:22.119 abnormal FIT patient to get a colonoscopy.
NOTE Confidence: 0.882475737333333
00:37:22.120 --> 00:37:22.768 And we,
NOTE Confidence: 0.882475737333333
00:37:22.768 --> 00:37:24.712 we quantified the fallout or the
NOTE Confidence: 0.882475737333333

00:37:24.712 --> 00:37:26.580 attrition at each step and we
NOTE Confidence: 0.8824757373333333

00:37:26.580 --> 00:37:28.308 were able to assess that these
NOTE Confidence: 0.8824757373333333

00:37:28.369 --> 00:37:30.084 primary care doctors were doing
NOTE Confidence: 0.8824757373333333

00:37:30.084 --> 00:37:32.330 very good at seeing that there was
NOTE Confidence: 0.8824757373333333

00:37:32.330 --> 00:37:33.920 an abnormal fit in the chart.
NOTE Confidence: 0.8824757373333333

00:37:33.920 --> 00:37:35.605 They're actually doing very good
NOTE Confidence: 0.8824757373333333

00:37:35.605 --> 00:37:37.520 at ordering the referral to GI.
NOTE Confidence: 0.8824757373333333

00:37:37.520 --> 00:37:39.585 About 85 to 90% of referrals were
NOTE Confidence: 0.8824757373333333

00:37:39.585 --> 00:37:41.311 going in and then everything
NOTE Confidence: 0.8824757373333333

00:37:41.311 --> 00:37:43.236 was a disaster after that.
NOTE Confidence: 0.8824757373333333

00:37:43.240 --> 00:37:44.752 The patients just they were either
NOTE Confidence: 0.8824757373333333

00:37:44.752 --> 00:37:46.523 getting to GI and not doing the
NOTE Confidence: 0.8824757373333333

00:37:46.523 --> 00:37:47.945 colonoscopy or they never got to
NOTE Confidence: 0.8824757373333333

00:37:47.945 --> 00:37:49.835 GI or they would get to GI have
NOTE Confidence: 0.8824757373333333

00:37:49.835 --> 00:37:51.026 an appointment and then the
NOTE Confidence: 0.8824757373333333

00:37:51.026 --> 00:37:52.038 colonoscopy was not scheduled.

NOTE Confidence: 0.882475737333333

00:37:52.040 --> 00:37:54.700 So we knew that we had to focus not only

NOTE Confidence: 0.882475737333333

00:37:54.773 --> 00:37:57.637 just on the internal processes at the FQHC,

NOTE Confidence: 0.882475737333333

00:37:57.640 --> 00:37:59.523 but that kind of there was another

NOTE Confidence: 0.882475737333333

00:37:59.523 --> 00:38:01.490 level of this multi level at the

NOTE Confidence: 0.882475737333333

00:38:01.490 --> 00:38:03.140 GI practice level where we had

NOTE Confidence: 0.882475737333333

00:38:03.196 --> 00:38:04.876 to work on that connectedness.

NOTE Confidence: 0.882475737333333

00:38:04.880 --> 00:38:06.819 And we actually Beth Glenn and I

NOTE Confidence: 0.882475737333333

00:38:06.819 --> 00:38:09.036 wrote an RO one where we said OK,

NOTE Confidence: 0.882475737333333

00:38:09.040 --> 00:38:10.790 we're going to do a multi level

NOTE Confidence: 0.882475737333333

00:38:10.790 --> 00:38:12.720 on a multi level which is kind

NOTE Confidence: 0.882475737333333

00:38:12.720 --> 00:38:14.051 of crazy the first time.

NOTE Confidence: 0.882475737333333

00:38:14.051 --> 00:38:15.593 The review did not go well.

NOTE Confidence: 0.882475737333333

00:38:15.600 --> 00:38:17.315 NIH is like what are you talking

NOTE Confidence: 0.882475737333333

00:38:17.315 --> 00:38:18.931 about because we proposed doing a

NOTE Confidence: 0.882475737333333

00:38:18.931 --> 00:38:20.581 multi level intervention in an FQHC

NOTE Confidence: 0.882475737333333

00:38:20.581 --> 00:38:22.733 at the same time as doing a multi
NOTE Confidence: 0.8824757373333333

00:38:22.733 --> 00:38:24.308 level intervention in several GI
NOTE Confidence: 0.8824757373333333

00:38:24.308 --> 00:38:26.278 practices that see their patients.
NOTE Confidence: 0.8824757373333333

00:38:26.280 --> 00:38:27.680 But guess what we got?
NOTE Confidence: 0.8824757373333333

00:38:27.680 --> 00:38:27.977 Note,
NOTE Confidence: 0.8824757373333333

00:38:27.977 --> 00:38:31.240 we got news 2 weeks ago that it got funded.
NOTE Confidence: 0.8824757373333333

00:38:31.240 --> 00:38:35.216 So this is a very excited exciting
NOTE Confidence: 0.8824757373333333

00:38:35.216 --> 00:38:36.920 multi level intervention.
NOTE Confidence: 0.8824757373333333

00:38:36.920 --> 00:38:38.304 We're at Northeast Valley.
NOTE Confidence: 0.8824757373333333

00:38:38.304 --> 00:38:40.756 We are finally going to be able
NOTE Confidence: 0.8824757373333333

00:38:40.756 --> 00:38:41.960 to close this gap.
NOTE Confidence: 0.8824757373333333

00:38:41.960 --> 00:38:44.584 We've done a really good job of of
NOTE Confidence: 0.8824757373333333

00:38:44.584 --> 00:38:47.320 improving care at the clinic within the FQHC.
NOTE Confidence: 0.8824757373333333

00:38:47.320 --> 00:38:48.832 But now we're going to be
NOTE Confidence: 0.8824757373333333

00:38:48.832 --> 00:38:49.840 working very closely with
NOTE Confidence: 0.9167681663333333

00:38:49.893 --> 00:38:51.869 GI providers in the LA and the larger

NOTE Confidence: 0.916768166333333

00:38:51.869 --> 00:38:53.727 LA community to make sure that those

NOTE Confidence: 0.916768166333333

00:38:53.727 --> 00:38:55.838 patients are connected to the GI clinics

NOTE Confidence: 0.916768166333333

00:38:55.838 --> 00:38:58.232 and make sure that those colonoscopies

NOTE Confidence: 0.916768166333333

00:38:58.232 --> 00:39:00.556 are completed and make sure that the

NOTE Confidence: 0.916768166333333

00:39:00.556 --> 00:39:02.835 reports get back to the FQHC, right.

NOTE Confidence: 0.916768166333333

00:39:02.835 --> 00:39:05.880 Because if it's not documented in the

NOTE Confidence: 0.916768166333333

00:39:05.880 --> 00:39:07.840 FQHCSEHR, it's as though it never happened.

NOTE Confidence: 0.916768166333333

00:39:07.840 --> 00:39:10.424 So part of it was a measurement problem

NOTE Confidence: 0.916768166333333

00:39:10.424 --> 00:39:13.030 to you and we just got the word that

NOTE Confidence: 0.916768166333333

00:39:13.030 --> 00:39:14.955 this was scored very well and we're

NOTE Confidence: 0.916768166333333

00:39:14.955 --> 00:39:16.881 doing all the paperwork and hopefully

NOTE Confidence: 0.916768166333333

00:39:16.881 --> 00:39:19.070 we'll get this work started very shortly

NOTE Confidence: 0.916768166333333

00:39:19.070 --> 00:39:20.840 and we're very excited about that.

NOTE Confidence: 0.916768166333333

00:39:20.840 --> 00:39:22.480 So for me, you know,

NOTE Confidence: 0.916768166333333

00:39:22.480 --> 00:39:24.804 the this work that we've done at

NOTE Confidence: 0.916768166333333

00:39:24.804 --> 00:39:26.560 Northeast Valley has been really
NOTE Confidence: 0.9167681663333333

00:39:26.560 --> 00:39:28.720 because I think even as a PhD student,
NOTE Confidence: 0.9167681663333333

00:39:28.720 --> 00:39:29.820 I understood community partnership,
NOTE Confidence: 0.9167681663333333

00:39:29.820 --> 00:39:31.195 I understood what it was.
NOTE Confidence: 0.9167681663333333

00:39:31.200 --> 00:39:32.658 I was starting to understand what
NOTE Confidence: 0.9167681663333333

00:39:32.658 --> 00:39:34.317 it was like to effectively go
NOTE Confidence: 0.9167681663333333

00:39:34.317 --> 00:39:35.907 into community settings and listen
NOTE Confidence: 0.9167681663333333

00:39:35.907 --> 00:39:37.679 and learn and then intervene.
NOTE Confidence: 0.9167681663333333

00:39:37.680 --> 00:39:39.430 But now I've had about 5 projects
NOTE Confidence: 0.9167681663333333

00:39:39.430 --> 00:39:40.980 with them where I've been able
NOTE Confidence: 0.9167681663333333

00:39:40.980 --> 00:39:42.474 to not only see that process,
NOTE Confidence: 0.9167681663333333

00:39:42.480 --> 00:39:43.855 but see the trajectory across
NOTE Confidence: 0.9167681663333333

00:39:43.855 --> 00:39:44.680 the screening spectrum,
NOTE Confidence: 0.9167681663333333

00:39:44.680 --> 00:39:46.850 which has been an incredibly
NOTE Confidence: 0.9167681663333333

00:39:46.850 --> 00:39:47.718 rewarding experience.
NOTE Confidence: 0.9167681663333333

00:39:47.720 --> 00:39:49.068 And you can do this in anything, right?

