WEBVTT

NOTE duration:"01:00:05"

NOTE recognizability:0.867

NOTE language:en-us

NOTE Confidence: 0.779527531111111

00:00:00.000 --> 00:00:02.144 I wanna welcome everyone

NOTE Confidence: 0.779527531111111

00:00:02.144 --> 00:00:04.824 to to our Grand Rapids.

NOTE Confidence: 0.779527531111111

00:00:04.830 --> 00:00:07.511 I think this is the second or third

NOTE Confidence: 0.779527531111111

00:00:07.511 --> 00:00:10.220 that I've presided over in my very

NOTE Confidence: 0.779527531111111

00:00:10.306 --> 00:00:12.707 brief tenure at at Yale so far.

NOTE Confidence: 0.779527531111111

00:00:12.710 --> 00:00:14.230 And today we're doing

NOTE Confidence: 0.779527531111111

00:00:14.230 --> 00:00:15.750 something a little different,

NOTE Confidence: 0.779527531111111

00:00:15.750 --> 00:00:18.340 a little different from most of the

NOTE Confidence: 0.779527531111111

00:00:18.340 --> 00:00:20.139 presentations that that I've seen.

NOTE Confidence: 0.779527531111111

00:00:20.140 --> 00:00:22.762 And today's grand rounds grows out

NOTE Confidence: 0.779527531111111

00:00:22.762 --> 00:00:26.046 of or comes out of a book that

NOTE Confidence: 0.779527531111111

00:00:26.046 --> 00:00:29.000 that Abby Glock at the law school,

NOTE Confidence: 0.779527531111111

00:00:29.000 --> 00:00:30.293 and Charlie Fuchs,

NOTE Confidence: 0.779527531111111

00:00:30.293 --> 00:00:34.540 who you all know well as my predecessor.

NOTE Confidence: 0.779527531111111

00:00:34.540 --> 00:00:36.232 And who was here until just

NOTE Confidence: 0.779527531111111

00:00:36.232 --> 00:00:37.670 a matter of months ago?

NOTE Confidence: 0.94754502875

00:00:39.750 --> 00:00:42.641 A book that that that they put

NOTE Confidence: 0.94754502875

00:00:42.641 --> 00:00:45.055 together called a new deal for

NOTE Confidence: 0.94754502875

00:00:45.055 --> 00:00:47.919 cancer lessons from a 50 year war.

NOTE Confidence: 0.94754502875

00:00:47.920 --> 00:00:51.886 And this book. Thank you Melinda.

NOTE Confidence: 0.94754502875

00:00:51.890 --> 00:00:55.186 There's this this book as described to me

NOTE Confidence: 0.94754502875

00:00:55.186 --> 00:00:59.105 when I was first asked to write a chapter.

NOTE Confidence: 0.94754502875

00:00:59.110 --> 00:01:03.598 Is a book that isn't necessarily meant purely

NOTE Confidence: 0.94754502875

00:01:03.598 --> 00:01:06.886 for scientists or purely for clinicians,

NOTE Confidence: 0.94754502875

00:01:06.890 --> 00:01:08.846 but as a book that's meant

NOTE Confidence: 0.94754502875

00:01:08.850 --> 00:01:12.490 for students and for doctors,

NOTE Confidence: 0.94754502875

00:01:12.490 --> 00:01:14.650 and for other health care professionals,

NOTE Confidence: 0.94754502875

00:01:14.650 --> 00:01:16.390 and for the lay public,

NOTE Confidence: 0.94754502875

00:01:16.390 --> 00:01:19.046 and for really everyone to review where we've

NOTE Confidence: 0.94754502875

00:01:19.046 --> 00:01:21.588 come with cancer over the past 50 years?

NOTE Confidence: 0.94754502875

00:01:21.590 --> 00:01:23.949 Not so much where we've come scientifically,

NOTE Confidence: 0.94754502875

00:01:23.950 --> 00:01:26.119 describing scientific progress

NOTE Confidence: 0.94754502875

00:01:26.119 --> 00:01:28.288 and exquisite detail,

NOTE Confidence: 0.94754502875

00:01:28.290 --> 00:01:30.380 but more of a sociocultural.

NOTE Confidence: 0.94754502875

00:01:30.380 --> 00:01:32.732 Look at the evolution of of of

NOTE Confidence: 0.94754502875

00:01:32.732 --> 00:01:35.280 of cancer and our approach as a

NOTE Confidence: 0.94754502875

00:01:35.280 --> 00:01:37.972 society to cancer and in truth some

NOTE Confidence: 0.94754502875

00:01:37.972 --> 00:01:40.456 of the great progress we've made.

NOTE Confidence: 0.94754502875

00:01:40.460 --> 00:01:42.960 So there are many chapters

NOTE Confidence: 0.94754502875

00:01:42.960 --> 00:01:44.960 in this wonderful book,

NOTE Confidence: 0.94754502875

00:01:44.960 --> 00:01:48.278 and we've we've put together a

NOTE Confidence: 0.94754502875

00:01:48.278 --> 00:01:51.464 group of people today who have

NOTE Confidence: 0.94754502875

00:01:51.464 --> 00:01:53.899 been involved with the book,

NOTE Confidence: 0.94754502875

00:01:53.900 --> 00:01:58.160 mostly writing chapters and and,

NOTE Confidence: 0.94754502875

00:01:58.160 --> 00:02:01.328 and we've asked each of them to come

NOTE Confidence: 0.94754502875

00:02:01.328 --> 00:02:04.328 together and to speak for about 5 minutes

NOTE Confidence: 0.94754502875

00:02:04.328 --> 00:02:06.860 about their piece of this project.

NOTE Confidence: 0.94754502875

00:02:06.860 --> 00:02:09.513 And then we're going to have time

NOTE Confidence: 0.94754502875

00:02:09.513 --> 00:02:11.528 for some questions at the end.

NOTE Confidence: 0.94754502875

00:02:11.530 --> 00:02:13.735 So without further ado and I'm going

NOTE Confidence: 0.94754502875

00:02:13.735 --> 00:02:16.263 to act as moderator and I will

NOTE Confidence: 0.94754502875

00:02:16.263 --> 00:02:18.525 introduce each of the the speakers

NOTE Confidence: 0.94754502875

00:02:18.530 --> 00:02:21.682 and our first speaker is well known

NOTE Confidence: 0.94754502875

00:02:21.682 --> 00:02:24.328 to all of you Doctor Charles Fuchs,

NOTE Confidence: 0.94754502875

00:02:24.328 --> 00:02:27.170 who was the former director of the

NOTE Confidence: 0.94754502875

00:02:27.246 --> 00:02:29.346 Yale Cancer Center and Physician

NOTE Confidence: 0.94754502875

00:02:29.346 --> 00:02:32.180 in Chief of Smilow Cancer Hospital.

NOTE Confidence: 0.94754502875

00:02:32.180 --> 00:02:35.548 And is now the.

NOTE Confidence: 0.94754502875

00:02:35.550 --> 00:02:36.056 Genentech's,

NOTE Confidence: 0.94754502875

00:02:36.056 --> 00:02:38.586 head of oncology and hematology

NOTE Confidence: 0.94754502875

00:02:38.586 --> 00:02:40.104 global product development.

NOTE Confidence: 0.94754502875

00:02:40.110 --> 00:02:43.270 Charlie is an internationally

NOTE Confidence: 0.94754502875

00:02:43.270 --> 00:02:45.586 recognized GI oncologist.

NOTE Confidence: 0.94754502875

00:02:45.586 --> 00:02:48.638 Before coming to Yale,

NOTE Confidence: 0.94754502875

00:02:48.640 --> 00:02:53.545 this is now probably five to six years ago.

NOTE Confidence: 0.94754502875

00:02:53.550 --> 00:02:56.616 He was a professor at Harvard Medical

NOTE Confidence: 0.94754502875

00:02:56.616 --> 00:02:58.866 School and the chief of the GI

NOTE Confidence: 0.94754502875

00:02:58.866 --> 00:03:00.794 Oncology Division and the Robert E

NOTE Confidence: 0.94754502875

00:03:00.794 --> 00:03:03.442 and Judith B Hill Chair in pancreatic cancer.

NOTE Confidence: 0.94754502875

00:03:03.450 --> 00:03:04.893 At Dana Farber,

NOTE Confidence: 0.94754502875

00:03:04.893 --> 00:03:07.779 where he and I were colleagues

NOTE Confidence: 0.94754502875

00:03:07.779 --> 00:03:10.568 for approximately 19 years.

NOTE Confidence: 0.94754502875

00:03:10.570 --> 00:03:12.186 So Charlie,

NOTE Confidence: 0.94754502875

00:03:12.186 --> 00:03:14.610 without further ado,

NOTE Confidence: 0.94754502875

00:03:14.610 --> 00:03:15.925 maybe you could start us

NOTE Confidence: 0.94754502875

00:03:15.925 --> 00:03:16.977 off with some comments.

NOTE Confidence: 0.903583793846154

00:03:17.730 --> 00:03:19.669 Eric, thank you. And and it's so

NOTE Confidence: 0.903583793846154

00:03:19.669 --> 00:03:21.669 great to see you and everybody,

NOTE Confidence: 0.903583793846154

00:03:21.670 --> 00:03:24.820 and I'm really so honored to be back at

NOTE Confidence: 0.903583793846154

00:03:24.820 --> 00:03:27.838 this wonderful forum and and I guess

NOTE Confidence: 0.903583793846154

00:03:27.838 --> 00:03:29.830 virtually at this amazing center.

NOTE Confidence: 0.903583793846154

00:03:29.830 --> 00:03:33.027 You know, I I my years at Yale,

NOTE Confidence: 0.903583793846154

00:03:33.030 --> 00:03:35.418 were just such a privilege interacting

NOTE Confidence: 0.903583793846154

00:03:35.418 --> 00:03:38.124 and working with so many talented

NOTE Confidence: 0.903583793846154

00:03:38.124 --> 00:03:40.719 people and the experiences were

NOTE Confidence: 0.903583793846154

00:03:40.719 --> 00:03:42.564 really transformative. For me,

NOTE Confidence: 0.903583793846154

00:03:42.564 --> 00:03:45.378 but you know related to today's forum,

NOTE Confidence: 0.903583793846154

00:03:45.380 --> 00:03:48.532 I think 1 Red Letter day came in

NOTE Confidence: 0.903583793846154

00:03:48.532 --> 00:03:51.930 the summer of 2017 when I first met

NOTE Confidence: 0.903583793846154

00:03:51.930 --> 00:03:55.400 Abby Gluck in my office at Smilow,

NOTE Confidence: 0.903583793846154

00:03:55.400 --> 00:03:57.976 who approached me with the idea of

NOTE Confidence: 0.903583793846154

00:03:57.976 --> 00:04:01.318 let's do a conference between the law

NOTE Confidence: 0.903583793846154

00:04:01.318 --> 00:04:03.420 school smilow and the Cancer Center.

NOTE Confidence: 0.903583793846154

00:04:03.420 --> 00:04:06.709 And admittedly I it just didn't

NOTE Confidence: 0.903583793846154

00:04:06.709 --> 00:04:07.756 seem to click.

NOTE Confidence: 0.903583793846154

00:04:07.756 --> 00:04:09.850 It seemed inconceivable that we could

NOTE Confidence: 0.903583793846154

00:04:09.918 --> 00:04:11.851 come up with such a venue, but.

NOTE Confidence: 0.903583793846154

00:04:11.851 --> 00:04:14.588 You know, really all of this is

NOTE Confidence: 0.903583793846154

00:04:14.588 --> 00:04:16.840 the product of Abby's vision,

NOTE Confidence: 0.903583793846154

00:04:16.840 --> 00:04:18.712 her genius, and really,

NOTE Confidence: 0.903583793846154

00:04:18.712 --> 00:04:21.052 it's she is the architect

NOTE Confidence: 0.903583793846154

00:04:21.052 --> 00:04:22.974 of this and you know,

NOTE Confidence: 0.903583793846154

00:04:22.974 --> 00:04:25.510 she sort of led me along this path

NOTE Confidence: 0.903583793846154

00:04:25.589 --> 00:04:27.899 to launch this joint conference,

NOTE Confidence: 0.903583793846154

00:04:27.900 --> 00:04:29.196 which, as many of you know,

NOTE Confidence: 0.903583793846154

00:04:29.200 --> 00:04:32.220 was an extraordinary van bringing

NOTE Confidence: 0.903583793846154

00:04:32.220 --> 00:04:36.038 together leading figures in cancer care

NOTE Confidence: 0.903583793846154

00:04:36.038 --> 00:04:39.380 research regulation policymaking and was,

NOTE Confidence: 0.903583793846154

00:04:39.380 --> 00:04:41.940 as Abby can attest,

NOTE Confidence: 0.903583793846154

00:04:41.940 --> 00:04:44.586 one of the leading cancer conferences.

NOTE Confidence: 0.903583793846154

00:04:44.590 --> 00:04:46.894 In Connecticut, and I think, uh,

NOTE Confidence: 0.903583793846154

00:04:46.894 --> 00:04:49.234 an important event in terms of

NOTE Confidence: 0.903583793846154

00:04:49.234 --> 00:04:51.439 what we know about cancer.

NOTE Confidence: 0.903583793846154

00:04:51.440 --> 00:04:52.644 Following that,

NOTE Confidence: 0.903583793846154

00:04:52.644 --> 00:04:53.208 Abby,

NOTE Confidence: 0.903583793846154

00:04:53.208 --> 00:04:54.336 the innovator,

NOTE Confidence: 0.903583793846154

00:04:54.336 --> 00:04:58.240 really the the engine of all this

NOTE Confidence: 0.903583793846154

00:04:58.240 --> 00:05:02.356 suggested that we craft a book and

NOTE Confidence: 0.903583793846154

00:05:02.360 --> 00:05:06.149 and what I think the end result was a

NOTE Confidence: 0.903583793846154

00:05:06.149 --> 00:05:08.173 constellation of amazing thought leaders,

NOTE Confidence: 0.903583793846154

00:05:08.173 --> 00:05:11.920 innovators many of whom from Yale and Smilow,

NOTE Confidence: 0.903583793846154

00:05:11.920 --> 00:05:14.620 some of whom presenting today

NOTE Confidence: 0.903583793846154

00:05:14.620 --> 00:05:17.238 and one thing I think we wanted

NOTE Confidence: 0.903583793846154

00:05:17.238 --> 00:05:20.009 to do was to plan the book.

NOTE Confidence: 0.903583793846154

00:05:20.010 --> 00:05:22.940 To launch around the 50th

NOTE Confidence: 0.903583793846154

00:05:22.940 --> 00:05:24.542 anniversary of the National Cancer

NOTE Confidence: 0.903583793846154

00:05:24.542 --> 00:05:26.410 Act or as many of you know,

NOTE Confidence: 0.903583793846154

00:05:26.410 --> 00:05:30.466 the the war on Cancer Act that Richard

NOTE Confidence: 0.903583793846154

00:05:30.466 --> 00:05:34.004 Nixon signed into law in December 1971,

NOTE Confidence: 0.903583793846154

00:05:34.004 --> 00:05:37.042 which is really where the phrase moon

NOTE Confidence: 0.903583793846154

00:05:37.042 --> 00:05:40.905 shot as it relates to cancer care and

NOTE Confidence: 0.903583793846154

00:05:40.905 --> 00:05:43.798 research emanated from with the idea

NOTE Confidence: 0.903583793846154

00:05:43.798 --> 00:05:46.836 that they would launch a NASA like

NOTE Confidence: 0.903583793846154

00:05:46.836 --> 00:05:49.398 program and would conquer cancer.

NOTE Confidence: 0.903583793846154

00:05:49.398 --> 00:05:52.058 By the 200th anniversary of

NOTE Confidence: 0.903583793846154

00:05:52.058 --> 00:05:53.989 the United States,

NOTE Confidence: 0.903583793846154

00:05:53.990 --> 00:05:57.560 that is five years later in 1976 and

NOTE Confidence: 0.903583793846154

00:05:57.560 --> 00:05:59.660 ambitious perhaps unrealistic goal.

NOTE Confidence: 0.903583793846154

00:05:59.660 --> 00:06:01.403 But bottom line is a lot of

NOTE Confidence: 0.903583793846154

00:06:01.403 --> 00:06:02.794 great things happened, you know?

NOTE Confidence: 0.903583793846154

00:06:02.794 --> 00:06:05.370 And at the time the bill was signed,

NOTE Confidence: 0.903583793846154

00:06:05.370 --> 00:06:08.010 we spent $0.89 per person on

NOTE Confidence: 0.903583793846154

00:06:08.010 --> 00:06:10.210 Cancer Research in this country.

NOTE Confidence: 0.903583793846154

00:06:10.210 --> 00:06:13.570 Now we spend $20 per person,

NOTE Confidence: 0.903583793846154

00:06:13.570 --> 00:06:15.940 you know we launched the NCI

NOTE Confidence: 0.903583793846154

00:06:15.940 --> 00:06:17.125 Comprehensive Cancer Centers,

NOTE Confidence: 0.903583793846154

00:06:17.130 --> 00:06:20.865 of which Yale is a leading part of that.

NOTE Confidence: 0.903583793846154

00:06:20.870 --> 00:06:23.276 We saw a new opportunities for

NOTE Confidence: 0.903583793846154

00:06:23.276 --> 00:06:25.610 funding new programs for research,

NOTE Confidence: 0.903583793846154

00:06:25.610 --> 00:06:27.874 the revolution of therapies,

NOTE Confidence: 0.903583793846154

00:06:27.874 --> 00:06:29.954 targeted therapies, immuno oncology,

NOTE Confidence: 0.903583793846154

00:06:29.954 --> 00:06:32.786 new technologies and no less importantly

NOTE Confidence: 0.903583793846154

00:06:32.786 --> 00:06:35.588 the launching of careers of countless

NOTE Confidence: 0.903583793846154

00:06:35.588 --> 00:06:37.372 talented individuals across the

NOTE Confidence: 0.903583793846154

00:06:37.372 --> 00:06:39.727 spectrum of what we do in cancer.

NOTE Confidence: 0.903583793846154

00:06:39.730 --> 00:06:40.681 And you know,

NOTE Confidence: 0.903583793846154

00:06:40.681 --> 00:06:42.900 among the advances were the fact that

NOTE Confidence: 0.903583793846154

00:06:42.963 --> 00:06:45.352 cancer mortality rates declined 29%

NOTE Confidence: 0.903583793846154

00:06:45.352 --> 00:06:49.048 really over the past 20 or 30 years.

NOTE Confidence: 0.903583793846154

00:06:49.050 --> 00:06:50.534 But you know what?

NOTE Confidence: 0.903583793846154

00:06:50.534 --> 00:06:52.760 We also learned where the gaps?

NOTE Confidence: 0.903583793846154

00:06:52.760 --> 00:06:54.902 Right that that the war on

NOTE Confidence: 0.903583793846154

00:06:54.902 --> 00:06:56.330 cancer wasn't against a

NOTE Confidence: 0.896732245

00:06:56.410 --> 00:06:59.320 single enemy, and I don't mean just single

NOTE Confidence: 0.896732245

00:06:59.320 --> 00:07:01.660 cancer 'cause we obviously know the cancer,

NOTE Confidence: 0.896732245

00:07:01.660 --> 00:07:04.390 or hundreds potentially thousands of

NOTE Confidence: 0.896732245

00:07:04.390 --> 00:07:06.975 subtypes, but many other things about

NOTE Confidence: 0.896732245

00:07:06.975 --> 00:07:09.979 the complicated way we fund cancer care.

NOTE Confidence: 0.896732245

00:07:09.980 --> 00:07:11.975 You know how we use the payment

NOTE Confidence: 0.896732245

00:07:11.975 --> 00:07:13.914 on drugs and and procedures to

NOTE Confidence: 0.896732245

00:07:13.914 --> 00:07:16.273 cover the costs of payout of care,

NOTE Confidence: 0.896732245

00:07:16.280 --> 00:07:17.903 nutrition, social work,

NOTE Confidence: 0.896732245

00:07:17.903 --> 00:07:20.067 clinical research that are

NOTE Confidence: 0.896732245

00:07:20.067 --> 00:07:21.690 largely under reimbursed?

NOTE Confidence: 0.896732245

00:07:21.690 --> 00:07:23.950 The pressures of everyday practice

NOTE Confidence: 0.896732245

00:07:23.950 --> 00:07:25.306 in cancer medicine.

NOTE Confidence: 0.896732245

00:07:25.310 --> 00:07:27.490 The paucity of resources provided

NOTE Confidence: 0.896732245

00:07:27.490 --> 00:07:29.670 to public health and prevention.

NOTE Confidence: 0.896732245

00:07:29.670 --> 00:07:32.250 The challenges of supporting the next

NOTE Confidence: 0.896732245

00:07:32.250 --> 00:07:34.680 generation of researchers and providers.

NOTE Confidence: 0.896732245

00:07:34.680 --> 00:07:36.640 The issues of HealthEquity.

NOTE Confidence: 0.896732245

00:07:36.640 --> 00:07:41.054 The fact that R&D is extremely costly,

NOTE Confidence: 0.896732245

00:07:41.054 --> 00:07:42.792 redundant, and inefficient.

NOTE Confidence: 0.896732245

00:07:42.792 --> 00:07:46.299 The fact that the landscape of regulate

NOTE Confidence: 0.896732245

00:07:46.299 --> 00:07:48.747 regulation is fragmented and costly,

NOTE Confidence: 0.896732245

00:07:48.750 --> 00:07:50.975 that our approach in government

NOTE Confidence: 0.896732245

00:07:50.975 --> 00:07:52.310 is highly fragmented.

NOTE Confidence: 0.896732245

00:07:52.310 --> 00:07:54.278 And our approach to how we

NOTE Confidence: 0.896732245

00:07:54.278 --> 00:07:56.578 leverage the vast data we collect

NOTE Confidence: 0.896732245

00:07:56.578 --> 00:07:58.410 is fragmented and inefficient.

NOTE Confidence: 0.896732245

00:07:58.410 --> 00:07:59.894 And you know, really,

NOTE Confidence: 0.896732245

00:07:59.894 --> 00:08:02.579 with with Abby's vision what we did

NOTE Confidence: 0.896732245

00:08:02.579 --> 00:08:04.889 with the authors is challenging not

NOTE Confidence: 0.896732245

00:08:04.889 --> 00:08:07.588 only to reflect on the past 50 years,

NOTE Confidence: 0.896732245

00:08:07.590 --> 00:08:10.326 but to really offer a vision for the future.

NOTE Confidence: 0.896732245

00:08:10.330 --> 00:08:12.472 And that was really the idea of

NOTE Confidence: 0.896732245

00:08:12.472 --> 00:08:14.956 a new deal for cancer that is

NOTE Confidence: 0.896732245

00:08:14.956 --> 00:08:17.188 not only to address the science,

NOTE Confidence: 0.896732245

00:08:17.190 --> 00:08:20.058 but a truly comprehensive effort to

NOTE Confidence: 0.896732245

00:08:20.058 --> 00:08:23.189 tackle the full panoply of challenges.

NOTE Confidence: 0.896732245

00:08:23.190 --> 00:08:25.650 To eradicate radical cancer and

NOTE Confidence: 0.896732245

00:08:25.650 --> 00:08:27.734 you'll hear from the coauthors,

NOTE Confidence: 0.896732245

00:08:27.734 --> 00:08:30.344 my colleagues and of course,

NOTE Confidence: 0.896732245

00:08:30.350 --> 00:08:30.668 Abby.

NOTE Confidence: 0.896732245

00:08:30.668 --> 00:08:31.622 But you know,

NOTE Confidence: 0.896732245

00:08:31.622 --> 00:08:34.421 among the things that just I wanted to

NOTE Confidence: 0.896732245

00:08:34.421 --> 00:08:36.887 highlight was a really an extraordinary

NOTE Confidence: 0.896732245

00:08:36.887 --> 00:08:39.513 chapter from David Solid and colleagues

NOTE Confidence: 0.896732245

00:08:39.513 --> 00:08:41.683 about the advances in treatment,

NOTE Confidence: 0.896732245

00:08:41.690 --> 00:08:42.254 namely,

NOTE Confidence: 0.896732245

00:08:42.254 --> 00:08:44.510 targeted immune based therapies,

NOTE Confidence: 0.896732245

00:08:44.510 --> 00:08:47.642 but also the need going forward to come up

NOTE Confidence: 0.896732245

00:08:47.642 --> 00:08:50.589 with innovative clinical trial designs,

NOTE Confidence: 0.896732245

00:08:50.590 --> 00:08:52.066 regulatory flexibility,

NOTE Confidence: 0.896732245

00:08:52.066 --> 00:08:54.280 the ability to.

NOTE Confidence: 0.896732245

00:08:54.280 --> 00:08:56.735 Really understands sensing resistance and

NOTE Confidence: 0.896732245

00:08:56.735 --> 00:08:59.755 also to address diversity and bringing

NOTE Confidence: 0.896732245

00:08:59.755 --> 00:09:02.719 all these innovations to the underserved.

NOTE Confidence: 0.896732245

00:09:02.720 --> 00:09:04.252 At the same time,

NOTE Confidence: 0.896732245

00:09:04.252 --> 00:09:06.167 Charles Sawyers and colleagues talk

NOTE Confidence: 0.896732245

00:09:06.167 --> 00:09:08.844 about the the vast data we now collect

NOTE Confidence: 0.896732245

00:09:08.844 --> 00:09:11.228 in clinical care and tumor sequencing.

NOTE Confidence: 0.896732245

00:09:11.230 --> 00:09:13.160 We're sitting on a goldmine,

NOTE Confidence: 0.896732245

00:09:13.160 --> 00:09:15.182 but we're so fragmented in that

NOTE Confidence: 0.896732245

00:09:15.182 --> 00:09:17.219 collection of data that we don't

NOTE Confidence: 0.896732245

00:09:17.219 --> 00:09:19.091 have the ability to leverage that

NOTE Confidence: 0.896732245

00:09:19.091 --> 00:09:21.377 for true innovation and they offer.

NOTE Confidence: 0.896732245

00:09:21.380 --> 00:09:23.613 A lot of ideas and future reforms

NOTE Confidence: 0.896732245

00:09:23.613 --> 00:09:26.932 of how to reinvent data and privacy

NOTE Confidence: 0.896732245

00:09:26.932 --> 00:09:28.648 protections Tigard patients.

NOTE Confidence: 0.896732245

00:09:28.650 --> 00:09:32.352 But to leverage these great datasets

NOTE Confidence: 0.896732245

00:09:32.352 --> 00:09:35.560 collectively to generate insights you know,

NOTE Confidence: 0.896732245

00:09:35.560 --> 00:09:37.780 rich shulsky and colleagues talk about,

NOTE Confidence: 0.896732245

00:09:37.780 --> 00:09:41.004 you know we we created a lot of

NOTE Confidence: 0.896732245

00:09:41.004 --> 00:09:42.594 government infrastructure to build

NOTE Confidence: 0.896732245

00:09:42.594 --> 00:09:44.718 cancer care and research by virtue

NOTE Confidence: 0.896732245

00:09:44.718 --> 00:09:46.697 of the Act 50 years ago,

NOTE Confidence: 0.896732245

00:09:46.700 --> 00:09:49.507 but we now it's so fragmented we

NOTE Confidence: 0.896732245

00:09:49.507 --> 00:09:51.849 don't really harness all its power.

NOTE Confidence: 0.896732245

00:09:51.850 --> 00:09:52.993 So really is,

NOTE Confidence: 0.896732245

00:09:52.993 --> 00:09:55.279 as we say in the introduction

NOTE Confidence: 0.896732245

00:09:55.279 --> 00:09:57.980 what's needed now to to move to the

NOTE Confidence: 0.896732245

00:09:57.980 --> 00:10:00.714 next level is in all hands on deck

NOTE Confidence: 0.896732245

00:10:00.714 --> 00:10:02.694 approach a new deal that reinvests,

NOTE Confidence: 0.896732245

00:10:02.694 --> 00:10:05.190 and last week we saw that you know

NOTE Confidence: 0.896732245

00:10:05.257 --> 00:10:07.315 that is with the Biden moon shot,

NOTE Confidence: 0.896732245

00:10:07.320 --> 00:10:09.750 and I think the book is so you know

NOTE Confidence: 0.896732245

00:10:09.750 --> 00:10:12.237 is almost tailor made for what is

NOTE Confidence: 0.896732245

00:10:12.237 --> 00:10:14.260 needed in the future and what obviously

NOTE Confidence: 0.896732245

00:10:14.321 --> 00:10:16.966 Biden in the White House are trying to offer,

NOTE Confidence: 0.896732245

00:10:16.966 --> 00:10:17.676 you know,

NOTE Confidence: 0.896732245

00:10:17.676 --> 00:10:20.168 before I conclude I I want to,

NOTE Confidence: 0.873548887142857

00:10:20.170 --> 00:10:22.277 you know, thank you Gene Russon who.

NOTE Confidence: 0.873548887142857

00:10:22.280 --> 00:10:24.296 Worked with Abby and me and

NOTE Confidence: 0.873548887142857

00:10:24.296 --> 00:10:26.080 in in creating the book,

NOTE Confidence: 0.873548887142857

00:10:26.080 --> 00:10:28.600 and really was tireless in his efforts.

NOTE Confidence: 0.873548887142857

00:10:28.600 --> 00:10:29.640 I want to thank Abby,

NOTE Confidence: 0.873548887142857

00:10:29.640 --> 00:10:32.195 who's been an amazing partner and really

NOTE Confidence: 0.873548887142857

00:10:32.195 --> 00:10:34.739 the visionary and architect of all this.

NOTE Confidence: 0.873548887142857

00:10:34.740 --> 00:10:35.652 And then lastly,

NOTE Confidence: 0.873548887142857

00:10:35.652 --> 00:10:37.476 I get the privilege of introducing.

NOTE Confidence: 0.873548887142857

00:10:37.480 --> 00:10:39.350 I think the next speaker,

NOTE Confidence: 0.873548887142857

00:10:39.350 --> 00:10:42.451 who is a great friend and colleague

NOTE Confidence: 0.873548887142857

00:10:42.451 --> 00:10:47.160 and a great leader in cancer care and

NOTE Confidence: 0.873548887142857

00:10:47.160 --> 00:10:50.156 research who always has made himself

NOTE Confidence: 0.873548887142857

00:10:50.156 --> 00:10:52.850 available to me in times when I.

NOTE Confidence: 0.873548887142857

00:10:52.850 --> 00:10:55.910 I needed support for family members

NOTE Confidence: 0.873548887142857

00:10:55.910 --> 00:10:58.710 with cancer who was really an amazing

NOTE Confidence: 0.873548887142857

00:10:58.710 --> 00:11:01.341 mentor during my years at Harvard and

NOTE Confidence: 0.873548887142857

00:11:01.341 --> 00:11:03.669 who is now a great leader at Yale.

NOTE Confidence: 0.873548887142857

00:11:03.670 --> 00:11:05.854 I want to introduce the physician in

NOTE Confidence: 0.873548887142857

00:11:05.854 --> 00:11:08.279 chief of Smilow Cancer Hospital and the

NOTE Confidence: 0.873548887142857

00:11:08.279 --> 00:11:10.409 director of the Yale Cancer Center,

NOTE Confidence: 0.873548887142857

00:11:10.410 --> 00:11:11.140 Eric Weiner.

NOTE Confidence: 0.59318313

00:11:12.170 --> 00:11:13.970 Thanks Charlie. Then thanks thanks.

NOTE Confidence: 0.59318313

00:11:13.970 --> 00:11:16.290 Thanks for your your comments.

NOTE Confidence: 0.59318313

00:11:16.290 --> 00:11:17.880 There may be a little overlap

NOTE Confidence: 0.59318313

00:11:17.880 --> 00:11:19.429 between your comments and and mine.

NOTE Confidence: 0.59318313

00:11:19.430 --> 00:11:20.835 I'm I'm actually not the

NOTE Confidence: 0.59318313

00:11:20.835 --> 00:11:22.770 supposed to be the next speaker,

NOTE Confidence: 0.59318313

00:11:22.770 --> 00:11:23.736 so I'm going to move on.

NOTE Confidence: 0.59318313

00:11:23.740 --> 00:11:27.477 And introduce our next speaker who is Carrie

NOTE Confidence: 0.59318313

00:11:27.477 --> 00:11:31.120 Gross and Kerry is a professor of medicine,

NOTE Confidence: 0.59318313

00:11:31.120 --> 00:11:33.976 public health and director of the National

NOTE Confidence: 0.59318313

00:11:33.976 --> 00:11:35.749 Clinical Scholars Program at Yale.

NOTE Confidence: 0.59318313

00:11:35.750 --> 00:11:37.382 He's the founding director

NOTE Confidence: 0.59318313

00:11:37.382 --> 00:11:39.014 of Yale's Cancer Outcome,

NOTE Confidence: 0.59318313

00:11:39.020 --> 00:11:41.120 Public Policy and Effective Research

NOTE Confidence: 0.59318313

00:11:41.120 --> 00:11:42.800 Center Effectiveness Research Center,

NOTE Confidence: 0.59318313

00:11:42.800 --> 00:11:45.660 otherwise known as copper,

NOTE Confidence: 0.59318313

00:11:45.660 --> 00:11:49.692 and he has coauthored not one but two

NOTE Confidence: 0.59318313

00:11:49.692 --> 00:11:54.386 chapters in the book, a real hero from.

NOTE Confidence: 0.59318313

00:11:54.386 --> 00:11:57.706 Like Charlie and Abby's standpoint?

NOTE Confidence: 0.59318313

00:11:57.710 --> 00:11:59.957 And those chapters are are on pricing

NOTE Confidence: 0.59318313

00:11:59.957 --> 00:12:02.952 and also on the role play by state

NOTE Confidence: 0.59318313

00:12:02.952 --> 00:12:04.917 governments in shaping cancer policy.

NOTE Confidence: 0.59318313

00:12:04.920 --> 00:12:07.848 I called up Kerry before I took this

NOTE Confidence: 0.59318313

00:12:07.848 --> 00:12:11.080 job because I wanted to know what was

NOTE Confidence: 0.59318313

00:12:11.169 --> 00:12:14.778 going on in terms of in in terms of

NOTE Confidence: 0.59318313

00:12:14.778 --> 00:12:16.194 healthcare effectiveness research,

NOTE Confidence: 0.59318313

00:12:16.200 --> 00:12:18.678 and he very generously on his

NOTE Confidence: 0.59318313

00:12:18.678 --> 00:12:20.849 sabbatical spend time with me and

NOTE Confidence: 0.59318313

00:12:20.850 --> 00:12:23.118 reviewed all all that was taking place.

NOTE Confidence: 0.59318313

00:12:23.120 --> 00:12:25.829 And there were just really rich interactions

NOTE Confidence: 0.59318313

00:12:25.829 --> 00:12:28.158 between copper and the Cancer Center.

NOTE Confidence: 0.59318313

00:12:28.160 --> 00:12:29.512 So Kerry.

NOTE Confidence: 0.59318313

00:12:29.512 --> 00:12:30.864 All yours.

NOTE Confidence: 0.59318313

00:12:30.864 --> 00:12:31.540 Thank

NOTE Confidence: 0.921793293846154

00:12:31.550 --> 00:12:34.084 you and yeah again, thank you Charlie

NOTE Confidence: 0.921793293846154

00:12:34.084 --> 00:12:36.628 and Abby for the opportunity to.

NOTE Confidence: 0.921793293846154

00:12:36.630 --> 00:12:38.710 Participate in the book and

NOTE Confidence: 0.921793293846154

00:12:38.710 --> 00:12:40.980 by writing two chapters I I

NOTE Confidence: 0.921793293846154

00:12:40.980 --> 00:12:42.310 get 2 free copies of the book,

NOTE Confidence: 0.921793293846154

00:12:42.310 --> 00:12:44.800 so it's well worth it.

NOTE Confidence: 0.921793293846154

00:12:44.800 --> 00:12:48.058 So I'll yeah try to keep my comments brief,

NOTE Confidence: 0.921793293846154

00:12:48.060 --> 00:12:50.202 but I do want to touch on

NOTE Confidence: 0.921793293846154

00:12:50.202 --> 00:12:51.580 both chapters briefly first,

NOTE Confidence: 0.921793293846154

00:12:51.580 --> 00:12:53.625 the chapter looking at state

NOTE Confidence: 0.921793293846154

00:12:53.625 --> 00:12:55.670 policy had the pleasure of

NOTE Confidence: 0.921793293846154

00:12:55.751 --> 00:12:58.056 working with Doctor Deb Schrag,

NOTE Confidence: 0.921793293846154

00:12:58.060 --> 00:13:01.010 also with Harvard roots on that end.

NOTE Confidence: 0.651932047777778

00:13:03.200 --> 00:13:04.144 Well sorry, I'm having

NOTE Confidence: 0.651932047777778

00:13:04.144 --> 00:13:05.324 a cat attacked me here.