NOTE Confidence: 0.916768166333333
00:39:49.068 --> 00:39:50.944 You can do this in breast cerebral
NOTE Confidence: 0.916768166333333
00:39:50.944 --> 00:39:52.096 cancer screening, the FQHC.
NOTE Confidence: 0.916768166333333
00:39:52.096 --> 00:39:53.636 You know, we asked them,
NOTE Confidence: 0.916768166333333
00:39:53.640 --> 00:39:54.548 what are your priorities?
NOTE Confidence: 0.916768166333333
00:39:54.548 --> 00:39:55.456 And they actually recently
NOTE Confidence: 0.916768166333333
00:39:55.456 --> 00:39:56.480 told us liver disease.
NOTE Confidence: 0.916768166333333
00:39:56.480 --> 00:39:57.080 And I was like, OK,
NOTE Confidence: 0.916768166333333
00:39:57.080 --> 00:39:57.893 that's not me,
NOTE Confidence: 0.916768166333333
00:39:57.893 --> 00:39:59.790 but we'll find someone who's got this
NOTE Confidence: 0.916768166333333
00:39:59.846 --> 00:40:01.910 expertise because they have the similar
NOTE Confidence: 0.916768166333333
00:40:01.910 --> 00:40:03.760 problem with chronic liver disease.
NOTE Confidence: 0.916768166333333
00:40:03.760 --> 00:40:04.609 As we know,
NOTE Confidence: 0.916768166333333
00:40:04.609 --> 00:40:06.024 it's become increasing burden in
NOTE Confidence: 0.916768166333333
00:40:06.024 --> 00:40:07.680 the United States particularly.
NOTE Confidence: 0.916768166333333
00:40:07.680 --> 00:40:09.348 In these populations and they can't
NOTE Confidence: 0.916768166333333

00:40:09.348 --> 00:40:11.152 get those patients into liver care
NOTE Confidence: 0.9167681663333333

00:40:11.152 --> 00:40:12.440 or into transplant evaluation.
NOTE Confidence: 0.9167681663333333

00:40:12.440 --> 00:40:13.964 So it is replicating that model
NOTE Confidence: 0.9167681663333333

00:40:13.964 --> 00:40:15.476 once you've figured out how to
NOTE Confidence: 0.9167681663333333

00:40:15.476 --> 00:40:16.596 do it well and effectively.
NOTE Confidence: 0.841944484545455

00:40:18.640 --> 00:40:21.454 This work also dovetailed because we I
NOTE Confidence: 0.841944484545455

00:40:21.454 --> 00:40:24.284 started this work in 2016 seventeen and
NOTE Confidence: 0.841944484545455

00:40:24.284 --> 00:40:27.560 it's been going on my entire career.
NOTE Confidence: 0.841944484545455

00:40:27.560 --> 00:40:32.240 It's lent opportunities into other settings.
NOTE Confidence: 0.841944484545455

00:40:32.240 --> 00:40:33.738 So one of the things that came
NOTE Confidence: 0.841944484545455

00:40:33.738 --> 00:40:35.508 up about four years ago was this
NOTE Confidence: 0.841944484545455

00:40:35.508 --> 00:40:37.116 opportunity from Stand Up to Cancer,
NOTE Confidence: 0.841944484545455

00:40:37.120 --> 00:40:39.615 which is a nonprofit organization
NOTE Confidence: 0.841944484545455

00:40:39.615 --> 00:40:42.567 that is about cancer awareness and
NOTE Confidence: 0.841944484545455

00:40:42.567 --> 00:40:44.972 also works with AACR to fund research.
NOTE Confidence: 0.841944484545455

00:40:44.972 --> 00:40:46.910 They made made an announcement a

NOTE Confidence: 0.841944484545455
00:40:46.976 --> 00:40:48.589 few years ago. I'll never forget,
NOTE Confidence: 0.841944484545455
00:40:48.589 --> 00:40:50.430 'cause I was sitting in my office
NOTE Confidence: 0.841944484545455
00:40:50.483 --> 00:40:52.384 and it said Stand up to Cancer,
NOTE Confidence: 0.841944484545455
00:40:52.384 --> 00:40:53.908 Colorectal, Cancer Equity Dream Team.
NOTE Confidence: 0.841944484545455
00:40:53.908 --> 00:40:57.920 And I said, well, that sounds like me.
NOTE Confidence: 0.841944484545455
00:40:57.920 --> 00:41:01.556 It sounds like someone wrote a grant for me,
NOTE Confidence: 0.841944484545455
00:41:01.560 --> 00:41:02.953 but I'm way too junior and there's
NOTE Confidence: 0.841944484545455
00:41:02.953 --> 00:41:04.397 no way I'm going to get this,
NOTE Confidence: 0.841944484545455
00:41:04.400 --> 00:41:06.360 you know, \$8 million grant.
NOTE Confidence: 0.841944484545455
00:41:06.360 --> 00:41:08.640 So I just kind of deleted the e-mail.
NOTE Confidence: 0.841944484545455
00:41:08.640 --> 00:41:10.236 And I think a few weeks later,
NOTE Confidence: 0.841944484545455
00:41:10.240 --> 00:41:13.165 Andy Chan at MGH reached out and said we're
NOTE Confidence: 0.841944484545455
00:41:13.165 --> 00:41:15.440 thinking about applying for this grant.
NOTE Confidence: 0.841944484545455
00:41:15.440 --> 00:41:16.800 And I said that's great.
NOTE Confidence: 0.841944484545455
00:41:16.800 --> 00:41:18.248 And I said, yeah, I'll consult, I'll help.
NOTE Confidence: 0.841944484545455

00:41:18.248 --> 00:41:19.960 And he said, no, no, we want you to run it.
NOTE Confidence: 0.841944484545455

00:41:19.960 --> 00:41:22.520 And I said no.
NOTE Confidence: 0.841944484545455

00:41:22.520 --> 00:41:23.947 So what are you talking about, Andy?
NOTE Confidence: 0.841944484545455

00:41:23.947 --> 00:41:24.881 But again,
NOTE Confidence: 0.841944484545455

00:41:24.881 --> 00:41:27.216 another incredible opportunity where I
NOTE Confidence: 0.841944484545455

00:41:27.216 --> 00:41:29.997 started meeting with him and Jennifer Haas,
NOTE Confidence: 0.841944484545455

00:41:30.000 --> 00:41:31.680 we pulled the team together and it it
NOTE Confidence: 0.841944484545455

00:41:31.680 --> 00:41:33.837 kind of just made sense for for us to go in.
NOTE Confidence: 0.841944484545455

00:41:33.840 --> 00:41:35.772 And we were very fortunate to get
NOTE Confidence: 0.841944484545455

00:41:35.772 --> 00:41:37.557 awarded this grant. It's \$8 million.
NOTE Confidence: 0.841944484545455

00:41:37.557 --> 00:41:40.280 It's same work that I just described to you.
NOTE Confidence: 0.841944484545455

00:41:40.280 --> 00:41:42.320 Did I do that?
NOTE Confidence: 0.841944484545455

00:41:42.320 --> 00:41:44.396 OK, I'm going to keep going.
NOTE Confidence: 0.841944484545455

00:41:44.400 --> 00:41:47.022 It's it's the same work that I
NOTE Confidence: 0.841944484545455

00:41:47.022 --> 00:41:48.599 described to you in Northeast Valley,
NOTE Confidence: 0.841944484545455

00:41:48.600 --> 00:41:50.280 but it's across the nation.

NOTE Confidence: 0.841944484545455

00:41:50.280 --> 00:41:52.954 So we picked FQHCS in three cities,

NOTE Confidence: 0.841944484545455

00:41:52.960 --> 00:41:55.557 Los Angeles, Boston and in South Dakota.

NOTE Confidence: 0.841944484545455

00:41:55.560 --> 00:41:57.140 Now why South Dakota?

NOTE Confidence: 0.841944484545455

00:41:57.140 --> 00:41:59.115 Because of the Tribal Nations.

NOTE Confidence: 0.841944484545455

00:41:59.120 --> 00:42:01.784 So we have this incredible opportunity

NOTE Confidence: 0.841944484545455

00:42:01.784 --> 00:42:05.999 to in a very careful way engage with two

NOTE Confidence: 0.841944484545455

00:42:06.000 --> 00:42:08.597 FQHCS and tribal nations of South Dakota.

NOTE Confidence: 0.841944484545455

00:42:08.600 --> 00:42:10.280 And we are doing the same thing.

NOTE Confidence: 0.841944484545455

00:42:10.280 --> 00:42:12.584 We're helping them improve their clinic

NOTE Confidence: 0.841944484545455

00:42:12.584 --> 00:42:14.720 infrastructure to improve their screening.

NOTE Confidence: 0.841944484545455

00:42:14.720 --> 00:42:15.952 We're helping them improve

NOTE Confidence: 0.841944484545455

00:42:15.952 --> 00:42:16.876 the repeat screening.