NOTE Confidence: 0.928687862666667

00:13:07.450 --> 00:13:10.530 Basically, if there was ever any doubt about

NOTE Confidence: 0.928687862666667

00:13:10.530 --> 00:13:13.127 the importance of states in public health,

NOTE Confidence: 0.928687862666667

00:13:13.130 --> 00:13:15.875 I think the last two years of the COVID

NOTE Confidence: 0.928687862666667

00:13:15.875 --> 00:13:18.098 epidemic has been raised that there's

NOTE Confidence: 0.928687862666667

00:13:18.098 --> 00:13:20.650 actually been a fourfold very variation.

NOTE Confidence: 0.928687862666667

00:13:20.650 --> 00:13:23.090 I just looked it up this morning and

NOTE Confidence: 0.928687862666667

00:13:23.090 --> 00:13:25.272 COVID mortality rates across states so

NOTE Confidence: 0.928687862666667

00:13:25.272 --> 00:13:27.528 that really underscores the importance of

NOTE Confidence: 0.928687862666667

00:13:27.591 --> 00:13:29.706 what states can do in the public health

NOTE Confidence: 0.928687862666667

00:13:29.706 --> 00:13:31.729 arena and that pertains to cancer as well.

NOTE Confidence: 0.928687862666667

00:13:31.730 --> 00:13:34.910 There's a 7070% variation across

NOTE Confidence: 0.928687862666667

00:13:34.910 --> 00:13:37.410 States and cancer mortality rate.

NOTE Confidence: 0.928687862666667

00:13:37.410 --> 00:13:40.258 So in Debs and my chapter we looked

NOTE Confidence: 0.928687862666667

00:13:40.258 --> 00:13:43.659 at some of the levers that states can

NOTE Confidence: 0.928687862666667

00:13:43.659 --> 00:13:45.900 employ to effect. Cancer incidence,

NOTE Confidence: 0.928687862666667

00:13:45.900 --> 00:13:48.720 cancer mortality and the patient experience,

NOTE Confidence: 0.928687862666667

00:13:48.720 --> 00:13:52.762 and we live in a federalist society

NOTE Confidence: 0.928687862666667

00:13:52.762 --> 00:13:57.968 which really does allow states great.

NOTE Confidence: 0.928687862666667

00:13:57.970 --> 00:14:00.178 Variation in how they use these

NOTE Confidence: 0.928687862666667

00:14:00.178 --> 00:14:02.529 these levers to address cancer care,

NOTE Confidence: 0.928687862666667

00:14:02.530 --> 00:14:03.986 cancer access, Cancer Research,

NOTE Confidence: 0.928687862666667

00:14:03.986 --> 00:14:06.540 but it's critical of to to look

NOTE Confidence: 0.928687862666667

00:14:06.540 --> 00:14:08.370 at how states are doing this,

NOTE Confidence: 0.928687862666667

00:14:08.370 --> 00:14:11.626 so Deb and I call for greater transparency,

NOTE Confidence: 0.928687862666667

00:14:11.630 --> 00:14:13.865 greater accountability on the behalf

NOTE Confidence: 0.928687862666667

00:14:13.865 --> 00:14:16.588 of the federal government to maybe

NOTE Confidence: 0.928687862666667

00:14:16.588 --> 00:14:20.004 have some more carrots and sticks with

NOTE Confidence: 0.928687862666667

00:14:20.004 --> 00:14:23.043 to address and improve how states

NOTE Confidence: 0.928687862666667

00:14:23.043 --> 00:14:25.508 are on our tackling cancer.

NOTE Confidence: 0.928687862666667

00:14:25.510 --> 00:14:29.294 The other chapter deals with the cost of

NOTE Confidence: 0.928687862666667

00:14:29.294 --> 00:14:32.816 cancer care and this I worked on with Zeke,

NOTE Confidence: 0.928687862666667

00:14:32.820 --> 00:14:35.935 Emanuel and Stacey Juice had seen a.

NOTE Confidence: 0.928687862666667

00:14:35.940 --> 00:14:39.888 It was a lot of fun bringing our diverse

NOTE Confidence: 0.928687862666667

00:14:39.888 --> 00:14:42.928 viewpoints and here we talked about what

NOTE Confidence: 0.928687862666667

00:14:42.928 --> 00:14:46.960 I think about is a cancer cost trifecta.

NOTE Confidence: 0.928687862666667

00:14:46.960 --> 00:14:48.560 You know, it's common question,

NOTE Confidence: 0.928687862666667

00:14:48.560 --> 00:14:51.854 how do we end up with a $200 billion

NOTE Confidence: 0.928687862666667

00:14:51.860 --> 00:14:55.367 system of cancer care in our country?

NOTE Confidence: 0.928687862666667

00:14:55.370 --> 00:14:58.400 And basically it's too many cancers,

NOTE Confidence: 0.928687862666667

00:14:58.400 --> 00:14:59.744 too many treatments,

NOTE Confidence: 0.928687862666667

00:14:59.744 --> 00:15:01.984 too many dollars per treatment.

NOTE Confidence: 0.928687862666667

00:15:01.990 --> 00:15:04.708 Too many cancers.

NOTE Confidence: 0.928687862666667

00:15:04.710 --> 00:15:07.244 First of all, we're an aging population.

NOTE Confidence: 0.928687862666667

00:15:07.250 --> 00:15:09.818 Cancer is largely aging related disease,

NOTE Confidence: 0.928687862666667

00:15:09.820 --> 00:15:11.955 so we're going to see more and

NOTE Confidence: 0.928687862666667

00:15:11.955 --> 00:15:13.828 more cancer as time goes by,

NOTE Confidence: 0.928687862666667

00:15:13.830 --> 00:15:16.310 but also to many cancers.

NOTE Confidence: 0.928687862666667

00:15:16.310 --> 00:15:16.984 You know,

NOTE Confidence: 0.928687862666667

00:15:16.984 --> 00:15:18.669 tobacco still accounts for about

NOTE Confidence: 0.928687862666667

00:15:18.669 --> 00:15:20.768 a third of all new cancers.

NOTE Confidence: 0.928687862666667

00:15:20.770 --> 00:15:22.830 We've made tremendous progress

NOTE Confidence: 0.928687862666667

00:15:22.830 --> 00:15:24.890 in decreasing tobacco use,

NOTE Confidence: 0.928687862666667

00:15:24.890 --> 00:15:27.314 but we have a lot of people still

NOTE Confidence: 0.928687862666667

00:15:27.314 --> 00:15:28.662 developing preventable tumors

NOTE Confidence: 0.928687862666667

00:15:28.662 --> 00:15:30.746 from the tobacco front.

NOTE Confidence: 0.928687862666667

00:15:30.750 --> 00:15:33.130 We've also made tremendous progress

NOTE Confidence: 0.928687862666667

00:15:33.130 --> 00:15:35.034 on developing new modalities.

NOTE Confidence: 0.928687862666667

00:15:35.040 --> 00:15:37.854 To prevent cancer or detect or prevent

NOTE Confidence: 0.928687862666667

00:15:37.854 --> 00:15:40.360 cancer death over the past 50 years,

NOTE Confidence: 0.928687862666667

00:15:40.360 --> 00:15:41.720 I mean HPV vaccine.

NOTE Confidence: 0.928687862666667

00:15:41.720 --> 00:15:44.320 A variety of screening tests called naskapi,

NOTE Confidence: 0.928687862666667

00:15:44.320 --> 00:15:44.785 etc.

NOTE Confidence: 0.928687862666667

00:15:44.785 --> 00:15:46.180 Those are underutilized,

NOTE Confidence: 0.928687862666667

00:15:46.180 --> 00:15:49.508 so too many cancers also gets at

NOTE Confidence: 0.928687862666667

00:15:49.508 --> 00:15:52.208 this issue of we're not optimally

NOTE Confidence: 0.928687862666667

00:15:52.208 --> 00:15:53.558 using our screening,

NOTE Confidence: 0.928687862666667

00:15:53.560 --> 00:15:57.292 but also too many cancers deals with this

NOTE Confidence: 0.928687862666667

00:15:57.292 --> 00:16:00.556 issue of over screening and overdiagnosis,

NOTE Confidence: 0.928687862666667

00:16:00.560 --> 00:16:03.100 particularly for the older population.

NOTE Confidence: 0.928687862666667

00:16:03.100 --> 00:16:04.760 Getting screening tests when.

NOTE Confidence: 0.928687862666667

00:16:04.760 --> 00:16:07.250 People have very short life expectancy,

NOTE Confidence: 0.928687862666667

00:16:07.250 --> 00:16:08.320 for example,

NOTE Confidence: 0.928687862666667

00:16:08.320 --> 00:16:11.530 or overuse of screening that doesn't

NOTE Confidence: 0.928687862666667

00:16:11.530 --> 00:16:14.257 have a really solid evidence base

NOTE Confidence: 0.928687862666667

00:16:14.257 --> 00:16:16.560 can lead to over to detection of

NOTE Confidence: 0.928687862666667

00:16:16.630 --> 00:16:18.454 cancer that may not have caused

NOTE Confidence: 0.928687862666667

00:16:18.454 --> 00:16:20.370 a problem in the 1st place,

NOTE Confidence: 0.928687862666667

00:16:20.370 --> 00:16:23.389 so too many cancers, too many treatments.

NOTE Confidence: 0.928687862666667

00:16:23.390 --> 00:16:24.478 We're in a very.

NOTE Confidence: 0.928687862666667

00:16:24.480 --> 00:16:25.988 We're very aggressive society

NOTE Confidence: 0.928687862666667

00:16:25.990 --> 00:16:28.370 when it comes to treatment,

NOTE Confidence: 0.928687862666667

00:16:28.370 --> 00:16:30.970 so you know our.

NOTE Confidence: 0.928687862666667

00:16:30.970 --> 00:16:33.570 System of reimbursement and

NOTE Confidence: 0.928687862666667

00:16:33.570 --> 00:16:37.484 finance at every step of the way

NOTE Confidence: 0.928687862666667

00:16:37.484 --> 00:16:40.490 is aligned in favor of maximizing

NOTE Confidence: 0.928687862666667

00:16:40.490 --> 00:16:42.950 the amount and intensity of

NOTE Confidence: 0.930983781818182

00:16:43.041 --> 00:16:45.966 treatment. So we if we reimburse very

NOTE Confidence: 0.930983781818182

00:16:45.966 --> 00:16:48.890 heavily on a fee for service basis,

NOTE Confidence: 0.930983781818182

00:16:48.890 --> 00:16:51.354 and that substantially contributes

NOTE Confidence: 0.930983781818182

00:16:51.354 --> 00:16:54.794 to in some cases over use of

NOTE Confidence: 0.930983781818182

00:16:54.794 --> 00:16:57.414 a variety of cancer screening

NOTE Confidence: 0.930983781818182

00:16:57.414 --> 00:16:58.986 and treatment modalities.

NOTE Confidence: 0.930983781818182

00:16:58.990 --> 00:17:00.378 And if that's over.

NOTE Confidence: 0.837151435

00:17:02.720 --> 00:17:06.008 As far as over treatment are too many

NOTE Confidence: 0.837151435

00:17:06.008 --> 00:17:09.136 treatments and as far as too many dollars

NOTE Confidence: 0.837151435

00:17:09.136 --> 00:17:11.890 to how expensive are our treatments?

NOTE Confidence: 0.837151435

00:17:11.890 --> 00:17:15.538 Again, it's not just our health

NOTE Confidence: 0.837151435

00:17:15.538 --> 00:17:17.362 system reimbursement that.

NOTE Confidence: 0.837151435

00:17:17.370 --> 00:17:20.190 Incentivizes the use of expensive treatments,

NOTE Confidence: 0.837151435

00:17:20.190 --> 00:17:23.020 but also our system of research.

NOTE Confidence: 0.837151435

00:17:23.020 --> 00:17:26.434 We are in our regulatory framework.

NOTE Confidence: 0.837151435

00:17:26.434 --> 00:17:29.941 The FDA has been lowering its bar for

NOTE Confidence: 0.837151435

00:17:29.941 --> 00:17:33.045 approval of new drugs over the past decade.

NOTE Confidence: 0.837151435

00:17:33.050 --> 00:17:33.954 In particular,

NOTE Confidence: 0.837151435

00:17:33.954 --> 00:17:37.570 where now the majority of drugs that are

NOTE Confidence: 0.837151435

00:17:37.662 --> 00:17:41.206 approved for clinical use by the FDA are

NOTE Confidence: 0.837151435

00:17:41.206 --> 00:17:43.540 approved by these alternate pathways

NOTE Confidence: 0.837151435

00:17:43.540 --> 00:17:46.858 such as the accelerated approval process.

NOTE Confidence: 0.837151435

00:17:46.860 --> 00:17:49.919 This doesn't have as rigorous of a

NOTE Confidence: 0.837151435

00:17:49.919 --> 00:17:52.869 bar for approval usually does not

NOTE Confidence: 0.837151435

00:17:52.869 --> 00:17:55.959 have things such as overall survival.

NOTE Confidence: 0.837151435

00:17:55.960 --> 00:17:59.440 And the challenges that we in

NOTE Confidence: 0.837151435

00:17:59.440 --> 00:18:01.180 the US increase.

NOTE Confidence: 0.837151435

00:18:01.180 --> 00:18:03.600 For many years have linked

NOTE Confidence: 0.837151435

00:18:03.600 --> 00:18:05.260 reimbursement with FDA approval,

NOTE Confidence: 0.837151435

00:18:05.260 --> 00:18:09.020 so it is usually just a reflex decision.

NOTE Confidence: 0.837151435

00:18:09.020 --> 00:18:12.779 By and by CMS to pay for.

NOTE Confidence: 0.837151435

00:18:12.780 --> 00:18:14.929 I'll pay for drugs that are FDA

NOTE Confidence: 0.837151435

00:18:14.929 --> 00:18:16.737 approved even when it's through

NOTE Confidence: 0.837151435

00:18:16.737 --> 00:18:18.797 one of these alternative pathways,

NOTE Confidence: 0.837151435

00:18:18.800 --> 00:18:23.400 so we have a lot of opportunity to

NOTE Confidence: 0.837151435

00:18:23.400 --> 00:18:26.056 make changes to decrease costs by

NOTE Confidence: 0.837151435

00:18:26.056 --> 00:18:28.912 hitting each angle of this trifecta

NOTE Confidence: 0.837151435

00:18:28.920 --> 00:18:31.060 by improving the regulatory process,

NOTE Confidence: 0.837151435

00:18:31.060 --> 00:18:33.000 improving our screening and cancer

NOTE Confidence: 0.837151435

00:18:33.000 --> 00:18:33.776 prevention approach,

NOTE Confidence: 0.837151435

00:18:33.780 --> 00:18:35.580 and redesigning our health care

NOTE Confidence: 0.837151435

00:18:35.580 --> 00:18:38.140 system to decrease overuse in in, in,

NOTE Confidence: 0.837151435

00:18:38.140 --> 00:18:40.740 improve, patient centeredness and equity.

NOTE Confidence: 0.837151435

00:18:40.740 --> 00:18:42.726 I look forward to discussing further.

NOTE Confidence: 0.868292407058823

00:18:44.030 --> 00:18:46.844 Thanks Gary. The the matter of

NOTE Confidence: 0.868292407058823

00:18:46.844 --> 00:18:48.720 redesigning the whole healthcare

NOTE Confidence: 0.868292407058823

00:18:48.800 --> 00:18:51.257 system is of course a simple one.

NOTE Confidence: 0.868292407058823

00:18:51.260 --> 00:18:54.160 But you know, we all we all wish that we

NOTE Confidence: 0.868292407058823

00:18:54.236 --> 00:18:57.140 could be the individual desire to do it,

NOTE Confidence: 0.868292407058823

00:18:57.140 --> 00:18:59.560 but it is really.

NOTE Confidence: 0.868292407058823

00:18:59.560 --> 00:19:01.765 It is really something that we have

NOTE Confidence: 0.868292407058823

00:19:01.765 --> 00:19:05.049 to tackle it at some point soon.

NOTE Confidence: 0.868292407058823

00:19:05.050 --> 00:19:08.514 So our next speaker is someone who I

NOTE Confidence: 0.868292407058823

00:19:08.514 --> 00:19:11.906 have known for many years collaborating

NOTE Confidence: 0.868292407058823

00:19:11.906 --> 00:19:16.110 between my former institution and and Yale.

NOTE Confidence: 0.868292407058823

00:19:16.110 --> 00:19:18.130 And that is Melinda Irwin,

NOTE Confidence: 0.868292407058823

00:19:18.130 --> 00:19:20.668 who is the Susan Dwight Bliss

NOTE Confidence: 0.868292407058823

00:19:20.668 --> 00:19:22.360 professor of epidemiology and

NOTE Confidence: 0.868292407058823

00:19:22.432 --> 00:19:24.796 associate Dean of research at the

NOTE Confidence: 0.868292407058823

00:19:24.796 --> 00:19:26.950 Yale School of Public Health.

NOTE Confidence: 0.868292407058823

00:19:26.950 --> 00:19:29.030 She is also, thankfully,

NOTE Confidence: 0.868292407058823

00:19:29.030 --> 00:19:31.630 the associate director of Population

NOTE Confidence: 0.868292407058823

00:19:31.630 --> 00:19:33.978 Sciences in the Yale Cancer Center

NOTE Confidence: 0.868292407058823

00:19:33.978 --> 00:19:36.624 and in the core Grant and deputy

NOTE Confidence: 0.868292407058823

00:19:36.624 --> 00:19:39.753 Director for Public Health and the Yale

NOTE Confidence: 0.868292407058823

00:19:39.753 --> 00:19:42.399 Center for Clinical Investigation.

NOTE Confidence: 0.868292407058823

00:19:42.400 --> 00:19:45.280 And together with her Co author,

NOTE Confidence: 0.868292407058823

00:19:45.280 --> 00:19:46.865 she's written an important chapter

NOTE Confidence: 0.868292407058823

00:19:46.865 --> 00:19:49.290 on the place of public health and

NOTE Confidence: 0.868292407058823

00:19:49.290 --> 00:19:51.188 prevention in addressing cancer and

NOTE Confidence: 0.868292407058823

00:19:51.188 --> 00:19:53.886 area that I think our health care

NOTE Confidence: 0.868292407058823

00:19:53.886 --> 00:19:58.188 system has been somewhat lacking it.

NOTE Confidence: 0.868292407058823

00:19:58.190 --> 00:19:59.470 Melinda, please,

NOTE Confidence: 0.867782446666667

00:19:59.990 --> 00:20:03.411 thank you. Yes, I'd like to share

NOTE Confidence: 0.867782446666667

00:20:03.411 --> 00:20:04.958 with you a bit about our chapter,

NOTE Confidence: 0.867782446666667

00:20:04.960 --> 00:20:06.526 and I'd like to acknowledge my

NOTE Confidence: 0.867782446666667

00:20:06.526 --> 00:20:08.237 Co authors from the Yale School

NOTE Confidence: 0.867782446666667

00:20:08.237 --> 00:20:10.284 of Public Health, Abby Freedman,

NOTE Confidence: 0.867782446666667

00:20:10.284 --> 00:20:13.119 Nicole Diesel and Linden Nicolai.

NOTE Confidence: 0.867782446666667

00:20:13.120 --> 00:20:16.480 So our chapter focuses on four areas with

NOTE Confidence: 0.867782446666667

00:20:16.480 --> 00:20:19.759 really a focus on policy implication,

NOTE Confidence: 0.867782446666667

00:20:19.760 --> 00:20:22.612 so tobacco control, obesity,

NOTE Confidence: 0.867782446666667

00:20:22.612 --> 00:20:24.038 environmental carcinogens,

NOTE Confidence: 0.867782446666667

00:20:24.040 --> 00:20:24.823 and HPV vaccination.

NOTE Confidence: 0.867782446666667

00:20:24.823 --> 00:20:26.389 So I'm just going to share

NOTE Confidence: 0.867782446666667

00:20:26.389 --> 00:20:27.928 a couple points with you.

NOTE Confidence: 0.867782446666667

00:20:27.930 --> 00:20:30.486 That we think are critical because

NOTE Confidence: 0.867782446666667

00:20:30.486 --> 00:20:33.179 many of these issues have been

NOTE Confidence: 0.867782446666667

00:20:33.179 --> 00:20:35.454 discussed and debated for decades

NOTE Confidence: 0.867782446666667

00:20:35.454 --> 00:20:37.794 yet how can we we make further

NOTE Confidence: 0.867782446666667

00:20:37.794 --> 00:20:40.582 progress so we know that a third of

NOTE Confidence: 0.867782446666667

00:20:40.582 --> 00:20:42.402 all cancer cases are preventable

NOTE Confidence: 0.867782446666667

00:20:42.410 --> 00:20:44.180 and public health approaches to

NOTE Confidence: 0.867782446666667

00:20:44.180 --> 00:20:45.950 cancer prevention represent the most

NOTE Confidence: 0.867782446666667

00:20:46.006 --> 00:20:47.826 cost effective long term strategies

NOTE Confidence: 0.867782446666667

00:20:47.830 --> 00:20:50.382 for reducing the cancer burden.

NOTE Confidence: 0.867782446666667

00:20:50.382 --> 00:20:51.630 Yet, interestingly,

NOTE Confidence: 0.867782446666667

00:20:51.630 --> 00:20:54.180 the United States only directs

NOTE Confidence: 0.867782446666667

00:20:54.180 --> 00:20:57.670 less than 3% of its health care

NOTE Confidence: 0.867782446666667

00:20:57.670 --> 00:20:59.140 expenditures towards prevention.

NOTE Confidence: 0.867782446666667

00:20:59.140 --> 00:21:01.108 Even though the return on investment

NOTE Confidence: 0.867782446666667

00:21:01.108 --> 00:21:02.776 from public health interventions is

NOTE Confidence: 0.867782446666667

00:21:02.776 --> 00:21:05.840 incredibly high, about 15 to one.

NOTE Confidence: 0.867782446666667

00:21:05.840 --> 00:21:07.812 So specifically regarding tobacco.

NOTE Confidence: 0.867782446666667

00:21:07.812 --> 00:21:08.798 For decades,

NOTE Confidence: 0.867782446666667

00:21:08.800 --> 00:21:11.691 tobacco use has been the leading cause

NOTE Confidence: 0.867782446666667

00:21:11.691 --> 00:21:13.412 of preventable mortality worldwide

NOTE Confidence: 0.867782446666667

00:21:13.412 --> 00:21:15.854 and is associated with 13 cancers

NOTE Confidence: 0.867782446666667

00:21:15.854 --> 00:21:18.392 and is responsible about a half a

NOTE Confidence: 0.867782446666667

00:21:18.392 --> 00:21:20.360 million deaths per year and about

NOTE Confidence: 0.867782446666667

00:21:20.360 --> 00:21:23.240 50% of all cancer deaths in the US

NOTE Confidence: 0.867782446666667

00:21:23.323 --> 00:21:27.530 are attributable to smoking 50% of deaths.

NOTE Confidence: 0.867782446666667

00:21:27.530 --> 00:21:28.442 What's concerning?

NOTE Confidence: 0.867782446666667

00:21:28.442 --> 00:21:31.178 Those at higher burdens and lower

NOTE Confidence: 0.867782446666667

00:21:31.178 --> 00:21:33.715 socioeconomic status groups are driving

NOTE Confidence: 0.867782446666667

00:21:33.715 --> 00:21:35.275 substantial health disparities.

NOTE Confidence: 0.867782446666667

00:21:35.280 --> 00:21:36.087 The good news?

NOTE Confidence: 0.867782446666667

00:21:36.087 --> 00:21:38.421 So is that over the past 20 years

NOTE Confidence: 0.867782446666667

00:21:38.421 --> 00:21:41.231 smoking rates have fallen from about 25%

NOTE Confidence: 0.867782446666667

00:21:41.231 --> 00:21:44.590 in the 1990s to currently around 14%.

NOTE Confidence: 0.867782446666667

00:21:44.590 --> 00:21:46.768 In much of this is due to

NOTE Confidence: 0.867782446666667

00:21:46.768 --> 00:21:48.558 tobacco control policies,

NOTE Confidence: 0.867782446666667

00:21:48.558 --> 00:21:50.820 so advertising restrictions,

NOTE Confidence: 0.867782446666667

00:21:50.820 --> 00:21:53.040 anti smoking campaigns,

NOTE Confidence: 0.867782446666667

00:21:53.040 --> 00:21:54.520 cigarette taxes,

NOTE Confidence: 0.867782446666667

00:21:54.520 --> 00:21:57.177 smoke free indoor air laws which was

NOTE Confidence: 0.867782446666667

00:21:57.177 --> 00:22:00.279 critical and then now most recently

NOTE Confidence: 0.867782446666667

00:22:00.279 --> 00:22:02.903 minimum tobacco sales age of 21.

NOTE Confidence: 0.867782446666667

00:22:02.903 --> 00:22:05.741 So these policy changes point to

NOTE Confidence: 0.867782446666667

00:22:05.741 --> 00:22:07.850 substantive reductions in tobacco.

NOTE Confidence: 0.867782446666667

00:22:07.850 --> 00:22:08.405 Overtime,

NOTE Confidence: 0.867782446666667

00:22:08.405 --> 00:22:12.290 but they have been uneven across populations.

NOTE Confidence: 0.867782446666667

00:22:12.290 --> 00:22:12.845 Fortunately,

NOTE Confidence: 0.867782446666667

00:22:12.845 --> 00:22:15.620 the Biden Moon shot initiative

NOTE Confidence: 0.867782446666667

00:22:15.620 --> 00:22:17.285 addresses cancer inequities

NOTE Confidence: 0.867782446666667

00:22:17.290 --> 00:22:19.315 and improving access to care

NOTE Confidence: 0.867782446666667

00:22:19.315 --> 00:22:20.530 including tobacco treatment,

NOTE Confidence: 0.867782446666667

00:22:20.530 --> 00:22:22.038 so that hopefully we'll

NOTE Confidence: 0.867782446666667

00:22:22.038 --> 00:22:23.169 see continued improvements.

NOTE Confidence: 0.874035503333333

00:22:25.200 --> 00:22:27.396 Our chapter also focuses on obesity.

NOTE Confidence: 0.874035503333333

00:22:27.400 --> 00:22:30.080 Recent reports estimate that obesity

NOTE Confidence: 0.874035503333333

00:22:30.080 --> 00:22:33.440 could overtake smoking as the primary

NOTE Confidence: 0.874035503333333

00:22:33.440 --> 00:22:36.415 modifiable cause of cancer mortality

NOTE Confidence: 0.874035503333333

00:22:36.420 --> 00:22:38.989 and what's most concerning is as cancer

NOTE Confidence: 0.874035503333333

00:22:38.989 --> 00:22:40.996 mortality rates have dropped to by

NOTE Confidence: 0.874035503333333

00:22:40.996 --> 00:22:43.181 about 30% since the peak in the 1990s.

NOTE Confidence: 0.874035503333333

00:22:43.181 --> 00:22:44.324 During that time,

NOTE Confidence: 0.874035503333333

00:22:44.324 --> 00:22:47.070 we've seen an increase in obesity rates,

NOTE Confidence: 0.874035503333333

00:22:47.070 --> 00:22:49.639 so there's concern as whether the the

NOTE Confidence: 0.874035503333333

00:22:49.639 --> 00:22:51.926 decrease in mortality will be attenuated

NOTE Confidence: 0.874035503333333

00:22:51.926 --> 00:22:54.164 because of the increase in obesity.

NOTE Confidence: 0.874035503333333

00:22:54.170 --> 00:22:55.901 Rates at present,

NOTE Confidence: 0.874035503333333

00:22:55.901 --> 00:22:59.570 40% of US adults are defined as obese,

NOTE Confidence: 0.874035503333333

00:22:59.570 --> 00:23:01.610 a BMI of 30 or greater,

NOTE Confidence: 0.874035503333333

00:23:01.610 --> 00:23:04.620 and this is a sixfold increase in

NOTE Confidence: 0.874035503333333

00:23:04.620 --> 00:23:06.705 obesity prevalence since the 1970s.

NOTE Confidence: 0.874035503333333

00:23:06.705 --> 00:23:09.675 We know obesity is associated with

NOTE Confidence: 0.874035503333333

00:23:09.675 --> 00:23:13.235 13 cancers and the incidence of 13

NOTE Confidence: 0.874035503333333

00:23:13.235 --> 00:23:16.205 cancers in mortality from cancer for

NOTE Confidence: 0.874035503333333

00:23:16.300 --> 00:23:18.890 14 different cancers and obesity

NOTE Confidence: 0.874035503333333

00:23:18.890 --> 00:23:22.425 also might be associated with worse

NOTE Confidence: 0.874035503333333

00:23:22.425 --> 00:23:24.789 adherence to adjuvant treatments.

NOTE Confidence: 0.874035503333333

00:23:24.790 --> 00:23:27.898 As well as reduced cancer treatment efficacy,

NOTE Confidence: 0.874035503333333

00:23:27.900 --> 00:23:30.108 there are a number of lifestyle

NOTE Confidence: 0.874035503333333

00:23:30.108 --> 00:23:32.200 interventions that have been completed

NOTE Confidence: 0.874035503333333

00:23:32.200 --> 00:23:34.468 that have shown benefit of these on

NOTE Confidence: 0.874035503333333

00:23:34.468 --> 00:23:36.096 various cancer outcomes and currently

NOTE Confidence: 0.874035503333333

00:23:36.096 --> 00:23:38.175 there are a number of large scale

NOTE Confidence: 0.874035503333333

00:23:38.175 --> 00:23:39.617 trials of lifestyle interventions

NOTE Confidence: 0.874035503333333

00:23:39.617 --> 00:23:41.795 on disease free survival and when

NOTE Confidence: 0.874035503333333

00:23:41.795 --> 00:23:43.492 those findings are made public

NOTE Confidence: 0.874035503333333

00:23:43.492 --> 00:23:45.980 in the next three or so years,

NOTE Confidence: 0.874035503333333

00:23:45.980 --> 00:23:49.220 it's hopeful that this will.

NOTE Confidence: 0.874035503333333

00:23:49.220 --> 00:23:51.095 Hopefully they'll be positive and

NOTE Confidence: 0.874035503333333

00:23:51.095 --> 00:23:53.910 it will cause a shift in how we

NOTE Confidence: 0.874035503333333

00:23:53.910 --> 00:23:55.100 deliver lifestyle interventions.

NOTE Confidence: 0.874035503333333

00:23:55.100 --> 00:23:57.539 In the clinic of note though,

NOTE Confidence: 0.874035503333333

00:23:57.539 --> 00:23:59.354 what is really concerning is

NOTE Confidence: 0.874035503333333

00:23:59.354 --> 00:24:00.630 Medicare currently reimburses

NOTE Confidence: 0.874035503333333

00:24:00.630 --> 00:24:02.570 for weight management services,

NOTE Confidence: 0.874035503333333

00:24:02.570 --> 00:24:05.130 not specific to cancer,

NOTE Confidence: 0.874035503333333

00:24:05.130 --> 00:24:08.495 but only 3% of patients who are

NOTE Confidence: 0.874035503333333

00:24:08.495 --> 00:24:10.580 eligible are referred for these

NOTE Confidence: 0.874035503333333

00:24:10.662 --> 00:24:12.750 weight management services.

NOTE Confidence: 0.874035503333333

00:24:12.750 --> 00:24:14.750 So I think the research that we need

NOTE Confidence: 0.874035503333333

00:24:14.750 --> 00:24:16.953 to do going forward is really the

NOTE Confidence: 0.874035503333333

00:24:16.953 --> 00:24:18.397 dissemination and implementation of

NOTE Confidence: 0.874035503333333

00:24:18.397 --> 00:24:20.780 these evidence based findings into the

NOTE Confidence: 0.874035503333333

00:24:20.780 --> 00:24:23.685 clinic and community so that we can

NOTE Confidence: 0.874035503333333

00:24:23.685 --> 00:24:27.058 improve referral rates as well as treatment.

NOTE Confidence: 0.874035503333333

00:24:27.060 --> 00:24:30.800 I'm switching to environmental carcinogens.

NOTE Confidence: 0.874035503333333

00:24:30.800 --> 00:24:33.230 These have been identified for more

NOTE Confidence: 0.874035503333333

00:24:33.230 --> 00:24:35.876 than two centuries over 200 years and

NOTE Confidence: 0.874035503333333

00:24:35.876 --> 00:24:40.005 about 10% of instant cancer cases are

NOTE Confidence: 0.874035503333333

00:24:40.005 --> 00:24:43.500 caused by occupational chemical exposures.

NOTE Confidence: 0.874035503333333

00:24:43.500 --> 00:24:44.024 However,

NOTE Confidence: 0.874035503333333

00:24:44.024 --> 00:24:46.644 certain racial and ethnic groups

NOTE Confidence: 0.874035503333333

00:24:46.644 --> 00:24:48.740 in lower socioeconomic populations

NOTE Confidence: 0.874035503333333

00:24:48.813 --> 00:24:50.985 experience higher exposures to

NOTE Confidence: 0.874035503333333

00:24:50.985 --> 00:24:53.157 known and suspected carcinogens,

NOTE Confidence: 0.874035503333333

00:24:53.160 --> 00:24:55.260 so we we must improve and

NOTE Confidence: 0.874035503333333

00:24:55.260 --> 00:24:56.310 expand the monitoring.

NOTE Confidence: 0.874035503333333

00:24:56.310 --> 00:24:58.865 Infrastructure for chemicals in our

NOTE Confidence: 0.874035503333333

00:24:58.865 --> 00:25:01.420 environment and harness the tremendous

NOTE Confidence: 0.874035503333333

00:25:01.499 --> 00:25:04.691 potential that we have with laboratory and

NOTE Confidence: 0.874035503333333

00:25:04.691 --> 00:25:07.310 informatics based tools and technologies.

NOTE Confidence: 0.874035503333333

00:25:07.310 --> 00:25:10.010 Thankfully, the Buydens infrastructure

NOTE Confidence: 0.874035503333333

00:25:10.010 --> 00:25:13.385 law will help in improving.

NOTE Confidence: 0.874035503333333

00:25:13.390 --> 00:25:16.010 Delivering clean water and

NOTE Confidence: 0.874035503333333

00:25:16.010 --> 00:25:18.630 cleaning up polluted sites.

NOTE Confidence: 0.874035503333333

00:25:18.630 --> 00:25:19.147 Lastly,

NOTE Confidence: 0.874035503333333

00:25:19.147 --> 00:25:22.249 our chapter focuses on HPV vaccination.

NOTE Confidence: 0.874035503333333

00:25:22.250 --> 00:25:24.014 Much of this work done by Linda

NOTE Confidence: 0.874035503333333

00:25:24.014 --> 00:25:25.799 Niccolai here at the School of Public

NOTE Confidence: 0.874035503333333

00:25:25.799 --> 00:25:27.570 Health and as many of you know,

NOTE Confidence: 0.874035503333333

00:25:27.570 --> 00:25:29.688 this vaccine helps to prevent six

NOTE Confidence: 0.874035503333333

00:25:29.688 --> 00:25:32.128 types of cancer in women and men.

NOTE Confidence: 0.874035503333333

00:25:32.130 --> 00:25:35.610 How and there's three vaccines available,

NOTE Confidence: 0.874035503333333

00:25:35.610 --> 00:25:38.592 but our HPV vaccination coverage is

NOTE Confidence: 0.874035503333333

00:25:38.592 --> 00:25:41.935 a suboptimal in our population and

NOTE Confidence: 0.874035503333333

00:25:41.935 --> 00:25:45.095 there's numerous reasons for this.

NOTE Confidence: 0.874035503333333

00:25:45.100 --> 00:25:47.627 The primary one might be vaccine hesitancy,

NOTE Confidence: 0.874035503333333

00:25:47.630 --> 00:25:49.250 which we're learning a lot about

NOTE Confidence: 0.874035503333333

00:25:49.250 --> 00:25:50.235 now with COVID-19.

NOTE Confidence: 0.874035503333333

00:25:50.235 --> 00:25:53.350 A key factor might be related to

NOTE Confidence: 0.874035503333333

00:25:53.350 --> 00:25:56.774 the lack of middle school entry

NOTE Confidence: 0.874035503333333

00:25:56.774 --> 00:25:59.218 requirements for HPV vaccination,

NOTE Confidence: 0.874035503333333

00:25:59.220 --> 00:26:02.376 yet schools the schools have had

NOTE Confidence: 0.874035503333333

00:26:02.376 --> 00:26:04.918 vaccine requirements in the US

NOTE Confidence: 0.874035503333333

00:26:04.918 --> 00:26:07.261 since the 1800s and currently,

NOTE Confidence: 0.874035503333333

00:26:07.261 --> 00:26:11.090 even though this this has been made

NOTE Confidence: 0.951441516

00:26:11.192 --> 00:26:14.317 for other vaccines for children,

NOTE Confidence: 0.951441516

00:26:14.320 --> 00:26:16.945 only three jurisdictions in the

NOTE Confidence: 0.951441516

00:26:16.945 --> 00:26:19.570 United States require HPV vaccination

NOTE Confidence: 0.951441516

00:26:19.652 --> 00:26:22.088 for school entry in contrast to.