NOTE Confidence: 0.841944484545455

00:42:16.880 --> 00:42:19.304 And the part that is we're doing right

NOTE Confidence: 0.841944484545455

00:42:19.304 --> 00:42:21.695 now we're in the last year of the study

NOTE Confidence: 0.841944484545455

00:42:21.695 --> 00:42:24.123 is we are improving their follow up

NOTE Confidence: 0.841944484545455

00:42:24.123 --> 00:42:26.452 after Abnormal Fit and Cologuard testing.
NOTE Confidence: 0.841944484545455

00:42:26.452 --> 00:42:28.496 Those are the tests that are most
NOTE Confidence: 0.841944484545455

00:42:28.496 --> 00:42:30.078 commonly used in these settings.
NOTE Confidence: 0.841944484545455

00:42:30.080 --> 00:42:32.173 So this has been an incredible opportunity
NOTE Confidence: 0.841944484545455

00:42:32.173 --> 00:42:34.646 to kind of spread the work that we've
NOTE Confidence: 0.841944484545455

00:42:34.646 --> 00:42:36.832 learned in local FQHCS in Los Angeles
NOTE Confidence: 0.841944484545455

00:42:36.832 --> 00:42:39.605 to other parts of the country and to
NOTE Confidence: 0.841944484545455

00:42:39.605 --> 00:42:41.205 work with incredible investigators
NOTE Confidence: 0.841944484545455

00:42:41.205 --> 00:42:43.639 like Doctor Hawes and Doctor Chan.
NOTE Confidence: 0.841944484545455

00:42:43.640 --> 00:42:44.680 This work is wrapping up.
NOTE Confidence: 0.841944484545455

00:42:44.680 --> 00:42:46.776 So we're kind of hoping that Stand Up
NOTE Confidence: 0.841944484545455

00:42:46.776 --> 00:42:48.583 to Cancer will give us an opportunity
NOTE Confidence: 0.841944484545455

00:42:48.583 --> 00:42:51.040 to do to do more of it moving forward.
NOTE Confidence: 0.841944484545455

00:42:51.040 --> 00:42:52.728 I think I just have two more slides
NOTE Confidence: 0.841944484545455

00:42:52.728 --> 00:42:54.600 and then I'll have time for questions.
NOTE Confidence: 0.841944484545455

00:42:54.600 --> 00:42:56.312 I just want to leave with two things

NOTE Confidence: 0.841944484545455

00:42:56.312 --> 00:42:57.821 that I think are important to

NOTE Confidence: 0.841944484545455

00:42:57.821 --> 00:42:59.749 think about as we think about this

NOTE Confidence: 0.841944484545455

00:42:59.749 --> 00:43:00.718 field moving forward.

NOTE Confidence: 0.922838611428572

00:43:00.720 --> 00:43:02.456 I do think that we're just at the

NOTE Confidence: 0.922838611428572

00:43:02.456 --> 00:43:03.910 beginning of implementation science

NOTE Confidence: 0.922838611428572

00:43:03.910 --> 00:43:05.434 around colorectal, cancer, equity.

NOTE Confidence: 0.922838611428572

00:43:05.434 --> 00:43:07.096 And there are groups all over

NOTE Confidence: 0.922838611428572

00:43:07.096 --> 00:43:08.678 the country that are doing work,

NOTE Confidence: 0.922838611428572

00:43:08.680 --> 00:43:09.805 even much better work than

NOTE Confidence: 0.922838611428572

00:43:09.805 --> 00:43:11.160 what I just described to you.

NOTE Confidence: 0.922838611428572

00:43:11.160 --> 00:43:13.288 And I'm so excited because it's wonderful

NOTE Confidence: 0.922838611428572

00:43:13.288 --> 00:43:15.357 to come together at conferences and to

NOTE Confidence: 0.922838611428572

00:43:15.360 --> 00:43:17.280 be collegial with these individuals.

NOTE Confidence: 0.922838611428572

00:43:17.280 --> 00:43:19.122 And there's a couple things that

NOTE Confidence: 0.922838611428572

00:43:19.122 --> 00:43:21.060 we're noticing that make this work

NOTE Confidence: 0.922838611428572

00:43:21.060 --> 00:43:22.680 even more relevant to everybody.
NOTE Confidence: 0.922838611428572

00:43:22.680 --> 00:43:24.180 The demographics in the United
NOTE Confidence: 0.922838611428572

00:43:24.180 --> 00:43:25.080 States are changing.
NOTE Confidence: 0.922838611428572

00:43:25.080 --> 00:43:26.358 I don't think anyone in this
NOTE Confidence: 0.922838611428572

00:43:26.358 --> 00:43:27.480 room is surprised by that,
NOTE Confidence: 0.922838611428572

00:43:27.480 --> 00:43:29.594 but unfortunately a lot of others are.
NOTE Confidence: 0.922838611428572

00:43:29.600 --> 00:43:31.490 And where we look at our demographics
NOTE Confidence: 0.922838611428572

00:43:31.490 --> 00:43:35.461 in 1980 compared to data from 2020,
NOTE Confidence: 0.922838611428572

00:43:35.461 --> 00:43:37.747 we know that the proportion of
NOTE Confidence: 0.922838611428572

00:43:37.747 --> 00:43:39.519 individuals who identify as white,
NOTE Confidence: 0.922838611428572

00:43:39.520 --> 00:43:42.481 non Latino is smaller and we've got
NOTE Confidence: 0.922838611428572

00:43:42.481 --> 00:43:44.679 a larger proportion of Latinos,
NOTE Confidence: 0.922838611428572

00:43:44.680 --> 00:43:47.160 black individuals and Asian Americans.
NOTE Confidence: 0.922838611428572

00:43:47.160 --> 00:43:49.435 And in certain parts of the country,
NOTE Confidence: 0.922838611428572

00:43:49.440 --> 00:43:51.960 it's a different proportion increase.
NOTE Confidence: 0.922838611428572

00:43:51.960 --> 00:43:54.400 This means that addressing disparities,

NOTE Confidence: 0.922838611428572
00:43:54.400 --> 00:43:55.240 addressing inequities,
NOTE Confidence: 0.922838611428572
00:43:55.240 --> 00:43:56.920 understanding what gets different
NOTE Confidence: 0.922838611428572
00:43:56.920 --> 00:43:59.281 groups to get screened or get
NOTE Confidence: 0.922838611428572
00:43:59.281 --> 00:44:00.846 testing is even more critically
NOTE Confidence: 0.922838611428572
00:44:00.846 --> 00:44:02.939 important because we think that this
NOTE Confidence: 0.922838611428572
00:44:02.939 --> 00:44:04.395 demographic shift will continue.
NOTE Confidence: 0.922838611428572
00:44:04.400 --> 00:44:06.152 So I I try to remind people that
NOTE Confidence: 0.922838611428572
00:44:06.152 --> 00:44:07.682 even though this is starting as
NOTE Confidence: 0.922838611428572
00:44:07.682 --> 00:44:09.236 equity or disparities in a small
NOTE Confidence: 0.922838611428572
00:44:09.292 --> 00:44:10.438 group of investigators,
NOTE Confidence: 0.922838611428572
00:44:10.440 --> 00:44:12.200 we all need to learn how to do
NOTE Confidence: 0.922838611428572
00:44:12.200 --> 00:44:13.967 this work if we really want to
NOTE Confidence: 0.922838611428572
00:44:13.967 --> 00:44:15.691 address this problem on a national
NOTE Confidence: 0.922838611428572
00:44:15.691 --> 00:44:17.279 level and similar problems.
NOTE Confidence: 0.922838611428572
00:44:17.280 --> 00:44:19.177 The other thing that's going to rock
NOTE Confidence: 0.922838611428572

00:44:19.177 --> 00:44:21.068 our world in colorectal cancer is
NOTE Confidence: 0.922838611428572

00:44:21.068 --> 00:44:23.096 non invasive screening tests that are
NOTE Confidence: 0.922838611428572

00:44:23.096 --> 00:44:25.531 on the verge of driving me crazy.
NOTE Confidence: 0.922838611428572

00:44:25.531 --> 00:44:29.252 So we are going to have an emergence
NOTE Confidence: 0.922838611428572

00:44:29.252 --> 00:44:32.388 of stool based testing and blood based
NOTE Confidence: 0.922838611428572

00:44:32.388 --> 00:44:35.160 testing that we hope will be helpful
NOTE Confidence: 0.922838611428572

00:44:35.245 --> 00:44:37.837 towards screening more individuals
NOTE Confidence: 0.922838611428572

00:44:37.840 --> 00:44:40.876 but have potential downsides as well.
NOTE Confidence: 0.922838611428572

00:44:40.880 --> 00:44:42.797 So why are we having so many more tests?
NOTE Confidence: 0.922838611428572

00:44:42.800 --> 00:44:44.666 It's because we're still stuck at
NOTE Confidence: 0.922838611428572

00:44:44.666 --> 00:44:46.611 less than 70% of Americans getting
NOTE Confidence: 0.922838611428572

00:44:46.611 --> 00:44:47.959 screened for colorectal cancer.
NOTE Confidence: 0.922838611428572

00:44:47.960 --> 00:44:50.030 There is a huge market to make tests to
NOTE Confidence: 0.922838611428572

00:44:50.030 --> 00:44:52.198 get more people screened and I I agree,
NOTE Confidence: 0.922838611428572

00:44:52.200 --> 00:44:53.588 I agree with that.
NOTE Confidence: 0.922838611428572

00:44:53.588 --> 00:44:56.624 I think that certain test types are going

NOTE Confidence: 0.922838611428572
00:44:56.624 --> 00:44:59.276 to appeal to different population groups.
NOTE Confidence: 0.922838611428572
00:44:59.280 --> 00:45:01.056 The other thing that is critical
NOTE Confidence: 0.922838611428572
00:45:01.056 --> 00:45:03.388 to note is that there's a big
NOTE Confidence: 0.922838611428572
00:45:03.388 --> 00:45:05.198 movement towards ease of testing.
NOTE Confidence: 0.922838611428572
00:45:05.200 --> 00:45:07.636 So that is why we're seeing the
NOTE Confidence: 0.922838611428572
00:45:07.636 --> 00:45:09.629 emergence of liquid biopsy and said
NOTE Confidence: 0.922838611428572
00:45:09.629 --> 00:45:12.034 the idea that when I send a patient
NOTE Confidence: 0.922838611428572
00:45:12.034 --> 00:45:14.481 to get a Chem 7 or ACBC every year,
NOTE Confidence: 0.922838611428572
00:45:14.481 --> 00:45:16.290 I can just check off a box for their
NOTE Confidence: 0.922838611428572
00:45:16.342 --> 00:45:17.626 colorectal cancer screening and
NOTE Confidence: 0.922838611428572
00:45:17.626 --> 00:45:19.552 they don't need to manipulate their
NOTE Confidence: 0.922838611428572
00:45:19.602 --> 00:45:21.130 stool or do a prep and take two
NOTE Confidence: 0.922838611428572
00:45:21.130 --> 00:45:23.080 days off for a colonoscopy, right.
NOTE Confidence: 0.922838611428572
00:45:23.080 --> 00:45:24.640 So there's amazing potential
NOTE Confidence: 0.922838611428572
00:45:24.640 --> 00:45:26.598 in these blood based tests.
NOTE Confidence: 0.922838611428572