NOTE Confidence: 0.951441516

00:26:22.090 --> 00:26:24.610 51 jurisdictions for T DAP,

NOTE Confidence: 0.951441516

00:26:24.610 --> 00:26:28.804 so there's a lot of debate over how to

NOTE Confidence: 0.951441516

00:26:28.804 --> 00:26:31.615 do these school entry requirements as

NOTE Confidence: 0.951441516

00:26:31.615 --> 00:26:34.437 it infringes on individual freedoms and

NOTE Confidence: 0.951441516

00:26:34.437 --> 00:26:37.307 parents ability to choose for their children.

NOTE Confidence: 0.951441516

00:26:37.310 --> 00:26:40.264 But I think there is significant room

NOTE Confidence: 0.951441516

00:26:40.264 --> 00:26:42.847 for improvement here, so the last

NOTE Confidence: 0.951441516

00:26:42.847 --> 00:26:46.577 inclosing the point I want to make is I.

NOTE Confidence: 0.951441516

00:26:46.577 --> 00:26:49.146 I was so incredibly impressed how colleagues,

NOTE Confidence: 0.951441516

00:26:49.150 --> 00:26:50.590 scientists and clinicians

NOTE Confidence: 0.951441516

00:26:50.590 --> 00:26:52.510 here at Yale pivoted.

NOTE Confidence: 0.951441516

00:26:52.510 --> 00:26:53.442 With COVID-19,

NOTE Confidence: 0.951441516

00:26:53.442 --> 00:26:56.238 with their research efforts and whatnot,

NOTE Confidence: 0.951441516

00:26:56.240 --> 00:26:59.000 and I believe that as a scientific community,

NOTE Confidence: 0.951441516

00:26:59.000 --> 00:27:01.310 we need to pivot and double down

NOTE Confidence: 0.951441516

00:27:01.310 --> 00:27:02.772 on efforts towards improving

NOTE Confidence: 0.951441516

00:27:02.772 --> 00:27:05.094 access to cancer care and fixing

NOTE Confidence: 0.951441516

00:27:05.094 --> 00:27:06.879 the structural and systems levels.

NOTE Confidence: 0.951441516

00:27:06.880 --> 00:27:08.448 Factors impeding equitable care.

NOTE Confidence: 0.951441516

00:27:08.448 --> 00:27:11.460 And if every one of us prioritizes

NOTE Confidence: 0.951441516

00:27:11.460 --> 00:27:13.800 HealthEquity and cancer care,

NOTE Confidence: 0.951441516

00:27:13.800 --> 00:27:16.320 it's likely I think that we could

NOTE Confidence: 0.951441516

00:27:16.320 --> 00:27:18.259 reach Biden's goal of seeing a

NOTE Confidence: 0.951441516

00:27:18.259 --> 00:27:19.920 50% reduction in cancer mortality

NOTE Confidence: 0.951441516

00:27:19.920 --> 00:27:23.380 rates over the next 25 years.

NOTE Confidence: 0.951441516

00:27:23.380 --> 00:27:23.670 Thank

NOTE Confidence: 0.867615567142857

00:27:23.680 --> 00:27:26.364 you. Thank you Melinda.

NOTE Confidence: 0.867615567142857

00:27:26.364 --> 00:27:30.585 So I'm next and I wrote this chapter

NOTE Confidence: 0.867615567142857

00:27:30.585 --> 00:27:33.273 with Neil Merola colleague of many

NOTE Confidence: 0.867615567142857

00:27:33.273 --> 00:27:36.473 years who used to be the chief of

NOTE Confidence: 0.867615567142857

00:27:36.473 --> 00:27:38.998 hematology oncology at Case Western,

NOTE Confidence: 0.867615567142857

00:27:39.000 --> 00:27:41.900 and now works at Flatiron.

NOTE Confidence: 0.867615567142857

00:27:41.900 --> 00:27:44.119 And Neil and I have had some

NOTE Confidence: 0.867615567142857

00:27:44.119 --> 00:27:45.770 shared interests over the years,

NOTE Confidence: 0.867615567142857

00:27:45.770 --> 00:27:48.900 and we primarily focused on

NOTE Confidence: 0.867615567142857

00:27:48.900 --> 00:27:51.678 how cancer has changed for both

NOTE Confidence: 0.867615567142857

00:27:51.678 --> 00:27:54.370 the doctor and the patient,

NOTE Confidence: 0.867615567142857

00:27:54.370 --> 00:27:55.960 mostly thinking about the patient.

NOTE Confidence: 0.867615567142857

00:27:55.960 --> 00:27:57.808 But but since the patient is affected

NOTE Confidence: 0.867615567142857

00:27:57.808 --> 00:27:59.739 by the doctor and other clinicians,

NOTE Confidence: 0.867615567142857

00:27:59.740 --> 00:28:02.680 that was part of this as well.

NOTE Confidence: 0.867615567142857

00:28:02.680 --> 00:28:04.310 When we both started our

NOTE Confidence: 0.867615567142857

00:28:04.310 --> 00:28:05.866 careers in the 1990s,

NOTE Confidence: 0.867615567142857

00:28:05.866 --> 00:28:09.898 indicating that we are both somewhat old,

NOTE Confidence: 0.867615567142857

00:28:09.900 --> 00:28:11.188 cancer was a little

NOTE Confidence: 0.867615567142857

00:28:11.188 --> 00:28:12.798 different than it is today.

NOTE Confidence: 0.867615567142857

00:28:12.800 --> 00:28:16.160 It tended to be diagnosed in later stages.

NOTE Confidence: 0.867615567142857

00:28:16.160 --> 00:28:18.400 There was much more secrecy

NOTE Confidence: 0.867615567142857

00:28:18.400 --> 00:28:20.640 around the diagnosis of cancer.

NOTE Confidence: 0.867615567142857

00:28:20.640 --> 00:28:23.226 We still see occasionally patients who

NOTE Confidence: 0.867615567142857

00:28:23.226 --> 00:28:26.412 don't want to talk about having cancer

NOTE Confidence: 0.867615567142857

00:28:26.412 --> 00:28:29.178 and who conceal diagnosis or simply

NOTE Confidence: 0.867615567142857

00:28:29.178 --> 00:28:31.836 can't come forward with with with.

NOTE Confidence: 0.867615567142857

00:28:31.840 --> 00:28:33.133 Seeking medical treatments,

NOTE Confidence: 0.867615567142857

00:28:33.133 --> 00:28:36.150 but that was much more common back

NOTE Confidence: 0.867615567142857

00:28:36.225 --> 00:28:38.497 30 years ago and not surprisingly,

NOTE Confidence: 0.867615567142857

00:28:38.497 --> 00:28:41.371 both because of later diagnosis and

NOTE Confidence: 0.867615567142857

00:28:41.371 --> 00:28:43.670 because of less effective treatment,

NOTE Confidence: 0.867615567142857

00:28:43.670 --> 00:28:45.790 the outcome was worse.

NOTE Confidence: 0.867615567142857

00:28:45.790 --> 00:28:49.528 Today there are 17 million cancer survivors,

NOTE Confidence: 0.867615567142857

00:28:49.530 --> 00:28:50.826 a pretty impressive number,

NOTE Confidence: 0.867615567142857

00:28:50.826 --> 00:28:52.770 both in terms of all those

NOTE Confidence: 0.867615567142857

00:28:52.830 --> 00:28:54.750 people who have survived cancer,

NOTE Confidence: 0.867615567142857

00:28:54.750 --> 00:28:56.360 but the fact that there's

NOTE Confidence: 0.867615567142857

00:28:56.360 --> 00:28:57.970 just been so much cancer,

NOTE Confidence: 0.867615567142857

00:28:57.970 --> 00:29:00.469 and I think Kerry raised a very

NOTE Confidence: 0.867615567142857

00:29:00.469 --> 00:29:03.177 important point that there is in many

NOTE Confidence: 0.867615567142857

00:29:03.177 --> 00:29:05.523 situations the over diagnosis of cancer,

NOTE Confidence: 0.867615567142857

00:29:05.530 --> 00:29:07.634 particularly in older individuals,

NOTE Confidence: 0.867615567142857

00:29:07.634 --> 00:29:11.265 and that has certainly increased that number

NOTE Confidence: 0.867615567142857

00:29:11.265 --> 00:29:14.449 and is another problem we need to address.

NOTE Confidence: 0.867615567142857

00:29:14.450 --> 00:29:15.750 But as Charlie pointed out,

NOTE Confidence: 0.867615567142857

00:29:15.750 --> 00:29:18.090 mortality has has clearly decreased.

NOTE Confidence: 0.867615567142857

00:29:18.090 --> 00:29:19.842 Cancer hasn't gone away,

NOTE Confidence: 0.867615567142857

00:29:19.842 --> 00:29:23.603 but I think that most of us in the

NOTE Confidence: 0.867615567142857

00:29:23.603 --> 00:29:26.579 field see a time when it'll be possible

NOTE Confidence: 0.867615567142857

00:29:26.579 --> 00:29:30.759 to say to a man or woman with cancer.

NOTE Confidence: 0.867615567142857

00:29:30.760 --> 00:29:33.455 That if they are able to access

NOTE Confidence: 0.867615567142857

00:29:33.455 --> 00:29:35.578 medical treatment and if they

NOTE Confidence: 0.867615567142857

00:29:35.578 --> 00:29:37.370 consent to medical treatment,

NOTE Confidence: 0.867615567142857

00:29:37.370 --> 00:29:39.302 that death is not something that

NOTE Confidence: 0.867615567142857

00:29:39.302 --> 00:29:41.880 should be part of a cancer diagnosis.

NOTE Confidence: 0.867615567142857

00:29:41.880 --> 00:29:45.192 And the closer we get to making a

NOTE Confidence: 0.867615567142857

00:29:45.192 --> 00:29:47.019 cancer diagnosis like the diagnosis

NOTE Confidence: 0.867615567142857

00:29:47.019 --> 00:29:49.350 of a strep throat where you take

NOTE Confidence: 0.867615567142857

00:29:49.421 --> 00:29:51.575 an antibiotic and it gets better.

NOTE Confidence: 0.867615567142857

00:29:51.580 --> 00:29:54.036 Of course the better it will be in,

NOTE Confidence: 0.867615567142857

00:29:54.040 --> 00:29:59.368 the less it will be so greatly feared.

NOTE Confidence: 0.867615567142857

00:29:59.370 --> 00:30:00.750 Treatments have changed.

NOTE Confidence: 0.867615567142857

00:30:00.750 --> 00:30:02.130 They're more targeted.

NOTE Confidence: 0.867615567142857

00:30:02.130 --> 00:30:03.558 Sometimes we think targeted

NOTE Confidence: 0.867615567142857

00:30:03.558 --> 00:30:04.629 means no toxicity.

NOTE Confidence: 0.867615567142857

00:30:04.630 --> 00:30:06.330 That's certainly not the case.

NOTE Confidence: 0.867615567142857

00:30:06.330 --> 00:30:08.670 We still deal with very real

NOTE Confidence: 0.867615567142857

00:30:08.670 --> 00:30:10.230 toxicities and and immunotherapy,

NOTE Confidence: 0.867615567142857

00:30:10.230 --> 00:30:13.758 which of course has been the rave

NOTE Confidence: 0.867615567142857

00:30:13.758 --> 00:30:16.410 for the past five plus years,

NOTE Confidence: 0.867615567142857

00:30:16.410 --> 00:30:18.690 and which is clearly very effective

NOTE Confidence: 0.867615567142857

00:30:18.690 --> 00:30:21.296 and is very appealing because it

NOTE Confidence: 0.867615567142857

00:30:21.296 --> 00:30:23.590 harnesses one's own immune system to

NOTE Confidence: 0.867615567142857

00:30:23.590 --> 00:30:28.000 kill the cancer can also be very toxic,

NOTE Confidence: 0.867615567142857

00:30:28.000 --> 00:30:28.918 and we have.

NOTE Confidence: 0.867615567142857

00:30:28.918 --> 00:30:29.836 As we develop,

NOTE Confidence: 0.867615567142857

00:30:29.840 --> 00:30:31.820 new treatments need to pay close

NOTE Confidence: 0.867615567142857

00:30:31.820 --> 00:30:34.445 attention to the fact that we want

NOTE Confidence: 0.867615567142857

00:30:34.445 --> 00:30:37.055 treatments that are both effective and

NOTE Confidence: 0.867615567142857

00:30:37.060 --> 00:30:40.217 do not require patients to sacrifice a

NOTE Confidence: 0.867615567142857

00:30:40.217 --> 00:30:43.658 great deal to receive that treatment.

NOTE Confidence: 0.867615567142857

00:30:43.660 --> 00:30:45.972 The other day I focused a lot on

NOTE Confidence: 0.867615567142857

00:30:45.972 --> 00:30:48.039 the doctor patient relationship,

NOTE Confidence: 0.867615567142857

00:30:48.040 --> 00:30:49.672 but I'm going to expand that

NOTE Confidence: 0.867615567142857

00:30:49.672 --> 00:30:51.314 to talk about the clinician

NOTE Confidence: 0.867615567142857

00:30:51.314 --> 00:30:53.258 patient relationship because in

NOTE Confidence: 0.851794742857143

00:30:53.260 --> 00:30:57.159 2022 ruling not talking about just doctors,

NOTE Confidence: 0.851794742857143

00:30:57.160 --> 00:30:59.014 we're talking about doctors and nurse

NOTE Confidence: 0.851794742857143

00:30:59.014 --> 00:31:00.668 practitioners and nurses and social

NOTE Confidence: 0.851794742857143

00:31:00.668 --> 00:31:03.023 workers and pharmacists, and it's really

NOTE Confidence: 0.851794742857143

00:31:03.023 --> 00:31:05.549 a team approach that's so critical.

NOTE Confidence: 0.851794742857143

00:31:05.550 --> 00:31:07.620 I do think that there is

NOTE Confidence: 0.851794742857143

00:31:07.620 --> 00:31:09.639 something very special about the

NOTE Confidence: 0.851794742857143

00:31:09.639 --> 00:31:11.349 clinician patient relationship,

NOTE Confidence: 0.851794742857143

00:31:11.350 --> 00:31:14.276 and I don't think that that has

NOTE Confidence: 0.851794742857143

00:31:14.276 --> 00:31:16.389 necessarily changed so very much.

NOTE Confidence: 0.851794742857143

00:31:16.390 --> 00:31:18.466 And when a person has cancer,

NOTE Confidence: 0.851794742857143

00:31:18.470 --> 00:31:20.486 there is the opportunity for a

NOTE Confidence: 0.851794742857143

00:31:20.486 --> 00:31:23.150 clinician to walk in through a door into

NOTE Confidence: 0.851794742857143

00:31:23.150 --> 00:31:25.628 someone's life and their families life.

NOTE Confidence: 0.851794742857143

00:31:25.630 --> 00:31:28.588 And it's a very special moment,

NOTE Confidence: 0.851794742857143

00:31:28.590 --> 00:31:30.110 and I've always been.

NOTE Confidence: 0.851794742857143

00:31:30.110 --> 00:31:32.390 I've always been moved by the

NOTE Confidence: 0.851794742857143

00:31:32.469 --> 00:31:34.660 fact that this is a time when

NOTE Confidence: 0.851794742857143

00:31:34.660 --> 00:31:36.720 you can have a huge impact,

NOTE Confidence: 0.851794742857143

00:31:36.720 --> 00:31:39.195 and if you choose to walk through that door,

NOTE Confidence: 0.851794742857143

00:31:39.200 --> 00:31:40.575 it's a rich experience both

NOTE Confidence: 0.851794742857143

00:31:40.575 --> 00:31:42.480 for you and for the patient.

NOTE Confidence: 0.851794742857143

00:31:42.480 --> 00:31:45.330 And I don't think that's changed.

NOTE Confidence: 0.851794742857143

00:31:45.330 --> 00:31:46.450 That said,

NOTE Confidence: 0.851794742857143

00:31:46.450 --> 00:31:49.810 there are things that have changed.

NOTE Confidence: 0.851794742857143

00:31:49.810 --> 00:31:51.850 Shared decision making is much

NOTE Confidence: 0.851794742857143

00:31:51.850 --> 00:31:54.270 more common than it once was.

NOTE Confidence: 0.851794742857143

00:31:54.270 --> 00:31:56.636 I even think about decision making as

NOTE Confidence: 0.851794742857143

00:31:56.636 --> 00:31:59.190 similar to eating at a restaurant in a

NOTE Confidence: 0.851794742857143

00:31:59.190 --> 00:32:01.530 country where I don't speak the language.

NOTE Confidence: 0.851794742857143

00:32:01.530 --> 00:32:03.744 So imagine that I don't speak

NOTE Confidence: 0.851794742857143

00:32:03.744 --> 00:32:06.270 a word of French and Frances,

NOTE Confidence: 0.851794742857143

00:32:06.270 --> 00:32:08.140 like perhaps a particularly good

NOTE Confidence: 0.851794742857143

00:32:08.140 --> 00:32:10.405 example because they they won't probably

NOTE Confidence: 0.851794742857143

00:32:10.405 --> 00:32:12.409 try to explain anything to you,

NOTE Confidence: 0.851794742857143

00:32:12.410 --> 00:32:16.550 but if I go to that restaurant in France.

NOTE Confidence: 0.851794742857143

00:32:16.550 --> 00:32:19.574 I can just take whatever they give me,

NOTE Confidence: 0.851794742857143

00:32:19.580 --> 00:32:22.142 which is in my mind the paternalistic

NOTE Confidence: 0.851794742857143

00:32:22.142 --> 00:32:23.640 approach to cancer care.

NOTE Confidence: 0.851794742857143

00:32:23.640 --> 00:32:27.108 The doctor makes all the decisions.

NOTE Confidence: 0.851794742857143

00:32:27.110 --> 00:32:31.910 Alternatively I can I can say, well,

NOTE Confidence: 0.851794742857143

00:32:31.910 --> 00:32:34.290 give me whatever you would take yourself,

NOTE Confidence: 0.851794742857143

00:32:34.290 --> 00:32:38.774 which is perhaps a little bit better

NOTE Confidence: 0.851794742857143

00:32:38.774 --> 00:32:41.178 than than than some other situations.

NOTE Confidence: 0.851794742857143

00:32:41.178 --> 00:32:43.530 But if I say that it's not

NOTE Confidence: 0.851794742857143

00:32:43.605 --> 00:32:45.937 necessarily individualized for me,

NOTE Confidence: 0.851794742857143

00:32:45.940 --> 00:32:48.961 but what I really need is for the

NOTE Confidence: 0.851794742857143

00:32:48.961 --> 00:32:51.790 for the person serving me to say,

NOTE Confidence: 0.851794742857143

00:32:51.790 --> 00:32:54.350 what do you like to eat at home?

NOTE Confidence: 0.851794742857143

00:32:54.350 --> 00:32:58.178 And I'll fix your menu appropriately

NOTE Confidence: 0.851794742857143

00:32:58.178 --> 00:33:00.092 to work here.

NOTE Confidence: 0.851794742857143

00:33:00.100 --> 00:33:01.772 And in my mind,

NOTE Confidence: 0.851794742857143

00:33:01.772 --> 00:33:03.862 that's where that's shared decision

NOTE Confidence: 0.851794742857143

00:33:03.862 --> 00:33:06.171 making and it's matching my

NOTE Confidence: 0.851794742857143

00:33:06.171 --> 00:33:07.987 preferences with what's available

NOTE Confidence: 0.851794742857143

00:33:07.987 --> 00:33:10.986 and that has become ever more common.

NOTE Confidence: 0.851794742857143

00:33:10.990 --> 00:33:14.826 But that takes more time for clinicians

NOTE Confidence: 0.851794742857143

00:33:14.830 --> 00:33:18.270 and it in many ways can add more

NOTE Confidence: 0.851794742857143

00:33:18.270 --> 00:33:21.278 stress to the clinicians life.

NOTE Confidence: 0.851794742857143

00:33:21.280 --> 00:33:22.628 Patients are more knowledgeable

NOTE Confidence: 0.851794742857143

00:33:22.628 --> 00:33:23.639 than ever before.

NOTE Confidence: 0.851794742857143

00:33:23.640 --> 00:33:26.342 The Internet is both a wonderful and

NOTE Confidence: 0.851794742857143

00:33:26.342 --> 00:33:28.359 a hopelessly dangerous place to go.

NOTE Confidence: 0.851794742857143

00:33:28.360 --> 00:33:29.860 When you have cancer,

NOTE Confidence: 0.851794742857143

00:33:29.860 --> 00:33:32.110 particularly if you have a little

NOTE Confidence: 0.851794742857143

00:33:32.185 --> 00:33:34.822 knowledge and physicians and

NOTE Confidence: 0.851794742857143

00:33:34.822 --> 00:33:36.170 other clinicians.

NOTE Confidence: 0.851794742857143

00:33:36.170 --> 00:33:38.816 Have these new stresses in dealing

NOTE Confidence: 0.851794742857143

00:33:38.816 --> 00:33:41.419 with patients coming in with many,

NOTE Confidence: 0.851794742857143

00:33:41.420 --> 00:33:42.344 many questions,

NOTE Confidence: 0.851794742857143

00:33:42.344 --> 00:33:44.654 sometimes with questions that that

NOTE Confidence: 0.851794742857143

00:33:44.654 --> 00:33:47.578 they don't feel that they can answer,

NOTE Confidence: 0.851794742857143

00:33:47.580 --> 00:33:49.692 and this I think is one of the

NOTE Confidence: 0.851794742857143

00:33:49.692 --> 00:33:51.687 factors that has led to the

NOTE Confidence: 0.851794742857143

00:33:51.687 --> 00:33:53.437 concern about burnout burnout with

NOTE Confidence: 0.851794742857143

00:33:53.437 --> 00:33:55.208 doctors and nurses and others.

NOTE Confidence: 0.851794742857143

00:33:55.210 --> 00:33:57.450 But I think it's something that we've

NOTE Confidence: 0.851794742857143

00:33:57.450 --> 00:33:59.520 seen particularly in the oncology space,

NOTE Confidence: 0.851794742857143

00:33:59.520 --> 00:34:00.699 and it's worrisome.

NOTE Confidence: 0.851794742857143

00:34:00.699 --> 00:34:03.450 And we have to think about how

NOTE Confidence: 0.851794742857143

00:34:03.536 --> 00:34:05.816 we're going to get past this.

NOTE Confidence: 0.851794742857143

00:34:05.820 --> 00:34:08.385 I think one way is to make sure that

NOTE Confidence: 0.851794742857143

00:34:08.385 --> 00:34:10.741 we're working with teams of people and

NOTE Confidence: 0.851794742857143

00:34:10.741 --> 00:34:13.570 not trying to do everything ourselves.

NOTE Confidence: 0.851794742857143

00:34:13.570 --> 00:34:15.264 And then I just want to touch on

NOTE Confidence: 0.851794742857143

00:34:15.264 --> 00:34:17.420 very quickly on 2 themes that have

NOTE Confidence: 0.913818734545455

00:34:17.487 --> 00:34:19.735 been brought up and one is cost and

NOTE Confidence: 0.913818734545455

00:34:19.735 --> 00:34:21.606 one is health care, disparities.

NOTE Confidence: 0.913818734545455

00:34:21.606 --> 00:34:23.786 And of course, they're related.

NOTE Confidence: 0.913818734545455

00:34:23.790 --> 00:34:27.286 The cost issue is huge and it is

NOTE Confidence: 0.913818734545455

00:34:27.286 --> 00:34:30.708 just crazy what some of these new

NOTE Confidence: 0.913818734545455

00:34:30.708 --> 00:34:33.748 therapies and new procedures cost.

NOTE Confidence: 0.913818734545455

00:34:33.750 --> 00:34:35.930 And as Charlie was saying,

NOTE Confidence: 0.913818734545455

00:34:35.930 --> 00:34:38.750 it makes no sense to maximize

NOTE Confidence: 0.913818734545455

00:34:38.750 --> 00:34:41.703 reimbursement from a drug so that

NOTE Confidence: 0.913818734545455

00:34:41.703 --> 00:34:44.148 you can provide palliative care.

NOTE Confidence: 0.913818734545455

00:34:44.150 --> 00:34:47.390 There needs to be appropriate

NOTE Confidence: 0.913818734545455

00:34:47.390 --> 00:34:49.855 reimbursement for each and

NOTE Confidence: 0.913818734545455

00:34:49.855 --> 00:34:52.880 every one of these therapies.

NOTE Confidence: 0.913818734545455

00:34:52.880 --> 00:34:53.754 And finally.

NOTE Confidence: 0.913818734545455

00:34:53.754 --> 00:34:55.939 I think health care disparities

NOTE Confidence: 0.913818734545455

00:34:55.939 --> 00:34:58.734 is going to become the biggest

NOTE Confidence: 0.913818734545455

00:34:58.734 --> 00:35:01.250 challenge we face because as our

NOTE Confidence: 0.913818734545455

00:35:01.250 --> 00:35:03.100 therapies get better and better,

NOTE Confidence: 0.913818734545455

00:35:03.100 --> 00:35:06.044 it becomes more and more of a travesty

NOTE Confidence: 0.913818734545455

00:35:06.044 --> 00:35:08.778 that people can't get those therapies.

NOTE Confidence: 0.913818734545455

00:35:08.780 --> 00:35:10.946 And that's true around the world

NOTE Confidence: 0.913818734545455

00:35:10.946 --> 00:35:13.199 and it's true in New Haven,

NOTE Confidence: 0.913818734545455

00:35:13.200 --> 00:35:15.738 CT and it's something that that

NOTE Confidence: 0.913818734545455

00:35:15.738 --> 00:35:18.280 desperately needs to be addressed.

NOTE Confidence: 0.913818734545455

00:35:18.280 --> 00:35:20.282 So I think there's a lot that

NOTE Confidence: 0.913818734545455

00:35:20.282 --> 00:35:22.100 needs to change in the future,

NOTE Confidence: 0.913818734545455

00:35:22.100 --> 00:35:25.360 but I think that we can make progress

NOTE Confidence: 0.913818734545455

00:35:25.360 --> 00:35:27.730 if we keep remembering that the

NOTE Confidence: 0.913818734545455

00:35:27.730 --> 00:35:30.295 patient needs to be the center of

NOTE Confidence: 0.913818734545455

00:35:30.295 --> 00:35:32.437 clinical care the patient needs to

NOTE Confidence: 0.913818734545455

00:35:32.437 --> 00:35:34.615 be the center of research questions

NOTE Confidence: 0.913818734545455

00:35:34.620 --> 00:35:37.095 and at the same time we have to pay

NOTE Confidence: 0.913818734545455

00:35:37.095 --> 00:35:38.884 attention to the well being of those

NOTE Confidence: 0.913818734545455

00:35:38.884 --> 00:35:41.558 who are who are taking care of this patients.

NOTE Confidence: 0.913818734545455

00:35:41.560 --> 00:35:45.360 So with that I'll end.

NOTE Confidence: 0.913818734545455

00:35:45.360 --> 00:35:45.888 Alright,

NOTE Confidence: 0.913818734545455

00:35:45.888 --> 00:35:48.000 thank you and fine.

NOTE Confidence: 0.913818734545455

00:35:48.000 --> 00:35:51.868 We have two more speakers and next is

NOTE Confidence: 0.913818734545455

00:35:51.868 --> 00:35:54.192 Abby who has been briefly introduced,

NOTE Confidence: 0.913818734545455

00:35:54.192 --> 00:35:56.293 but I'm going to do a somewhat longer

NOTE Confidence: 0.913818734545455

00:35:56.293 --> 00:35:58.477 introduction because unlike the rest of us,

NOTE Confidence: 0.913818734545455

00:35:58.480 --> 00:36:00.358 you don't know her as well.

NOTE Confidence: 0.913818734545455

00:36:00.360 --> 00:36:01.437 I think so.

NOTE Confidence: 0.913818734545455

00:36:01.437 --> 00:36:03.950 Professor Glock is the Alfred M Rankin

NOTE Confidence: 0.913818734545455

00:36:04.026 --> 00:36:06.654 professor of law and founding faculty

NOTE Confidence: 0.913818734545455

00:36:06.654 --> 00:36:09.228 director of the Solomon Center for

NOTE Confidence: 0.913818734545455

00:36:09.228 --> 00:36:12.212 Health Law and Policy at Yale Law School.

NOTE Confidence: 0.913818734545455

00:36:12.220 --> 00:36:13.970 She's also a professor of

NOTE Confidence: 0.913818734545455

00:36:13.970 --> 00:36:15.370 internal medicine at our.

NOTE Confidence: 0.913818734545455

00:36:15.370 --> 00:36:17.160 Medical school and a professor

NOTE Confidence: 0.913818734545455

00:36:17.160 --> 00:36:18.950 in the Institution for social

NOTE Confidence: 0.913818734545455

00:36:19.016 --> 00:36:20.626 and Policy Studies at Yale.

NOTE Confidence: 0.913818734545455

00:36:20.630 --> 00:36:23.924 From November of 2020 to 2021,

NOTE Confidence: 0.913818734545455

00:36:23.924 --> 00:36:25.568 she served in the Biden administration

NOTE Confidence: 0.913818734545455

00:36:25.568 --> 00:36:27.766 as the lead lawyer for the White House.

NOTE Confidence: 0.913818734545455

00:36:27.770 --> 00:36:28.550 COVID-19 response.

NOTE Confidence: 0.913818734545455

00:36:28.550 --> 00:36:30.500 I would have been loved,

NOTE Confidence: 0.913818734545455

00:36:30.500 --> 00:36:32.528 loved to be there, watching her,

NOTE Confidence: 0.913818734545455

00:36:32.530 --> 00:36:35.330 that must have been incredible.

NOTE Confidence: 0.913818734545455

00:36:35.330 --> 00:36:36.950 But first for the Biden Harris

NOTE Confidence: 0.913818734545455

00:36:36.950 --> 00:36:38.900 transition and then in the White House,

NOTE Confidence: 0.913818734545455

00:36:38.900 --> 00:36:41.216 special counsel for the White House

NOTE Confidence: 0.913818734545455

00:36:41.216 --> 00:36:43.390 COVID-19 response and that capacity.

NOTE Confidence: 0.913818734545455

00:36:43.390 --> 00:36:45.777 Professor Gwac also served as a member

NOTE Confidence: 0.913818734545455

00:36:45.777 --> 00:36:47.798 of the White House Counsel's office,

NOTE Confidence: 0.913818734545455

00:36:47.798 --> 00:36:48.974 where she was additionally

NOTE Confidence: 0.913818734545455

00:36:48.974 --> 00:36:50.536 responsible for health care issues

NOTE Confidence: 0.913818734545455

00:36:50.536 --> 00:36:51.547 across the administration,

NOTE Confidence: 0.913818734545455

00:36:51.550 --> 00:36:54.210 including the Affordable Care Act.

NOTE Confidence: 0.913818734545455

00:36:54.210 --> 00:36:56.625 She's a member of the affiliated faculty

NOTE Confidence: 0.913818734545455

00:36:56.625 --> 00:36:59.727 of the Yale Program on Addiction Medicine,

NOTE Confidence: 0.913818734545455

00:36:59.730 --> 00:37:01.900 Executive Committee member of Yale's

NOTE Confidence: 0.913818734545455

00:37:01.900 --> 00:37:04.605 ISP S Health program and founded

NOTE Confidence: 0.913818734545455

00:37:04.605 --> 00:37:07.377 and directs the Yale Law School

NOTE Confidence: 0.913818734545455

00:37:07.377 --> 00:37:09.410 Medical Legal Partnership Program.

NOTE Confidence: 0.913818734545455

00:37:09.410 --> 00:37:12.618 She joined Yale Law School in 2020 if I

NOTE Confidence: 0.913818734545455

00:37:12.618 --> 00:37:14.550 remember from looking her up on Google.

NOTE Confidence: 0.913818734545455

00:37:14.550 --> 00:37:18.350 She also went to Yale College and and

NOTE Confidence: 0.913818734545455

00:37:18.350 --> 00:37:20.814 and was educated at Yale Law School.

NOTE Confidence: 0.923692387

00:37:23.180 --> 00:37:25.690 And before coming here was

NOTE Confidence: 0.923692387

00:37:25.690 --> 00:37:28.200 on the faculty at Columbia,

NOTE Confidence: 0.923692387

00:37:28.200 --> 00:37:31.404 so I'm I'm going to ask Abby to just

NOTE Confidence: 0.923692387

00:37:31.404 --> 00:37:34.537 sort of fill in some of the gaps in

NOTE Confidence: 0.923692387

00:37:34.537 --> 00:37:36.896 the in terms of the chapters that

NOTE Confidence: 0.923692387

00:37:36.896 --> 00:37:39.090 that we don't have representation for.

NOTE Confidence: 0.923692387

00:37:39.090 --> 00:37:40.602 And Abby, it's it's really a

NOTE Confidence: 0.923692387

00:37:40.602 --> 00:37:42.305 pleasure to meet you and to have

NOTE Confidence: 0.923692387

00:37:42.305 --> 00:37:43.730 you on the panel. Doctor

NOTE Confidence: 0.790467594285714

00:37:43.740 --> 00:37:46.197 Weiner, thank you and it's my pleasure,

NOTE Confidence: 0.790467594285714

00:37:46.200 --> 00:37:48.916 Richard, welcome you back and I look

NOTE Confidence: 0.790467594285714

00:37:48.916 --> 00:37:51.649 forward to many more collaborations.

NOTE Confidence: 0.790467594285714

00:37:51.650 --> 00:37:53.820 I I joined the law school in

NOTE Confidence: 0.790467594285714

00:37:53.820 --> 00:37:55.550 2012 at Doctor Weiner is,

NOTE Confidence: 0.790467594285714

00:37:55.550 --> 00:37:57.260 I think juxtaposed the numbers.

NOTE Confidence: 0.790467594285714

00:37:57.260 --> 00:37:59.011 So I'm sorry. What did I say?

NOTE Confidence: 0.790467594285714

00:37:59.011 --> 00:38:00.488 I want everybody to think I was

NOTE Confidence: 0.790467594285714

00:38:00.488 --> 00:38:01.756 hanging around for the last year

NOTE Confidence: 0.790467594285714

00:38:01.756 --> 00:38:02.950 as an interloper when I wasn't

NOTE Confidence: 0.790467594285714

00:38:02.995 --> 00:38:04.200 actually part of the faculty.

NOTE Confidence: 0.790467594285714

00:38:04.200 --> 00:38:07.266 So I've been around for a decade.

NOTE Confidence: 0.790467594285714

00:38:07.270 --> 00:38:09.414 But I did just come back last month,

NOTE Confidence: 0.790467594285714

00:38:09.420 --> 00:38:11.317 and where I had the privilege of

NOTE Confidence: 0.790467594285714

00:38:11.317 --> 00:38:12.745 working with my wonderful friend

NOTE Confidence: 0.790467594285714

00:38:12.745 --> 00:38:13.925 and colleague Marcelo Nunez,

NOTE Confidence: 0.790467594285714

00:38:13.930 --> 00:38:15.160 Smith worked with all of you.

NOTE Confidence: 0.790467594285714

00:38:15.160 --> 00:38:17.792 As well and so thank you for

NOTE Confidence: 0.790467594285714

00:38:17.792 --> 00:38:18.920 the generous introduction.

NOTE Confidence: 0.790467594285714

00:38:18.920 --> 00:38:21.098 It's it's wonderful to be here.

NOTE Confidence: 0.790467594285714

00:38:21.100 --> 00:38:22.796 It is wonderful to be part of this

NOTE Confidence: 0.790467594285714

00:38:22.796 --> 00:38:24.375 project and to work with all of you.

NOTE Confidence: 0.790467594285714

00:38:24.380 --> 00:38:26.260 You might have heard me saying in the

NOTE Confidence: 0.790467594285714

00:38:26.260 --> 00:38:27.708 beginning that the Cancer Center and

NOTE Confidence: 0.790467594285714

00:38:27.708 --> 00:38:29.460 ysm in general is my favorite client.

NOTE Confidence: 0.790467594285714

00:38:29.460 --> 00:38:30.333 My favorite partner.

NOTE Confidence: 0.790467594285714

00:38:30.333 --> 00:38:32.079 I hope we have many more

NOTE Confidence: 0.790467594285714

00:38:32.079 --> 00:38:33.160 opportunities to collaborate,

NOTE Confidence: 0.790467594285714

00:38:33.160 --> 00:38:34.504 so please come find me if you

NOTE Confidence: 0.790467594285714

00:38:34.504 --> 00:38:36.070 ever need a lawyer for anything.