00:45:26.600 --> 00:45:28.574 We saw the garden data that was
NOTE Confidence: 0.922838611428572

00:45:28.574 --> 00:45:30.524 released in New England Journal last
NOTE Confidence: 0.922838611428572

00:45:30.524 --> 00:45:32.960 month and raised a lot of excitement.
NOTE Confidence: 0.922838611428572

00:45:32.960 --> 00:45:35.183 I was quoted in the New York Times as
NOTE Confidence: 0.922838611428572

00:45:35.183 --> 00:45:36.740 saying that a prep for a colonoscopy
NOTE Confidence: 0.922838611428572

00:45:36.740 --> 00:45:38.014 was a horrible experience and this
NOTE Confidence: 0.922838611428572

00:45:38.014 --> 00:45:39.280 potentially could get rid of that,
NOTE Confidence: 0.922838611428572

00:45:39.280 --> 00:45:41.080 which isn't what I said.
NOTE Confidence: 0.922838611428572

00:45:41.080 --> 00:45:43.660 What I said was that what I was trying to
NOTE Confidence: 0.946836098235294

00:45:43.729 --> 00:45:45.997 say was that patients feel that way,
NOTE Confidence: 0.946836098235294

00:45:46.000 --> 00:45:48.387 but we have to recognize that these
NOTE Confidence: 0.946836098235294

00:45:48.387 --> 00:45:50.409 tests are different strategy, right.
NOTE Confidence: 0.946836098235294

00:45:50.409 --> 00:45:52.623 So I started this whole presentation
NOTE Confidence: 0.946836098235294

00:45:52.623 --> 00:45:54.756 by saying that the amazing power
NOTE Confidence: 0.946836098235294

00:45:54.756 --> 00:45:56.664 we have in colorectal is that
NOTE Confidence: 0.946836098235294

00:45:56.664 --> 00:45:58.839 we can prevent an early detect.

NOTE Confidence: 0.946836098235294
00:45:58.840 --> 00:46:00.790 These blood based tests are mostly
NOTE Confidence: 0.946836098235294
00:46:00.790 --> 00:46:02.435 early detecting and they're not
NOTE Confidence: 0.946836098235294
00:46:02.435 --> 00:46:03.875 even early detecting stage 1,
NOTE Confidence: 0.946836098235294
00:46:03.880 --> 00:46:06.120 They're early detecting stage 2:00.
NOTE Confidence: 0.946836098235294
00:46:06.120 --> 00:46:08.040 So we just have to recognize that this
NOTE Confidence: 0.946836098235294
00:46:08.040 --> 00:46:09.556 this motto that Brendan Spiegel taught
NOTE Confidence: 0.946836098235294
00:46:09.556 --> 00:46:11.787 me when I was a fellow that the best
NOTE Confidence: 0.946836098235294
00:46:11.787 --> 00:46:13.650 test is a screening test that gets done.
NOTE Confidence: 0.946836098235294
00:46:13.650 --> 00:46:15.120 I'm not sure I'm going to be
NOTE Confidence: 0.946836098235294
00:46:15.120 --> 00:46:16.248 saying that anymore, right?
NOTE Confidence: 0.946836098235294
00:46:16.248 --> 00:46:18.840 Because to me it's kind of apples to oranges.
NOTE Confidence: 0.946836098235294
00:46:18.840 --> 00:46:21.656 We have tests that prevent and early detect
NOTE Confidence: 0.946836098235294
00:46:21.656 --> 00:46:24.638 and now we have tests that early detect.
NOTE Confidence: 0.946836098235294
00:46:24.640 --> 00:46:26.503 My biggest fear and why I get to the
NOTE Confidence: 0.946836098235294
00:46:26.503 --> 00:46:28.709 the slide and bite my lip is that I'm
NOTE Confidence: 0.946836098235294

00:46:28.709 --> 00:46:30.349 excited about the technology and the
NOTE Confidence: 0.946836098235294

00:46:30.349 --> 00:46:32.413 the emergence of people in our field.
NOTE Confidence: 0.946836098235294

00:46:32.413 --> 00:46:35.304 But I'm nervous about the interpretation of
NOTE Confidence: 0.946836098235294

00:46:35.304 --> 00:46:38.200 these tests because I've run into harmony,
NOTE Confidence: 0.946836098235294

00:46:38.200 --> 00:46:40.012 harmony people, lay people,
NOTE Confidence: 0.946836098235294

00:46:40.012 --> 00:46:42.315 but also researchers and clinicians
NOTE Confidence: 0.946836098235294

00:46:42.315 --> 00:46:44.640 who don't even understand that
NOTE Confidence: 0.946836098235294

00:46:44.640 --> 00:46:46.689 we're shifting fundamentally from
NOTE Confidence: 0.946836098235294

00:46:46.689 --> 00:46:48.797 prevention to early detection.
NOTE Confidence: 0.946836098235294

00:46:48.800 --> 00:46:51.560 That potentially changes again the number
NOTE Confidence: 0.946836098235294

00:46:51.560 --> 00:46:55.352 of people that we say you have cancer too,
NOTE Confidence: 0.946836098235294

00:46:55.352 --> 00:46:57.185 right, which is what I started
NOTE Confidence: 0.946836098235294

00:46:57.185 --> 00:46:58.040 this presentation with.
NOTE Confidence: 0.946836098235294

00:46:58.040 --> 00:47:00.024 So I am excited.
NOTE Confidence: 0.946836098235294

00:47:00.024 --> 00:47:03.247 These are not yet recommended by USPFTF,
NOTE Confidence: 0.946836098235294

00:47:03.247 --> 00:47:03.988 but it's on.

NOTE Confidence: 0.946836098235294

00:47:03.988 --> 00:47:06.608 I I think that our whole field is going to

NOTE Confidence: 0.946836098235294

00:47:06.608 --> 00:47:09.000 change as those become more and more popular.

NOTE Confidence: 0.946836098235294

00:47:09.000 --> 00:47:10.920 I'm going to close out here.

NOTE Confidence: 0.946836098235294

00:47:10.920 --> 00:47:11.963 I think I'm going to just put

NOTE Confidence: 0.946836098235294

00:47:11.963 --> 00:47:13.200 this up here for a couple minutes,

NOTE Confidence: 0.946836098235294

00:47:13.200 --> 00:47:15.036 but I'm pretty sure I made all these points.

NOTE Confidence: 0.946836098235294

00:47:15.040 --> 00:47:16.540 I want you to leave understanding

NOTE Confidence: 0.946836098235294

00:47:16.540 --> 00:47:17.720 how common this disease is,

NOTE Confidence: 0.946836098235294

00:47:17.720 --> 00:47:19.440 but how preventable it is.

NOTE Confidence: 0.946836098235294

00:47:19.440 --> 00:47:21.848 I want you to understand that young adults

NOTE Confidence: 0.946836098235294

00:47:21.848 --> 00:47:24.142 need to be aware of getting screened

NOTE Confidence: 0.946836098235294

00:47:24.142 --> 00:47:26.560 and also symptoms and not ignore them.

NOTE Confidence: 0.946836098235294

00:47:26.560 --> 00:47:28.520 I want you to be aware that the

NOTE Confidence: 0.946836098235294

00:47:28.520 --> 00:47:29.568 screening guidelines changed and

NOTE Confidence: 0.946836098235294

00:47:29.568 --> 00:47:31.346 now we're screening at 45 and that

NOTE Confidence: 0.946836098235294

00:47:31.346 --> 00:47:32.878 despite all the work in this area,
NOTE Confidence: 0.946836098235294

00:47:32.880 --> 00:47:35.120 we still have profound disparities.
NOTE Confidence: 0.946836098235294

00:47:35.120 --> 00:47:36.275 What we're doing some work
NOTE Confidence: 0.946836098235294

00:47:36.275 --> 00:47:37.199 in that those areas,
NOTE Confidence: 0.946836098235294

00:47:37.200 --> 00:47:39.180 but a lot more has to be done and it
NOTE Confidence: 0.946836098235294

00:47:39.240 --> 00:47:41.277 really has to do with very sensitive,
NOTE Confidence: 0.946836098235294

00:47:41.280 --> 00:47:43.344 culturally tailored and
NOTE Confidence: 0.946836098235294

00:47:43.344 --> 00:47:44.720 targeted interventions.
NOTE Confidence: 0.946836098235294

00:47:44.720 --> 00:47:46.820 I'm going to end there and I'll
NOTE Confidence: 0.946836098235294

00:47:46.820 --> 00:47:49.117 just put my thank you slide up.
NOTE Confidence: 0.946836098235294

00:47:49.120 --> 00:47:49.439 Oh,
NOTE Confidence: 0.946836098235294

00:47:49.439 --> 00:47:50.077 my goodness.
NOTE Confidence: 0.946836098235294

00:47:50.077 --> 00:47:52.581 And I'm putting this up because that QR
NOTE Confidence: 0.946836098235294

00:47:52.581 --> 00:47:55.200 code is to my lab if you want to learn more.
NOTE Confidence: 0.946836098235294

00:47:55.200 --> 00:47:57.216 And then also I want obviously want
NOTE Confidence: 0.946836098235294

00:47:57.216 --> 00:47:59.678 to thank my partners and our funders.