NOTE Confidence: 0.790467594285714

00:38:36.070 --> 00:38:37.640 We are here for you.

NOTE Confidence: 0.790467594285714

00:38:37.640 --> 00:38:39.558 Working with Charlie has been just a

NOTE Confidence: 0.790467594285714

00:38:39.558 --> 00:38:41.598 dream come true and I count my lucky

NOTE Confidence: 0.790467594285714

00:38:41.598 --> 00:38:43.636 stars every day to have made a friend

NOTE Confidence: 0.790467594285714

00:38:43.636 --> 00:38:45.554 in Charlie to have learn from Charlie.

NOTE Confidence: 0.790467594285714

00:38:45.560 --> 00:38:46.650 And part of this project.

NOTE Confidence: 0.790467594285714

00:38:46.650 --> 00:38:49.446 So thank you, Charlie for everything.

NOTE Confidence: 0.790467594285714

00:38:49.450 --> 00:38:49.716 So,

NOTE Confidence: 0.790467594285714

00:38:49.716 --> 00:38:50.514 as Eric noted,

NOTE Confidence: 0.790467594285714

00:38:50.514 --> 00:38:52.110 I am the cleanup batter before

NOTE Confidence: 0.790467594285714

00:38:52.173 --> 00:38:53.769 Greg and I am just gonna fill

NOTE Confidence: 0.790467594285714

00:38:53.769 --> 00:38:55.299 in from some of the chapters

NOTE Confidence: 0.790467594285714

00:38:55.299 --> 00:38:57.126 that we wanted to mention to you

NOTE Confidence: 0.790467594285714

00:38:57.130 --> 00:38:58.450 that haven't been talked about,

NOTE Confidence: 0.790467594285714

00:38:58.450 --> 00:39:00.202 but actually my wonderful Co authors

NOTE Confidence: 0.790467594285714

00:39:00.202 --> 00:39:02.061 did an incredible job hitting on a

NOTE Confidence: 0.790467594285714

00:39:02.061 --> 00:39:03.850 lot of the high points of the book,

NOTE Confidence: 0.790467594285714

00:39:03.850 --> 00:39:05.731 so I think I'll be able to be very

NOTE Confidence: 0.790467594285714

00:39:05.731 --> 00:39:07.668 brief 'cause I don't want to bore you.

NOTE Confidence: 0.790467594285714

00:39:07.670 --> 00:39:08.981 You know Charlie,

NOTE Confidence: 0.790467594285714

00:39:08.981 --> 00:39:11.603 emphasize this first that our approach,

NOTE Confidence: 0.790467594285714

00:39:11.610 --> 00:39:13.185 the title a new deal for cancer,

NOTE Confidence: 0.790467594285714

00:39:13.190 --> 00:39:14.624 is aimed to evoke an approach

NOTE Confidence: 0.790467594285714

00:39:14.624 --> 00:39:16.100 that is much more holistic.

NOTE Confidence: 0.790467594285714

00:39:16.100 --> 00:39:16.994 Adjust the science.

NOTE Confidence: 0.790467594285714

00:39:16.994 --> 00:39:19.440 The scientific advances in the last 50 years,

NOTE Confidence: 0.790467594285714

00:39:19.440 --> 00:39:20.976 so giving us the luxury of

NOTE Confidence: 0.790467594285714

00:39:20.976 --> 00:39:22.714 being able to think more broadly

NOTE Confidence: 0.790467594285714

00:39:22.714 --> 00:39:24.344 about these kinds of issues,

NOTE Confidence: 0.790467594285714

00:39:24.350 --> 00:39:25.918 like equity like financing,

NOTE Confidence: 0.790467594285714

00:39:25.918 --> 00:39:27.486 structure or like insurance

NOTE Confidence: 0.790467594285714

00:39:27.486 --> 00:39:29.089 and now is the time.

NOTE Confidence: 0.790467594285714

00:39:29.090 --> 00:39:31.691 And that is a role for lawyers and non

NOTE Confidence: 0.790467594285714

00:39:31.691 --> 00:39:33.749 scientists to play in this cancer space.

NOTE Confidence: 0.790467594285714

00:39:33.750 --> 00:39:36.704 Once you take a 360 degree approach,

NOTE Confidence: 0.790467594285714

00:39:36.710 --> 00:39:38.678 there's room for more people to

NOTE Confidence: 0.790467594285714

00:39:38.678 --> 00:39:40.650 be involved in the progress.

NOTE Confidence: 0.790467594285714

00:39:40.650 --> 00:39:41.966 So that's where our book comes in.

NOTE Confidence: 0.790467594285714

00:39:41.970 --> 00:39:43.914 And as I noted, a lot of you have

NOTE Confidence: 0.790467594285714

00:39:43.914 --> 00:39:45.826 already talked about this broader land,

NOTE Confidence: 0.790467594285714

00:39:45.830 --> 00:39:47.055 so I'll just head on a few.

NOTE Confidence: 0.790467594285714

00:39:47.060 --> 00:39:48.614 One thing I did when I hit

NOTE Confidence: 0.790467594285714

00:39:48.614 --> 00:39:49.890 on was health insurance.

NOTE Confidence: 0.790467594285714

00:39:49.890 --> 00:39:51.339 We have a great chapter from Robin.

NOTE Confidence: 0.790467594285714

00:39:51.340 --> 00:39:54.886 Yeah, brown at ASCO and the.

NOTE Confidence: 0.790467594285714

00:39:54.890 --> 00:39:57.221 Her chapter is about the fact that

NOTE Confidence: 0.790467594285714

00:39:57.221 --> 00:39:59.177 health insurance is a significant

NOTE Confidence: 0.790467594285714

00:39:59.177 --> 00:40:00.949 predictor of cancer outcomes,

NOTE Confidence: 0.790467594285714

00:40:00.950 --> 00:40:01.730 and you know,

NOTE Confidence: 0.790467594285714

00:40:01.730 --> 00:40:03.030 while the Affordable Care Act

NOTE Confidence: 0.790467594285714

00:40:03.030 --> 00:40:04.887 did a great job on this front,

NOTE Confidence: 0.790467594285714

00:40:04.890 --> 00:40:06.830 including eliminating copays for many

NOTE Confidence: 0.790467594285714

00:40:06.830 --> 00:40:08.382 kinds of preventative screenings,

NOTE Confidence: 0.790467594285714

00:40:08.390 --> 00:40:10.060 including getting more than 20

NOTE Confidence: 0.790467594285714

00:40:10.060 --> 00:40:11.396 million people newly insured,

NOTE Confidence: 0.942884811428572

00:40:11.400 --> 00:40:13.220 including on eliminating discrimination

NOTE Confidence: 0.942884811428572

00:40:13.220 --> 00:40:15.040 based on pre-existing conditions

NOTE Confidence: 0.942884811428572

00:40:15.040 --> 00:40:17.528 for more than 100 million Americans,

NOTE Confidence: 0.942884811428572

00:40:17.530 --> 00:40:19.228 we still have 12 states that

NOTE Confidence: 0.942884811428572

00:40:19.228 --> 00:40:20.448 haven't expanded Medicaid, right?

NOTE Confidence: 0.942884811428572

00:40:20.448 --> 00:40:22.288 And that is incredibly low

NOTE Confidence: 0.942884811428572

00:40:22.288 --> 00:40:24.128 hanging fruit for cancer progress

NOTE Confidence: 0.942884811428572

00:40:24.128 --> 00:40:26.235 that we have to do better on.

NOTE Confidence: 0.942884811428572

00:40:26.240 --> 00:40:27.843 The Biden plan has a plan to

NOTE Confidence: 0.942884811428572

00:40:27.843 --> 00:40:29.600 try to close that Medicaid gap,

NOTE Confidence: 0.942884811428572

00:40:29.600 --> 00:40:31.322 but it has to get through Congress

NOTE Confidence: 0.942884811428572

00:40:31.322 --> 00:40:33.320 and we really need to focus on

NOTE Confidence: 0.942884811428572

00:40:33.320 --> 00:40:34.830 that when we're thinking about

NOTE Confidence: 0.942884811428572

00:40:34.830 --> 00:40:36.393 disparities and things that we can

NOTE Confidence: 0.942884811428572

00:40:36.393 --> 00:40:38.220 do quickly in the name of progress.

NOTE Confidence: 0.942884811428572

00:40:38.220 --> 00:40:38.978 Second equity.

NOTE Confidence: 0.942884811428572

00:40:38.978 --> 00:40:41.252 I'm so glad my colleagues have

NOTE Confidence: 0.942884811428572

00:40:41.252 --> 00:40:42.900 already talked about equity.

NOTE Confidence: 0.942884811428572

00:40:42.900 --> 00:40:44.656 It's obviously incredibly important,

NOTE Confidence: 0.942884811428572

00:40:44.656 --> 00:40:47.290 just as universal health insurance wasn't

NOTE Confidence: 0.942884811428572

00:40:47.355 --> 00:40:49.416 front and center on the radar in 1971,

NOTE Confidence: 0.942884811428572

00:40:49.416 --> 00:40:50.696 and those conversations you know,

NOTE Confidence: 0.942884811428572

00:40:50.700 --> 00:40:51.093 surprisingly,

NOTE Confidence: 0.942884811428572

00:40:51.093 --> 00:40:53.451 equity wasn't either a well known

NOTE Confidence: 0.942884811428572

00:40:53.451 --> 00:40:55.816 report came out six months after

NOTE Confidence: 0.942884811428572

00:40:55.816 --> 00:40:57.686 the National Cancer Act passed.

NOTE Confidence: 0.942884811428572

00:40:57.690 --> 00:40:59.169 Highlighting egregious health

NOTE Confidence: 0.942884811428572

00:40:59.169 --> 00:41:00.648 disparities and obviously,

NOTE Confidence: 0.942884811428572

00:41:00.650 --> 00:41:02.258 COVID has shined a light on

NOTE Confidence: 0.942884811428572

00:41:02.258 --> 00:41:03.948 healthcare equity in a way it

NOTE Confidence: 0.942884811428572

00:41:03.948 --> 00:41:05.634 wasn't has ever been shined before,

NOTE Confidence: 0.942884811428572

00:41:05.640 --> 00:41:07.280 but that doesn't mean that it wasn't there.

NOTE Confidence: 0.942884811428572

00:41:07.280 --> 00:41:08.736 And of course it has been there

NOTE Confidence: 0.942884811428572

00:41:08.736 --> 00:41:10.150 in the cancer space all along,

NOTE Confidence: 0.942884811428572

00:41:10.150 --> 00:41:10.831 and I'm very,

NOTE Confidence: 0.942884811428572

00:41:10.831 --> 00:41:12.193 very proud that you know this

NOTE Confidence: 0.942884811428572

00:41:12.193 --> 00:41:13.833 project with the six years in the

NOTE Confidence: 0.942884811428572

00:41:13.833 --> 00:41:15.011 making was thinking about equity

NOTE Confidence: 0.942884811428572

00:41:15.011 --> 00:41:16.537 from the beginning and we have a

NOTE Confidence: 0.942884811428572

00:41:16.537 --> 00:41:18.324 couple of just fantastic chapters.

NOTE Confidence: 0.942884811428572

00:41:18.324 --> 00:41:21.006 2 I want to highlight Otis Brawley,

NOTE Confidence: 0.942884811428572

00:41:21.006 --> 00:41:23.090 who had hoped to be here with us today,

NOTE Confidence: 0.942884811428572

00:41:23.090 --> 00:41:24.466 but it could not.

NOTE Confidence: 0.942884811428572

00:41:24.466 --> 00:41:26.186 What a wonderful chapter detailing

NOTE Confidence: 0.942884811428572

00:41:26.186 --> 00:41:27.918 disparity is not just across race.

NOTE Confidence: 0.942884811428572

00:41:27.920 --> 00:41:29.780 Put across genders, geography,

NOTE Confidence: 0.942884811428572

00:41:29.780 --> 00:41:31.175 and socioeconomics centers,

NOTE Confidence: 0.942884811428572

00:41:31.180 --> 00:41:33.483 he cites a statistic that 30% of

NOTE Confidence: 0.942884811428572

00:41:33.483 --> 00:41:34.775 Americans with college education

NOTE Confidence: 0.942884811428572

00:41:34.775 --> 00:41:37.147 have a lower death rate for cancer

NOTE Confidence: 0.942884811428572

00:41:37.147 --> 00:41:38.897 than those without an interesting

NOTE Confidence: 0.942884811428572

00:41:38.897 --> 00:41:40.977 fact that education such a predictor

NOTE Confidence: 0.942884811428572

00:41:40.977 --> 00:41:42.592 of cancer outcomes he knows

NOTE Confidence: 0.942884811428572

00:41:42.592 --> 00:41:43.898 connections to Melinda's chapter.

NOTE Confidence: 0.942884811428572

00:41:43.898 --> 00:41:45.872 The fact that cancers that we

NOTE Confidence: 0.942884811428572

00:41:45.872 --> 00:41:47.995 can prevent often hit low income

NOTE Confidence: 0.942884811428572

00:41:47.995 --> 00:41:49.399 populations and professions more

NOTE Confidence: 0.942884811428572

00:41:49.399 --> 00:41:50.820 than other professions,

NOTE Confidence: 0.942884811428572

00:41:50.820 --> 00:41:52.675 and he also points out a tragic

NOTE Confidence: 0.942884811428572

00:41:52.675 --> 00:41:54.080 irony of our progress,

NOTE Confidence: 0.942884811428572

00:41:54.080 --> 00:41:56.144 which is that take this example

NOTE Confidence: 0.942884811428572

00:41:56.144 --> 00:41:58.074 he offers which that in 1975.

NOTE Confidence: 0.942884811428572

00:41:58.074 --> 00:41:59.844 Black and white Americans had

NOTE Confidence: 0.942884811428572

00:41:59.844 --> 00:42:01.702 relatively equal death rates from

NOTE Confidence: 0.942884811428572

00:42:01.702 --> 00:42:03.210 breast and colorectal cancer,

NOTE Confidence: 0.942884811428572

00:42:03.210 --> 00:42:04.935 and why disparities have emerged

NOTE Confidence: 0.942884811428572

00:42:04.935 --> 00:42:06.315 and not been remedy.

NOTE Confidence: 0.942884811428572

00:42:06.320 --> 00:42:08.312 And he points out that this is almost

NOTE Confidence: 0.942884811428572

00:42:08.312 --> 00:42:10.372 a failure of our progress because

NOTE Confidence: 0.942884811428572

00:42:10.372 --> 00:42:11.876 advances in screening diagnostics

NOTE Confidence: 0.942884811428572

00:42:11.876 --> 00:42:13.802 and treatment haven't been made

NOTE Confidence: 0.942884811428572

00:42:13.802 --> 00:42:15.286 available to everybody equally.

NOTE Confidence: 0.942884811428572

00:42:15.290 --> 00:42:17.138 In a companion chapter by Blaise

NOTE Confidence: 0.942884811428572

00:42:17.138 --> 00:42:18.370 Polite and Lindsey Wiley,

NOTE Confidence: 0.942884811428572

00:42:18.370 --> 00:42:20.338 they talk about efforts in certain

NOTE Confidence: 0.942884811428572

00:42:20.338 --> 00:42:21.650 governments to actually address

NOTE Confidence: 0.942884811428572

00:42:21.700 --> 00:42:23.290 those very kinds of disparities.

NOTE Confidence: 0.942884811428572

00:42:23.290 --> 00:42:26.601 NYC and Delaware both had experiments and

NOTE Confidence: 0.942884811428572

00:42:26.601 --> 00:42:28.804 colorectal cancer aimed at increasing.

NOTE Confidence: 0.942884811428572

00:42:28.804 --> 00:42:32.080 Access to screening in a very aggressive way.

NOTE Confidence: 0.942884811428572

00:42:32.080 --> 00:42:34.438 Both of those cities states were

NOTE Confidence: 0.942884811428572

00:42:34.438 --> 00:42:37.348 able to close the gap in screening

NOTE Confidence: 0.942884811428572

00:42:37.350 --> 00:42:39.090 across race and in Delaware.

NOTE Confidence: 0.942884811428572

00:42:39.090 --> 00:42:40.494 They were actually able to close

NOTE Confidence: 0.942884811428572

00:42:40.494 --> 00:42:41.430 the gap and incidents,

NOTE Confidence: 0.942884811428572

00:42:41.430 --> 00:42:42.705 which is quite remarkable and

NOTE Confidence: 0.942884811428572

00:42:42.705 --> 00:42:43.980 shows what governments can do

NOTE Confidence: 0.942884811428572

00:42:44.028 --> 00:42:45.365 when they put their mind to it.

NOTE Confidence: 0.942884811428572

00:42:45.370 --> 00:42:46.196 3rd Congress.

NOTE Confidence: 0.942884811428572

00:42:46.196 --> 00:42:49.087 My own chapter with Rosa De Lauro,

NOTE Confidence: 0.942884811428572

00:42:49.090 --> 00:42:51.268 our own congresswoman here in Connecticut.

NOTE Confidence: 0.942884811428572

00:42:51.270 --> 00:42:53.167 I've great supporter of the cancer space,

NOTE Confidence: 0.942884811428572

00:42:53.170 --> 00:42:56.330 so Doctor Reiner will no doubt get a lot of

NOTE Confidence: 0.845357034666667

00:42:56.412 --> 00:42:58.295 time with on his role details.

NOTE Confidence: 0.845357034666667

00:42:58.295 --> 00:42:59.970 We detail the role that

NOTE Confidence: 0.845357034666667

00:42:59.970 --> 00:43:01.760 Congress has in this space.

NOTE Confidence: 0.845357034666667

00:43:01.760 --> 00:43:03.755 Funding is obviously huge as a weapon,

NOTE Confidence: 0.845357034666667

00:43:03.760 --> 00:43:05.880 but also as a signifier of what's important.

NOTE Confidence: 0.845357034666667

00:43:05.880 --> 00:43:08.478 So I'm obsessed with the statistic

NOTE Confidence: 0.845357034666667

00:43:08.478 --> 00:43:11.007 that the entire budget of the

NOTE Confidence: 0.845357034666667

00:43:11.007 --> 00:43:12.797 CDC is basically the same.

NOTE Confidence: 0.845357034666667

00:43:12.800 --> 00:43:15.410 As NCIS budget for cancer therapeutics,

NOTE Confidence: 0.845357034666667

00:43:15.410 --> 00:43:18.119 but that includes everything the CDC does,

NOTE Confidence: 0.845357034666667

00:43:18.120 --> 00:43:20.320 COVID prevention, non cancer stuff.