NOTE Confidence: 0.946836098235294
00:47:59.680 --> 00:48:00.840 So thank you very much.
NOTE Confidence: 0.950363401111111
00:48:06.120 --> 00:48:07.308 Thank you so much.
NOTE Confidence: 0.950363401111111
00:48:07.308 --> 00:48:08.793 And what a fantastic talk.
NOTE Confidence: 0.950363401111111
00:48:08.800 --> 00:48:11.064 Happy to take questions.
NOTE Confidence: 0.950363401111111
00:48:11.064 --> 00:48:13.240 Now there's something in the chat too.
NOTE Confidence: 0.950363401111111
00:48:13.240 --> 00:48:15.600 So that was so fantastic.
NOTE Confidence: 0.950363401111111
00:48:15.600 --> 00:48:19.240 Thank you. Thank you.
NOTE Confidence: 0.950363401111111
00:48:19.240 --> 00:48:21.795 I have a question about the the
NOTE Confidence: 0.950363401111111
00:48:21.795 --> 00:48:24.000 research you're doing from the
NOTE Confidence: 0.950363401111111
00:48:24.000 --> 00:48:28.852 FQHC to the the clinics and you
NOTE Confidence: 0.950363401111111
00:48:28.852 --> 00:48:31.268 mentioned eight factors you
NOTE Confidence: 0.950363401111111
00:48:31.268 --> 00:48:34.808 have found that are the barriers
NOTE Confidence: 0.950363401111111
00:48:34.808 --> 00:48:37.718 to getting the 2nd screening.
NOTE Confidence: 0.950363401111111
00:48:37.720 --> 00:48:39.992 Can you just say like what is the
NOTE Confidence: 0.950363401111111
00:48:39.992 --> 00:48:41.682 primary barrier that you would think
NOTE Confidence: 0.950363401111111

00:48:41.682 --> 00:48:43.416 is from the system's perspective
NOTE Confidence: 0.9503634011111111

00:48:43.416 --> 00:48:45.756 that is causing a challenge?
NOTE Confidence: 0.9503634011111111

00:48:45.760 --> 00:48:47.640 I, there's a chance I have a slide.
NOTE Confidence: 0.9503634011111111

00:48:47.640 --> 00:48:49.680 So I'm just going to,
NOTE Confidence: 0.9503634011111111

00:48:49.680 --> 00:48:51.678 I have all these extra slides just in case.
NOTE Confidence: 0.9503634011111111

00:48:51.680 --> 00:48:53.760 But I don't think that's one of them.
NOTE Confidence: 0.9503634011111111

00:48:53.760 --> 00:48:55.400 So OK, what it is,
NOTE Confidence: 0.9503634011111111

00:48:55.400 --> 00:48:57.255 it's not that there are 8 barriers
NOTE Confidence: 0.9503634011111111

00:48:57.255 --> 00:48:59.085 because that's how I used to think
NOTE Confidence: 0.9503634011111111

00:48:59.085 --> 00:49:00.555 of things as like whole barriers.
NOTE Confidence: 0.9503634011111111

00:49:00.560 --> 00:49:02.803 What we did is we there are eight sets, OK.
NOTE Confidence: 0.9503634011111111

00:49:02.803 --> 00:49:04.747 So what we did is we went into
NOTE Confidence: 0.9503634011111111

00:49:04.747 --> 00:49:06.277 the clinic and we said,
NOTE Confidence: 0.9503634011111111

00:49:06.280 --> 00:49:08.640 we went into the clinic and we said
NOTE Confidence: 0.9503634011111111

00:49:08.640 --> 00:49:11.278 when a patient has an abnormal fit,
NOTE Confidence: 0.9503634011111111

00:49:11.280 --> 00:49:13.400 what's the first thing that has to happen.

NOTE Confidence: 0.9503634011111111
00:49:13.400 --> 00:49:15.560 And the the first thing that
NOTE Confidence: 0.9503634011111111
00:49:15.560 --> 00:49:17.800 has to happen is that the,
NOTE Confidence: 0.9503634011111111
00:49:17.800 --> 00:49:19.486 the doctor has to see the results, right.
NOTE Confidence: 0.9503634011111111
00:49:19.486 --> 00:49:20.916 And believe it or not,
NOTE Confidence: 0.9503634011111111
00:49:20.920 --> 00:49:22.439 there are cases where it's just sitting
NOTE Confidence: 0.9503634011111111
00:49:22.439 --> 00:49:24.319 in the EHR and no one ever noticed it,
NOTE Confidence: 0.9503634011111111
00:49:24.320 --> 00:49:24.664 right.
NOTE Confidence: 0.9503634011111111
00:49:24.664 --> 00:49:26.040 So that's step one.
NOTE Confidence: 0.9503634011111111
00:49:26.040 --> 00:49:27.720 And then the second step is the
NOTE Confidence: 0.9503634011111111
00:49:27.720 --> 00:49:29.553 provider has to contact the patient
NOTE Confidence: 0.9503634011111111
00:49:29.553 --> 00:49:30.957 and communicate the results.
NOTE Confidence: 0.9503634011111111
00:49:30.960 --> 00:49:32.856 The third step is the provider
NOTE Confidence: 0.9503634011111111
00:49:32.856 --> 00:49:35.600 and the patient have to come to a
NOTE Confidence: 0.9503634011111111
00:49:35.600 --> 00:49:37.365 patient provider decision that a
NOTE Confidence: 0.9503634011111111
00:49:37.365 --> 00:49:39.434 colonoscopy should be pursued and by
NOTE Confidence: 0.9503634011111111

00:49:39.434 --> 00:49:41.305 the multi society task force Full
NOTE Confidence: 0.9503634011111111

00:49:41.305 --> 00:49:42.880 disclosure and part of that task force.
NOTE Confidence: 0.9503634011111111

00:49:42.880 --> 00:49:45.118 But our guideline says that 80%
NOTE Confidence: 0.9503634011111111

00:49:45.120 --> 00:49:46.744 of patients at least who have an
NOTE Confidence: 0.9503634011111111

00:49:46.744 --> 00:49:48.186 abnormal fit should be appropriate
NOTE Confidence: 0.9503634011111111

00:49:48.186 --> 00:49:48.880 for colonoscopy.
NOTE Confidence: 0.9503634011111111

00:49:48.880 --> 00:49:50.560 So the answer to that third
NOTE Confidence: 0.9503634011111111

00:49:50.560 --> 00:49:51.680 step should be yes.
NOTE Confidence: 0.9503634011111111

00:49:51.680 --> 00:49:53.612 Then the next step is the provider
NOTE Confidence: 0.9503634011111111

00:49:53.612 --> 00:49:55.120 needs to place a referral.
NOTE Confidence: 0.9503634011111111

00:49:55.120 --> 00:49:56.835 Then the next step after that is
NOTE Confidence: 0.9503634011111111

00:49:56.835 --> 00:49:58.448 that the referral has to be processed
NOTE Confidence: 0.9503634011111111

00:49:58.448 --> 00:50:00.062 and that was a step we didn't
NOTE Confidence: 0.9503634011111111

00:50:00.062 --> 00:50:01.370 really acknowledge before because
NOTE Confidence: 0.9503634011111111

00:50:01.370 --> 00:50:03.328 we just thought it, it just happens.
NOTE Confidence: 0.9503634011111111

00:50:03.328 --> 00:50:04.840 But we realized that a lot of

NOTE Confidence: 0.9503634011111111
00:50:04.888 --> 00:50:05.640 these referrals,
NOTE Confidence: 0.9503634011111111
00:50:05.640 --> 00:50:07.020 they would call the insurer and
NOTE Confidence: 0.9503634011111111
00:50:07.020 --> 00:50:08.560 the insurer would say no and then
NOTE Confidence: 0.9503634011111111
00:50:08.560 --> 00:50:09.712 no one else would follow up.
NOTE Confidence: 0.9503634011111111
00:50:09.720 --> 00:50:12.639 And so things were getting stuck there.
NOTE Confidence: 0.9503634011111111
00:50:12.640 --> 00:50:14.470 And then this is what was
NOTE Confidence: 0.9503634011111111
00:50:14.470 --> 00:50:16.740 really interesting in LA,
NOTE Confidence: 0.9503634011111111
00:50:16.740 --> 00:50:20.028 the GI consultants were requiring the
NOTE Confidence: 0.9503634011111111
00:50:20.028 --> 00:50:23.355 patients to have an in office visit and
NOTE Confidence: 0.9503634011111111
00:50:23.355 --> 00:50:26.680 then a second visit for the colonoscopy.
NOTE Confidence: 0.9503634011111111
00:50:26.680 --> 00:50:28.240 I talked to my colleagues
NOTE Confidence: 0.9503634011111111
00:50:28.240 --> 00:50:29.800 in Boston and New York.
NOTE Confidence: 0.9503634011111111
00:50:29.800 --> 00:50:31.140 Everyone was just taking those
NOTE Confidence: 0.9503634011111111
00:50:31.140 --> 00:50:32.480 patients and putting them into
NOTE Confidence: 0.9503634011111111
00:50:32.525 --> 00:50:33.800 Open Access and scoping them.
NOTE Confidence: 0.9503634011111111

00:50:33.800 --> 00:50:36.516 But when we did our qualitative interviews,
NOTE Confidence: 0.9503634011111111

00:50:36.520 --> 00:50:37.955 which a part of the the NIH
NOTE Confidence: 0.9503634011111111

00:50:37.955 --> 00:50:39.159 grant I didn't go to with,
NOTE Confidence: 0.9503634011111111

00:50:39.160 --> 00:50:41.278 the first aim was qualitative interviews.
NOTE Confidence: 0.9503634011111111

00:50:41.280 --> 00:50:43.352 All of the private practitioners in LA were
NOTE Confidence: 0.9503634011111111

00:50:43.352 --> 00:50:45.197 saying it's a disaster when we do that.
NOTE Confidence: 0.9503634011111111

00:50:45.200 --> 00:50:46.490 These patients are coming from
NOTE Confidence: 0.9503634011111111

00:50:46.490 --> 00:50:47.780 a setting where they haven't
NOTE Confidence: 0.9702775333333333

00:50:47.824 --> 00:50:48.480 had procedures,
NOTE Confidence: 0.9702775333333333

00:50:48.480 --> 00:50:49.960 they don't understand the prep,
NOTE Confidence: 0.9702775333333333

00:50:49.960 --> 00:50:51.640 we have language barriers,
NOTE Confidence: 0.9702775333333333

00:50:51.640 --> 00:50:53.320 they have comorbidities they're
NOTE Confidence: 0.9702775333333333

00:50:53.320 --> 00:50:55.079 showing up with in a FIB.
NOTE Confidence: 0.9702775333333333

00:50:55.080 --> 00:50:56.240 We can't do the procedure.
NOTE Confidence: 0.9702775333333333

00:50:56.240 --> 00:50:59.417 It's getting cancelled day of so they.
NOTE Confidence: 0.9702775333333333

00:50:59.417 --> 00:51:01.302 So in LA, particularly with

NOTE Confidence: 0.9702775333333333
00:51:01.302 --> 00:51:02.433 this underserved population,
NOTE Confidence: 0.9702775333333333
00:51:02.440 --> 00:51:03.686 it became very clear to me that
NOTE Confidence: 0.9702775333333333
00:51:03.686 --> 00:51:05.070 I wasn't going to be able to get
NOTE Confidence: 0.9702775333333333
00:51:05.070 --> 00:51:06.324 rid of that step because all of
NOTE Confidence: 0.9702775333333333
00:51:06.324 --> 00:51:07.319 my colleagues were saying oh,
NOTE Confidence: 0.9702775333333333
00:51:07.320 --> 00:51:08.279 if you get rid of that step,
NOTE Confidence: 0.9702775333333333
00:51:08.280 --> 00:51:08.960 you'll get rid of this,
NOTE Confidence: 0.9702775333333333
00:51:08.960 --> 00:51:09.820 you'll fix this problem.
NOTE Confidence: 0.9702775333333333
00:51:09.820 --> 00:51:10.680 But we have not.
NOTE Confidence: 0.9702775333333333
00:51:10.680 --> 00:51:12.360 We've just tried to streamline
NOTE Confidence: 0.9702775333333333
00:51:12.360 --> 00:51:14.040 that step by doing better
NOTE Confidence: 0.9702775333333333
00:51:14.100 --> 00:51:15.840 medical documentation and pre
NOTE Confidence: 0.9702775333333333
00:51:15.840 --> 00:51:18.880 like pre procedural work.
NOTE Confidence: 0.9702775333333333
00:51:18.880 --> 00:51:19.410 Yes.
NOTE Confidence: 0.9702775333333333
00:51:19.410 --> 00:51:21.000 So Rachel Osaka,
NOTE Confidence: 0.9702775333333333

00:51:21.000 --> 00:51:23.120 who's a colleague at
NOTE Confidence: 0.9702775333333333

00:51:23.120 --> 00:51:25.320 University of Washington,
NOTE Confidence: 0.9702775333333333

00:51:25.320 --> 00:51:26.748 she has a systematic review that's
NOTE Confidence: 0.9702775333333333

00:51:26.748 --> 00:51:28.605 just about to come out that looked
NOTE Confidence: 0.9702775333333333

00:51:28.605 --> 00:51:30.035 at effective interventions for fit,
NOTE Confidence: 0.9702775333333333

00:51:30.040 --> 00:51:32.696 follow up and underserved.
NOTE Confidence: 0.9702775333333333

00:51:32.696 --> 00:51:34.948 And they found, I think,
NOTE Confidence: 0.9702775333333333

00:51:34.948 --> 00:51:36.536 13 interventions and all
NOTE Confidence: 0.9702775333333333

00:51:36.536 --> 00:51:38.439 the body of literature,
NOTE Confidence: 0.9702775333333333

00:51:38.440 --> 00:51:40.560 8 of them were manuscripts,
NOTE Confidence: 0.9702775333333333

00:51:40.560 --> 00:51:42.360 five were abstract conference abstracts,
NOTE Confidence: 0.9702775333333333

00:51:42.360 --> 00:51:43.398 right So.
NOTE Confidence: 0.9702775333333333

00:51:43.398 --> 00:51:45.993 And every single one but
NOTE Confidence: 0.9702775333333333

00:51:45.993 --> 00:51:48.680 one involved the Navigator.
NOTE Confidence: 0.9702775333333333

00:51:48.680 --> 00:51:50.816 So there there is really in
NOTE Confidence: 0.9702775333333333

00:51:50.816 --> 00:51:52.240 these settings in particular,

NOTE Confidence: 0.9702775333333333
00:51:52.240 --> 00:51:54.256 there's something about patient
NOTE Confidence: 0.9702775333333333
00:51:54.256 --> 00:51:56.776 to human interaction and coaching
NOTE Confidence: 0.9702775333333333
00:51:56.776 --> 00:51:59.591 someone through these eight or nine
NOTE Confidence: 0.9702775333333333
00:51:59.591 --> 00:52:01.831 steps that's effective and important.
NOTE Confidence: 0.9702775333333333
00:52:01.840 --> 00:52:03.360 Did I answer your question?
NOTE Confidence: 0.9702775333333333
00:52:03.360 --> 00:52:04.280 Yes.
NOTE Confidence: 0.9702775333333333
00:52:04.280 --> 00:52:05.200 OK.
NOTE Confidence: 0.9702775333333333
00:52:05.200 --> 00:52:06.859 I want to also thank you for
NOTE Confidence: 0.9702775333333333
00:52:06.859 --> 00:52:08.596 an amazing talk and thank you
NOTE Confidence: 0.9702775333333333
00:52:08.596 --> 00:52:09.888 for really eloquently outlining
NOTE Confidence: 0.9702775333333333
00:52:09.888 --> 00:52:11.966 how complex it is to develop
NOTE Confidence: 0.9702775333333333
00:52:11.966 --> 00:52:13.716 interventions across all these levels.
NOTE Confidence: 0.9702775333333333
00:52:13.720 --> 00:52:16.756 So thank you for being here.
NOTE Confidence: 0.9702775333333333
00:52:16.760 --> 00:52:17.756 One of the things that I'm
NOTE Confidence: 0.9702775333333333
00:52:17.756 --> 00:52:18.880 a huge fan of your work,
NOTE Confidence: 0.9702775333333333

00:52:18.880 --> 00:52:21.657 but what I'm really sort of fanning

NOTE Confidence: 0.9702775333333333

00:52:21.657 --> 00:52:23.679 over right now is your relationship

NOTE Confidence: 0.9702775333333333

00:52:23.679 --> 00:52:25.618 with the Federally qualified health

NOTE Confidence: 0.9702775333333333

00:52:25.618 --> 00:52:27.358 centers and acknowledging that,

NOTE Confidence: 0.9702775333333333

00:52:27.360 --> 00:52:27.868 you know,

NOTE Confidence: 0.9702775333333333

00:52:27.868 --> 00:52:29.392 a large majority of our at

NOTE Confidence: 0.9702775333333333

00:52:29.392 --> 00:52:30.517 risk populations are being

NOTE Confidence: 0.9702775333333333

00:52:30.517 --> 00:52:31.637 served in those settings,

NOTE Confidence: 0.9702775333333333

00:52:31.640 --> 00:52:33.740 but yet we're not able to engage

NOTE Confidence: 0.9702775333333333

00:52:33.740 --> 00:52:35.320 them in research regularly.

NOTE Confidence: 0.9702775333333333

00:52:35.320 --> 00:52:37.259 So you outlined a sort of program

NOTE Confidence: 0.9702775333333333

00:52:37.259 --> 00:52:39.479 that sort of has a longitudinal

NOTE Confidence: 0.9702775333333333

00:52:39.479 --> 00:52:41.239 relationship with these centers.

NOTE Confidence: 0.9702775333333333

00:52:41.240 --> 00:52:43.672 And I wonder if you can just help

NOTE Confidence: 0.9702775333333333

00:52:43.672 --> 00:52:45.638 us understand what it really takes

NOTE Confidence: 0.9702775333333333

00:52:45.640 --> 00:52:47.120 to maintain that relationship

NOTE Confidence: 0.9702775333333333
00:52:47.120 --> 00:52:48.600 and engage those community,
NOTE Confidence: 0.9702775333333333
00:52:48.600 --> 00:52:49.090 those groups,
NOTE Confidence: 0.9702775333333333
00:52:49.090 --> 00:52:50.315 because I think that's where
NOTE Confidence: 0.9702775333333333
00:52:50.315 --> 00:52:51.598 we miss the mark a lot.
NOTE Confidence: 0.9702775333333333
00:52:51.600 --> 00:52:52.760 I think we miss the mark a lot.
NOTE Confidence: 0.9702775333333333
00:52:52.760 --> 00:52:54.062 And I'm not going to sit here
NOTE Confidence: 0.9702775333333333
00:52:54.062 --> 00:52:55.559 and say that I do this perfectly.
NOTE Confidence: 0.9702775333333333
00:52:55.560 --> 00:52:58.119 I've had missteps,
NOTE Confidence: 0.9702775333333333
00:52:58.120 --> 00:52:59.680 I would say that in everyone.
NOTE Confidence: 0.9702775333333333
00:52:59.680 --> 00:53:02.398 But one of the FQHCS that I've worked in,
NOTE Confidence: 0.9702775333333333
00:53:02.400 --> 00:53:06.438 the hardest part was trust building.
NOTE Confidence: 0.9702775333333333
00:53:06.440 --> 00:53:09.320 So a lot of these settings I walked into,
NOTE Confidence: 0.9702775333333333
00:53:09.320 --> 00:53:11.720 they had had experience with,
NOTE Confidence: 0.9702775333333333
00:53:11.720 --> 00:53:13.760 with academic institutions,
NOTE Confidence: 0.9702775333333333
00:53:13.760 --> 00:53:15.120 with investigators.
NOTE Confidence: 0.9702775333333333

00:53:15.120 --> 00:53:17.720 They felt almost raped of
NOTE Confidence: 0.9702775333333333

00:53:17.720 --> 00:53:19.630 their data in some situations.
NOTE Confidence: 0.9702775333333333

00:53:19.630 --> 00:53:22.315 So a lot of that first year or so
NOTE Confidence: 0.9702775333333333

00:53:22.315 --> 00:53:24.091 is like courting them like just
NOTE Confidence: 0.9702775333333333

00:53:24.091 --> 00:53:25.919 showing up like we're here to.
NOTE Confidence: 0.9702775333333333

00:53:25.920 --> 00:53:27.510 I said I have coordinators that
NOTE Confidence: 0.9702775333333333

00:53:27.510 --> 00:53:29.457 just sit there and just watch and
NOTE Confidence: 0.9702775333333333

00:53:29.457 --> 00:53:31.119 bring in breakfast and you know,
NOTE Confidence: 0.9702775333333333

00:53:31.120 --> 00:53:33.380 just listen and learn.
NOTE Confidence: 0.9702775333333333

00:53:33.380 --> 00:53:35.640 We are very pushy.
NOTE Confidence: 0.9702775333333333

00:53:35.640 --> 00:53:37.264 Like I think as academics we don't
NOTE Confidence: 0.9702775333333333

00:53:37.264 --> 00:53:38.979 realize and it probably is very
NOTE Confidence: 0.9702775333333333

00:53:38.979 --> 00:53:40.275 efficient and effective people.
NOTE Confidence: 0.9702775333333333

00:53:40.280 --> 00:53:41.690 You just were like in five
NOTE Confidence: 0.9702775333333333

00:53:41.690 --> 00:53:42.630 states in the last
NOTE Confidence: 0.8634098875

00:53:42.689 --> 00:53:44.330 two days. We are very efficient people

NOTE Confidence: 0.8634098875

00:53:44.330 --> 00:53:46.234 and we like things like this and you

NOTE Confidence: 0.8634098875

00:53:46.234 --> 00:53:47.837 go into those settings and you realize

NOTE Confidence: 0.8634098875

00:53:47.889 --> 00:53:49.599 if you act like that it does not work.

NOTE Confidence: 0.8634098875

00:53:49.600 --> 00:53:51.400 They just see you as a pushy person

NOTE Confidence: 0.8634098875

00:53:51.400 --> 00:53:52.959 who needs to watch your agenda.

NOTE Confidence: 0.8634098875

00:53:52.960 --> 00:53:54.571 So a lot of it is the trust building

NOTE Confidence: 0.8634098875

00:53:54.571 --> 00:53:55.960 and the relationship building.

NOTE Confidence: 0.8634098875

00:53:55.960 --> 00:53:58.151 The other, the second part that I

NOTE Confidence: 0.8634098875

00:53:58.151 --> 00:53:59.730 would say answering your question

NOTE Confidence: 0.8634098875

00:53:59.730 --> 00:54:02.042 is you have to have a really strong

NOTE Confidence: 0.8634098875

00:54:02.108 --> 00:54:03.998 like stakeholder in the setting.

NOTE Confidence: 0.8634098875

00:54:04.000 --> 00:54:05.824 For us it tends to at least start

NOTE Confidence: 0.8634098875

00:54:05.824 --> 00:54:07.539 with the Qi director or someone

NOTE Confidence: 0.8634098875

00:54:07.539 --> 00:54:09.333 who has that equivalent role and

NOTE Confidence: 0.8634098875

00:54:09.395 --> 00:54:11.519 sometimes will migrate to someone else.

NOTE Confidence: 0.8634098875

00:54:11.520 --> 00:54:13.076 We have one of the FQHTS that
NOTE Confidence: 0.8634098875

00:54:13.076 --> 00:54:14.024 we're working with for the Stand
NOTE Confidence: 0.8634098875

00:54:14.024 --> 00:54:14.799 Up to Cancer grant.
NOTE Confidence: 0.8634098875

00:54:14.800 --> 00:54:16.078 It's actually a primary care provider.
NOTE Confidence: 0.8634098875

00:54:16.080 --> 00:54:17.252 She just really decided
NOTE Confidence: 0.8634098875

00:54:17.252 --> 00:54:18.717 that she loves this work.
NOTE Confidence: 0.8634098875

00:54:18.720 --> 00:54:20.904 But you have to have buy in because
NOTE Confidence: 0.8634098875

00:54:20.904 --> 00:54:22.563 that person helps change the
NOTE Confidence: 0.8634098875

00:54:22.563 --> 00:54:24.308 culture of the institution and
NOTE Confidence: 0.8634098875

00:54:24.308 --> 00:54:26.389 almost gives you cred about among
NOTE Confidence: 0.8634098875

00:54:26.389 --> 00:54:28.039 all the other providers there.
NOTE Confidence: 0.8634098875

00:54:28.040 --> 00:54:29.517 So that's been really important as well.
NOTE Confidence: 0.8634098875

00:54:29.520 --> 00:54:30.552 But it's hard.
NOTE Confidence: 0.8634098875

00:54:30.552 --> 00:54:31.240 I mean,
NOTE Confidence: 0.8634098875

00:54:31.240 --> 00:54:32.764 we've gotten feedback from some of
NOTE Confidence: 0.8634098875

00:54:32.764 --> 00:54:34.456 these settings that we were rude on

NOTE Confidence: 0.8634098875

00:54:34.456 --> 00:54:35.919 certain days or I've gotten a call

NOTE Confidence: 0.8634098875

00:54:35.971 --> 00:54:37.519 that my project coordinator came in

NOTE Confidence: 0.8634098875

00:54:37.519 --> 00:54:38.968 there talking like she knows everything.

NOTE Confidence: 0.8634098875

00:54:38.968 --> 00:54:40.396 You know, like you have to be,

NOTE Confidence: 0.8634098875

00:54:40.400 --> 00:54:41.720 you have to be very careful.

NOTE Confidence: 0.8634098875

00:54:41.720 --> 00:54:43.080 I mean, I I mean,

NOTE Confidence: 0.8634098875

00:54:43.080 --> 00:54:43.640 I hate to say it,

NOTE Confidence: 0.8634098875

00:54:43.640 --> 00:54:45.152 but even like the way we dress

NOTE Confidence: 0.8634098875

00:54:45.152 --> 00:54:46.239 or the jewelry we wear,

NOTE Confidence: 0.8634098875

00:54:46.240 --> 00:54:47.969 you can be very careful when you

NOTE Confidence: 0.8634098875

00:54:47.969 --> 00:54:49.510 go into these settings and you

NOTE Confidence: 0.8634098875

00:54:49.510 --> 00:54:50.595 have to be very aware of that.

NOTE Confidence: 0.8634098875

00:54:50.600 --> 00:54:51.839 And then, and you have to understand,

NOTE Confidence: 0.8634098875

00:54:51.840 --> 00:54:52.800 this takes time.

NOTE Confidence: 0.8634098875

00:54:52.800 --> 00:54:53.440 I mean,

NOTE Confidence: 0.8634098875

00:54:53.440 --> 00:54:55.015 I started doing this work and Gary
NOTE Confidence: 0.8634098875

00:54:55.015 --> 00:54:56.679 Gitnick was the chief of my division.
NOTE Confidence: 0.8634098875

00:54:56.680 --> 00:54:58.800 And I told him I want to do this work.
NOTE Confidence: 0.8634098875

00:54:58.800 --> 00:55:00.040 No one does this work.
NOTE Confidence: 0.8634098875

00:55:00.040 --> 00:55:01.420 But I'm going to need like
NOTE Confidence: 0.8634098875

00:55:01.420 --> 00:55:02.840 five years to figure this out.
NOTE Confidence: 0.8634098875

00:55:02.840 --> 00:55:04.118 And can you just pay me?
NOTE Confidence: 0.8634098875

00:55:04.120 --> 00:55:05.380 Well, figure this out.
NOTE Confidence: 0.8634098875

00:55:05.380 --> 00:55:07.306 And he was like, sure, yeah, we'll,
NOTE Confidence: 0.8634098875

00:55:07.306 --> 00:55:09.192 we'll figure it out. We'll just pay you.
NOTE Confidence: 0.8634098875

00:55:09.192 --> 00:55:10.432 And now it's paying off.
NOTE Confidence: 0.8634098875

00:55:10.440 --> 00:55:11.760 But I mean, you have to have some.
NOTE Confidence: 0.8634098875

00:55:11.760 --> 00:55:13.041 You have to be at an institution
NOTE Confidence: 0.8634098875

00:55:13.041 --> 00:55:14.279 that's going to invest in people.
NOTE Confidence: 0.8634098875

00:55:14.280 --> 00:55:16.156 And the time, I hope the answers,
NOTE Confidence: 0.8634098875

00:55:16.160 --> 00:55:17.120 I can go on forever,

NOTE Confidence: 0.8634098875

00:55:17.120 --> 00:55:18.440 but hope that answers.

NOTE Confidence: 0.86785241

00:55:20.800 --> 00:55:21.880 Hi, It's good to see you.

NOTE Confidence: 0.22800906

00:55:26.080 --> 00:55:26.200 Good,

NOTE Confidence: 0.5413890825

00:55:28.360 --> 00:55:28.960 thank you. But with

NOTE Confidence: 0.540802005

00:55:32.400 --> 00:55:35.616 the stool based test, if you pick out

NOTE Confidence: 0.540802005

00:55:35.616 --> 00:55:38.880 polyps in you actually can with the fit.

NOTE Confidence: 0.540802005

00:55:38.880 --> 00:55:41.690 So the sensitivity for fit, for FIT,

NOTE Confidence: 0.540802005

00:55:41.690 --> 00:55:44.805 for advanced adenoma which is the polyps

NOTE Confidence: 0.540802005

00:55:44.805 --> 00:55:49.320 we care about is about 40%, it's for the.

NOTE Confidence: 0.540802005

00:55:49.320 --> 00:55:51.504 Yeah. So the sensitive is even

NOTE Confidence: 0.540802005

00:55:51.504 --> 00:55:53.960 higher for stage one through 4:00.

NOTE Confidence: 0.540802005

00:55:53.960 --> 00:55:55.968 So we actually think fit does a pretty

NOTE Confidence: 0.540802005

00:55:55.968 --> 00:55:57.757 good job of both the prevention,

NOTE Confidence: 0.540802005

00:55:57.760 --> 00:55:59.060 early detection, the Gwyak,

NOTE Confidence: 0.540802005

00:55:59.060 --> 00:56:01.092 the FOPG does not, it's like 12%.

NOTE Confidence: 0.540802005

00:56:01.092 --> 00:56:02.312 So though that's why those
NOTE Confidence: 0.540802005

00:56:02.312 --> 00:56:03.480 have come out of favor.
NOTE Confidence: 0.540802005

00:56:03.480 --> 00:56:05.056 Cologuard is, is 42%.
NOTE Confidence: 0.540802005

00:56:05.056 --> 00:56:08.000 I think the, the one point O,
NOTE Confidence: 0.540802005

00:56:08.000 --> 00:56:10.560 so those two newer test and
NOTE Confidence: 0.540802005

00:56:10.560 --> 00:56:12.720 then the Cologuard 2 point O,
NOTE Confidence: 0.540802005

00:56:12.720 --> 00:56:14.480 the one that they just released the Journal,
NOTE Confidence: 0.540802005

00:56:14.480 --> 00:56:17.160 the in New England Journal 3 weeks ago,
NOTE Confidence: 0.540802005

00:56:17.160 --> 00:56:18.985 that also has good sensitivity
NOTE Confidence: 0.540802005

00:56:18.985 --> 00:56:20.080 for Vance Adenovus.
NOTE Confidence: 0.540802005

00:56:20.080 --> 00:56:21.440 But it's just the liquid,
NOTE Confidence: 0.540802005

00:56:21.440 --> 00:56:24.599 the the blood ones that do not 13 percent,
NOTE Confidence: 0.540802005

00:56:24.600 --> 00:56:25.120 13%.
NOTE Confidence: 0.66711825

00:56:27.920 --> 00:56:32.466 Yeah. I mean, I, like you don't really
NOTE Confidence: 0.66711825

00:56:32.466 --> 00:56:35.320 believe that screening is being done
NOTE Confidence: 0.66711825

00:56:35.320 --> 00:56:37.320 as frequently as black Americans,

NOTE Confidence: 0.66711825

00:56:37.320 --> 00:56:38.520 as white Americans.

NOTE Confidence: 0.66711825

00:56:38.520 --> 00:56:40.720 But, you know, that's the idea you have.

NOTE Confidence: 0.66711825

00:56:40.720 --> 00:56:42.720 But clearly, you know,

NOTE Confidence: 0.66711825

00:56:42.720 --> 00:56:45.720 mortality is higher in black individuals.

NOTE Confidence: 0.66711825

00:56:45.720 --> 00:56:48.312 Yeah. So there's there's a problem

NOTE Confidence: 0.66711825

00:56:48.312 --> 00:56:50.616 after diagnosing and there's no

NOTE Confidence: 0.66711825

00:56:50.616 --> 00:56:52.920 question about that. Absolutely.

NOTE Confidence: 0.66711825

00:56:52.920 --> 00:56:54.560 You have thoughts about that? Yeah.

NOTE Confidence: 0.66711825

00:56:54.560 --> 00:56:57.080 So you know that I do have a slide.

NOTE Confidence: 0.66711825

00:56:57.080 --> 00:56:58.400 Do I have, do I have a minute?

NOTE Confidence: 0.66711825

00:56:58.400 --> 00:56:59.360 I have a minute to it.

NOTE Confidence: 0.66711825

00:56:59.360 --> 00:57:00.680 I have a minute. OK.

NOTE Confidence: 0.66711825

00:57:00.680 --> 00:57:03.236 So this, I'm glad you brought

NOTE Confidence: 0.66711825

00:57:03.236 --> 00:57:05.159 that up because we only talked

NOTE Confidence: 0.66711825

00:57:05.159 --> 00:57:06.437 about a piece of the problem.

NOTE Confidence: 0.66711825

00:57:06.440 --> 00:57:10.800 Right. So, oh gosh, no, I'm not.

NOTE Confidence: 0.66711825

00:57:10.800 --> 00:57:12.210 I'm using my minute to like

NOTE Confidence: 0.66711825

00:57:12.210 --> 00:57:12.915 scroll through slides.

NOTE Confidence: 0.66711825

00:57:12.920 --> 00:57:14.688 But this is the bigger problem, right,

NOTE Confidence: 0.66711825

00:57:14.688 --> 00:57:18.592 is that you have disparities at every box.

NOTE Confidence: 0.66711825

00:57:18.600 --> 00:57:21.040 So I've decided to focus on this box.

NOTE Confidence: 0.66711825

00:57:21.040 --> 00:57:21.980 But you could have,

NOTE Confidence: 0.66711825

00:57:21.980 --> 00:57:24.079 you could focus on any of those boxes.

NOTE Confidence: 0.66711825

00:57:24.080 --> 00:57:26.285 And recently we had a paper that came out

NOTE Confidence: 0.66711825

00:57:26.285 --> 00:57:28.759 in JAMA that showed differences but black,

NOTE Confidence: 0.66711825

00:57:28.760 --> 00:57:30.476 white differences in treatment.

NOTE Confidence: 0.66711825

00:57:30.476 --> 00:57:33.601 So when you look at guideline directed

NOTE Confidence: 0.66711825

00:57:33.601 --> 00:57:36.439 treatment for colon and rectal cancer,

NOTE Confidence: 0.66711825

00:57:36.440 --> 00:57:38.336 black individuals are less likely to

NOTE Confidence: 0.66711825

00:57:38.336 --> 00:57:40.116 get the NCCN guideline recommended

NOTE Confidence: 0.66711825

00:57:40.116 --> 00:57:41.956 treatment than white Americans.

NOTE Confidence: 0.66711825

00:57:41.960 --> 00:57:43.514 And that's after we we controlled

NOTE Confidence: 0.66711825

00:57:43.514 --> 00:57:44.943 for everything that was national

NOTE Confidence: 0.66711825

00:57:44.943 --> 00:57:45.639 data adherence

NOTE Confidence: 0.802430916666667

00:57:47.720 --> 00:57:50.856 adherence. So when you look at the

NOTE Confidence: 0.802430916666667

00:57:50.856 --> 00:57:52.800 their surgery, chemotherapy, radiation,

NOTE Confidence: 0.802430916666667

00:57:52.800 --> 00:57:55.400 particularly radiation for rectal cancer,

NOTE Confidence: 0.802430916666667

00:57:55.400 --> 00:57:56.845 the use of guideline appropriate

NOTE Confidence: 0.802430916666667

00:57:56.845 --> 00:57:59.011 treatment as laid out in the guidelines

NOTE Confidence: 0.802430916666667

00:57:59.011 --> 00:58:00.676 was lower in black individuals.

NOTE Confidence: 0.802430916666667

00:58:00.680 --> 00:58:02.822 So that it's the accumulation of

NOTE Confidence: 0.802430916666667

00:58:02.822 --> 00:58:05.201 disparities at every one of these boxes

NOTE Confidence: 0.802430916666667

00:58:05.201 --> 00:58:06.760 that's at 40% mortality difference

NOTE Confidence: 0.802430916666667

00:58:06.760 --> 00:58:09.840 that you're referring to. Yeah.

NOTE Confidence: 0.802430916666667

00:58:09.840 --> 00:58:11.760 And I this, this alone is a talk,

NOTE Confidence: 0.802430916666667

00:58:11.760 --> 00:58:13.244 right, 'cause I mean you could I'm

NOTE Confidence: 0.802430916666667

00:58:13.244 --> 00:58:14.878 we just talked about screening today,
NOTE Confidence: 0.802430916666667

00:58:14.880 --> 00:58:17.855 but there's differences in risk factors and
NOTE Confidence: 0.802430916666667

00:58:17.855 --> 00:58:20.640 lifestyle and also survivorship as well.
NOTE Confidence: 0.802430916666667

00:58:20.640 --> 00:58:22.635 When you look at like things like
NOTE Confidence: 0.802430916666667

00:58:22.640 --> 00:58:24.584 sexual dysfunction, Gu dysfunction,
NOTE Confidence: 0.802430916666667

00:58:24.584 --> 00:58:28.159 those are all different by race as well.
NOTE Confidence: 0.802430916666667

00:58:28.160 --> 00:58:30.078 I'd like to thank Doctor May again
NOTE Confidence: 0.8344169675

00:58:33.120 --> 00:58:34.760 time and presentation today.
NOTE Confidence: 0.8344169675

00:58:34.760 --> 00:58:36.400 Thank you so much.
NOTE Confidence: 0.8344169675

00:58:36.400 --> 00:58:37.888 Thank you so much and thank
NOTE Confidence: 0.8344169675

00:58:37.888 --> 00:58:38.880 you for the questions.
NOTE Confidence: 0.8344169675

00:58:38.880 --> 00:58:40.035 And I'll stand here for a few
NOTE Confidence: 0.8344169675

00:58:40.035 --> 00:58:41.118 minutes in case there are more.
NOTE Confidence: 0.8344169675

00:58:41.120 --> 00:58:43.000 Thank you so much.