NOTE Confidence: 0.845357034666667

00:43:20.320 --> 00:43:21.825 The cancer pieces $300 million

NOTE Confidence: 0.845357034666667

00:43:21.825 --> 00:43:23.720 of the $7 billion budget right?

NOTE Confidence: 0.845357034666667

00:43:23.720 --> 00:43:26.905 So that's a signal of how unimportant

NOTE Confidence: 0.845357034666667

00:43:26.905 --> 00:43:28.560 Congress thinks prevention is.

NOTE Confidence: 0.845357034666667

00:43:28.560 --> 00:43:29.952 It's also a signal how hard

NOTE Confidence: 0.845357034666667

00:43:29.952 --> 00:43:31.991 it is in the matter of budget

NOTE Confidence: 0.845357034666667

00:43:31.991 --> 00:43:33.192 scoring to enact prevention bills.

NOTE Confidence: 0.845357034666667

00:43:33.192 --> 00:43:34.470 I can talk about that more

NOTE Confidence: 0.845357034666667

00:43:34.514 --> 00:43:35.399 people are interested,

NOTE Confidence: 0.845357034666667

00:43:35.400 --> 00:43:37.212 but it's the way Congress scores

NOTE Confidence: 0.845357034666667

00:43:37.212 --> 00:43:39.298 bills or the matter of the budget.

NOTE Confidence: 0.845357034666667

00:43:39.300 --> 00:43:41.465 D incentivizes investments in prevention

NOTE Confidence: 0.845357034666667

00:43:41.465 --> 00:43:44.400 in ways that are very unhelpful.

NOTE Confidence: 0.845357034666667

00:43:44.400 --> 00:43:46.801 Congress also has a role to play

NOTE Confidence: 0.845357034666667

00:43:46.801 --> 00:43:48.551 in speeding innovation in areas

NOTE Confidence: 0.845357034666667

00:43:48.551 --> 00:43:50.501 of R&D where there are many

NOTE Confidence: 0.845357034666667

00:43:50.501 --> 00:43:52.340 market failures like rare cancers,

NOTE Confidence: 0.845357034666667

00:43:52.340 --> 00:43:53.206 pediatric cancers.

NOTE Confidence: 0.845357034666667

00:43:53.206 --> 00:43:55.804 We have several chapters on that,

NOTE Confidence: 0.845357034666667

00:43:55.810 --> 00:43:57.760 and just as Charlie mentioned,

NOTE Confidence: 0.845357034666667

00:43:57.760 --> 00:43:59.345 as cancers become more individualized

NOTE Confidence: 0.845357034666667

00:43:59.345 --> 00:44:01.858 as we start to think of more cancers,

NOTE Confidence: 0.845357034666667

00:44:01.860 --> 00:44:03.519 the population for each of those cancers

NOTE Confidence: 0.845357034666667

00:44:03.519 --> 00:44:05.457 is going to get to be fewer and fewer,

NOTE Confidence: 0.845357034666667

00:44:05.460 --> 00:44:07.250 and we're going to have to find a way to

NOTE Confidence: 0.845357034666667

00:44:07.295 --> 00:44:09.220 compensate for market failures or in drugs,

NOTE Confidence: 0.845357034666667

00:44:09.220 --> 00:44:11.515 or only go to effect a small amount of

NOTE Confidence: 0.845357034666667

00:44:11.515 --> 00:44:13.969 the population and not be as lucrative.

NOTE Confidence: 0.6204315

00:44:16.150 --> 00:44:18.180 Charles Sawyer chapter as Charlie mentioned,

NOTE Confidence: 0.6204315

00:44:18.180 --> 00:44:20.644 talks about need for hippo reform and the

NOTE Confidence: 0.6204315

00:44:20.644 --> 00:44:22.537 data privacy space to facilitate sharing

NOTE Confidence: 0.6204315

00:44:22.537 --> 00:44:25.061 of genomic data so we can actually make

NOTE Confidence: 0.6204315

00:44:25.061 --> 00:44:27.329 progress in the data that we collect.

NOTE Confidence: 0.6204315

00:44:27.330 --> 00:44:28.188 And finally economics.

NOTE Confidence: 0.6204315

00:44:28.188 --> 00:44:30.190 My colleagues have already talked about this,

NOTE Confidence: 0.6204315

00:44:30.190 --> 00:44:31.910 so I'll just briefly wind up with it

NOTE Confidence: 0.6204315

00:44:31.910 --> 00:44:33.894 to say that you know, the book talks

NOTE Confidence: 0.6204315

00:44:33.894 --> 00:44:35.502 about the landscape of cancer care,

NOTE Confidence: 0.6204315

00:44:35.510 --> 00:44:37.590 the shuttering of individual practices,

NOTE Confidence: 0.6204315

00:44:37.590 --> 00:44:39.075 the role that community hospitals

NOTE Confidence: 0.6204315

00:44:39.075 --> 00:44:41.389 play as both a local Cancer Center,

NOTE Confidence: 0.6204315

00:44:41.390 --> 00:44:43.581 but a network to a larger big

NOTE Confidence: 0.6204315

00:44:43.581 --> 00:44:44.900 cancer hospital like Yale.

NOTE Confidence: 0.6204315

00:44:44.900 --> 00:44:46.985 Some extra interventions are needed

NOTE Confidence: 0.6204315

00:44:46.985 --> 00:44:49.556 and Ed Vance is absolutely terrific

NOTE Confidence: 0.6204315

00:44:49.556 --> 00:44:51.641 chapter on cross subsidization in

NOTE Confidence: 0.6204315

00:44:51.641 --> 00:44:54.548 cancer care as both Doctor Weiner and

NOTE Confidence: 0.6204315

00:44:54.548 --> 00:44:56.888 Charlie both mentioned this idea that

NOTE Confidence: 0.6204315

00:44:56.888 --> 00:44:59.360 we subsidized research second opinions.

NOTE Confidence: 0.6204315

00:44:59.360 --> 00:45:02.480 Palliative care social supports with high

NOTE Confidence: 0.6204315

00:45:02.549 --> 00:45:04.949 priced therapeutics and diagnostics.

NOTE Confidence: 0.6204315

00:45:04.950 --> 00:45:06.903 And if Congress is going to insist

NOTE Confidence: 0.6204315

00:45:06.903 --> 00:45:08.937 on cutting drug prices, as it must,

NOTE Confidence: 0.6204315

00:45:08.937 --> 00:45:11.134 it absolutely has to be aware of these

NOTE Confidence: 0.6204315

00:45:11.134 --> 00:45:13.468 connections across the whole cancer space.

NOTE Confidence: 0.6204315

00:45:13.470 --> 00:45:15.080 We're going to have unintended

NOTE Confidence: 0.6204315

00:45:15.080 --> 00:45:15.724 ripple effects.

NOTE Confidence: 0.6204315

00:45:15.730 --> 00:45:18.012 That are going to hurt those least

NOTE Confidence: 0.6204315

00:45:18.012 --> 00:45:19.444 fortunate and connecting all the

NOTE Confidence: 0.6204315

00:45:19.444 --> 00:45:21.372 dots this way is exactly what we

NOTE Confidence: 0.6204315

00:45:21.372 --> 00:45:22.644 hope to do with the book,

NOTE Confidence: 0.6204315

00:45:22.650 --> 00:45:23.706 and it's been just a privilege

NOTE Confidence: 0.6204315

00:45:23.706 --> 00:45:24.570 to be part of it.

NOTE Confidence: 0.6204315

00:45:24.570 --> 00:45:25.164 So with that,

NOTE Confidence: 0.6204315

00:45:25.164 --> 00:45:26.550 let me just say thanks to Charlie.

NOTE Confidence: 0.6204315

00:45:26.550 --> 00:45:26.916 Again,

NOTE Confidence: 0.6204315

00:45:26.916 --> 00:45:28.746 express my enduring affection and

NOTE Confidence: 0.6204315

00:45:28.746 --> 00:45:31.290 to 2nd his thanks to Eugene Rusyn,

NOTE Confidence: 0.6204315

00:45:31.290 --> 00:45:32.490 who's just been a phenomenal

NOTE Confidence: 0.6204315

00:45:32.490 --> 00:45:33.450 support on the book.

NOTE Confidence: 0.6204315

00:45:33.450 --> 00:45:33.688 OK,

NOTE Confidence: 0.6204315

00:45:33.688 --> 00:45:34.640 all right back to

NOTE Confidence: 0.801598707142857

00:45:34.650 --> 00:45:39.599 you. Thanks thanks thanks that was great.

NOTE Confidence: 0.801598707142857

00:45:39.600 --> 00:45:43.128 So our last speaker is Greg Simon

NOTE Confidence: 0.801598707142857

00:45:43.130 --> 00:45:45.433 and he has held senior positions in

NOTE Confidence: 0.801598707142857

00:45:45.433 --> 00:45:47.840 both Chambers of Congress served in

NOTE Confidence: 0.801598707142857

00:45:47.840 --> 00:45:49.640 2 presidential administrations was

NOTE Confidence: 0.801598707142857

00:45:49.640 --> 00:45:52.423 a senior strategy consultant to a

NOTE Confidence: 0.801598707142857

00:45:52.423 --> 00:45:54.247 variety of international technology

NOTE Confidence: 0.801598707142857

00:45:54.247 --> 00:45:56.454 CEOs co-founded with Michael Milliken

NOTE Confidence: 0.801598707142857

00:45:56.454 --> 00:45:58.956 and LED Fastercures co-founded and LED

NOTE Confidence: 0.801598707142857

00:45:58.956 --> 00:46:01.104 the Melanoma Melanoma Research Alliance

NOTE Confidence: 0.801598707142857

00:46:01.104 --> 00:46:03.600 and was the senior vice president,

NOTE Confidence: 0.801598707142857

00:46:03.600 --> 00:46:05.830 advisor for worldwide policy and

NOTE Confidence: 0.801598707142857

00:46:05.830 --> 00:46:08.674 patient engagement and the CEO Holy

NOTE Confidence: 0.801598707142857

00:46:08.674 --> 00:46:10.826 Wauka Financial Services company.

NOTE Confidence: 0.801598707142857

00:46:10.830 --> 00:46:12.630 Creating unique capital market

NOTE Confidence: 0.801598707142857

00:46:12.630 --> 00:46:14.880 opportunities and and and indices

NOTE Confidence: 0.801598707142857

00:46:14.880 --> 00:46:17.349 in healthcare and life sciences,

NOTE Confidence: 0.801598707142857

00:46:17.350 --> 00:46:19.560 he's developed a reputation as

NOTE Confidence: 0.801598707142857

00:46:19.560 --> 00:46:20.886 a visionary strategist.

NOTE Confidence: 0.801598707142857

00:46:20.890 --> 00:46:23.950 A dynamic public speaker and writer,

NOTE Confidence: 0.801598707142857

00:46:23.950 --> 00:46:26.290 and as an expert analyst of

NOTE Confidence: 0.801598707142857

00:46:26.290 --> 00:46:27.850 emerging trends in healthcare

NOTE Confidence: 0.801598707142857

00:46:27.928 --> 00:46:30.259 information technology technology,

NOTE Confidence: 0.801598707142857

00:46:30.260 --> 00:46:32.232 innovative drug research and

NOTE Confidence: 0.801598707142857

00:46:32.232 --> 00:46:34.204 development and patient advocacy

NOTE Confidence: 0.801598707142857

00:46:34.210 --> 00:46:35.578 most recently and importantly,

NOTE Confidence: 0.801598707142857

00:46:35.578 --> 00:46:37.630 Greg was the President of the

NOTE Confidence: 0.801598707142857

00:46:37.695 --> 00:46:39.243 Biden Cancer Initiative and

NOTE Confidence: 0.801598707142857

00:46:39.243 --> 00:46:41.178 served as the executive director.

NOTE Confidence: 0.801598707142857

00:46:41.180 --> 00:46:43.980 Of the White House cancer Munshaw taskforce,

NOTE Confidence: 0.801598707142857

00:46:43.980 --> 00:46:46.916 Greg. Black, glad to have you here thanks.

NOTE Confidence: 0.801598707142857

00:46:46.920 --> 00:46:47.928 Thanks for joining us.

NOTE Confidence: 0.93201383

00:46:51.180 --> 00:46:52.420 Thank you so much, Eric.

NOTE Confidence: 0.93201383

00:46:52.420 --> 00:46:54.777 And thank you Abby for asking me

NOTE Confidence: 0.93201383

00:46:54.777 --> 00:46:56.506 to do this many years ago now.

NOTE Confidence: 0.922381866666667

00:46:58.670 --> 00:47:00.116 It's a it's a real pleasure.

NOTE Confidence: 0.898467644166667

00:47:02.710 --> 00:47:04.180 I want to talk just briefly

NOTE Confidence: 0.898467644166667

00:47:04.180 --> 00:47:05.679 about the chapter in the book,

NOTE Confidence: 0.898467644166667

00:47:05.680 --> 00:47:08.000 and I've been asked to talk more about

NOTE Confidence: 0.898467644166667

00:47:08.000 --> 00:47:10.425 what's coming potentially in the

NOTE Confidence: 0.898467644166667

00:47:10.425 --> 00:47:12.885 cancer moonshots recently announced.

NOTE Confidence: 0.898467644166667

00:47:12.890 --> 00:47:15.194 The take away from what we did in the

NOTE Confidence: 0.898467644166667

00:47:15.194 --> 00:47:17.090 cancer Moon shot may surprise you,

NOTE Confidence: 0.898467644166667

00:47:17.090 --> 00:47:19.322 but I think we got more done in

NOTE Confidence: 0.898467644166667

00:47:19.322 --> 00:47:21.064 nine months than many people

NOTE Confidence: 0.898467644166667

00:47:21.064 --> 00:47:22.914 expected because we weren't doing

NOTE Confidence: 0.898467644166667

00:47:22.914 --> 00:47:25.159 it all inside the government.

NOTE Confidence: 0.898467644166667

00:47:25.160 --> 00:47:27.230 The reason we were able to get so much done,

NOTE Confidence: 0.898467644166667

00:47:27.230 --> 00:47:30.562 in my opinion, is because of the

NOTE Confidence: 0.898467644166667

00:47:30.562 --> 00:47:31.990 patient communities engagement.

NOTE Confidence: 0.898467644166667

00:47:31.990 --> 00:47:34.300 If you I don't know if I can share my screen.

NOTE Confidence: 0.898467644166667

00:47:34.300 --> 00:47:36.687 Am I able to share my screen?

NOTE Confidence: 0.898467644166667

00:47:36.690 --> 00:47:38.794 Let me try if you wonder why it's

NOTE Confidence: 0.898467644166667

00:47:38.794 --> 00:47:40.750 difficult to track in the government.

NOTE Confidence: 0.898467644166667

00:47:40.750 --> 00:47:42.076 Let me give you an example.

NOTE Confidence: 0.73367412

00:47:44.350 --> 00:47:45.766 Nope, didn't come up. Never mind,

NOTE Confidence: 0.73367412

00:47:45.770 --> 00:47:47.795 I'll do it later if you want to have

NOTE Confidence: 0.73367412

00:47:47.795 --> 00:47:49.985 a good time go to the NCI website,

NOTE Confidence: 0.73367412

00:47:49.990 --> 00:47:52.060 look on the implementation of

NOTE Confidence: 0.73367412

00:47:52.060 --> 00:47:55.169 the Moon shot link and you will

NOTE Confidence: 0.73367412

00:47:55.169 --> 00:47:57.559 find the most overwhelming chart.

NOTE Confidence: 0.73367412

00:47:57.560 --> 00:47:59.732 Of dots and arrows and squiggly

NOTE Confidence: 0.73367412

00:47:59.732 --> 00:48:01.900 lines that you will ever see.

NOTE Confidence: 0.73367412

00:48:01.900 --> 00:48:04.375 I have no idea how well the NCI did

NOTE Confidence: 0.73367412

00:48:04.375 --> 00:48:07.110 in implementing the original cancer.

NOTE Confidence: 0.73367412

00:48:07.110 --> 00:48:09.822 Mention it is a little hard to tell

NOTE Confidence: 0.73367412

00:48:09.822 --> 00:48:12.898 if this is new or if this is just

NOTE Confidence: 0.73367412

00:48:12.898 --> 00:48:14.940 moving the boxes from traditional

NOTE Confidence: 0.73367412

00:48:14.940 --> 00:48:17.838 R 01 grants and relabeling them.

NOTE Confidence: 0.73367412

00:48:17.840 --> 00:48:19.220 Cancer Moon shot grants.

NOTE Confidence: 0.73367412

00:48:19.220 --> 00:48:21.705 That is the first challenge for the

NOTE Confidence: 0.73367412

00:48:21.705 --> 00:48:24.162 current moon shot is what did the

NOTE Confidence: 0.73367412

00:48:24.162 --> 00:48:26.269 government actually get done in a

NOTE Confidence: 0.73367412

00:48:26.269 --> 00:48:27.944 number of these technical programs?

NOTE Confidence: 0.73367412

00:48:27.950 --> 00:48:32.350 Overseen by literally 100 subcommittees,

NOTE Confidence: 0.73367412

00:48:32.350 --> 00:48:33.646 that's the first challenge.

NOTE Confidence: 0.73367412

00:48:33.646 --> 00:48:36.002 How well did we actually do in

NOTE Confidence: 0.73367412

00:48:36.002 --> 00:48:36.708 the government?

NOTE Confidence: 0.73367412

00:48:36.710 --> 00:48:38.600 Because I can tell you from the

NOTE Confidence: 0.73367412

00:48:38.600 --> 00:48:40.390 standpoint of the patient community

NOTE Confidence: 0.73367412

00:48:40.390 --> 00:48:42.230 whether it's financial toxicity,

NOTE Confidence: 0.73367412

00:48:42.230 --> 00:48:43.622 caregiver support, transportation,

NOTE Confidence: 0.73367412

00:48:43.622 --> 00:48:45.942 and help with the day-to-day

NOTE Confidence: 0.73367412

00:48:45.942 --> 00:48:48.488 expenses of being treated for cancer.

NOTE Confidence: 0.73367412

00:48:48.490 --> 00:48:50.488 All of those things were bubbled

NOTE Confidence: 0.73367412

00:48:50.488 --> 00:48:52.530 up from the patient community.

NOTE Confidence: 0.73367412

00:48:52.530 --> 00:48:53.326 Those efforts,

NOTE Confidence: 0.73367412

00:48:53.326 --> 00:48:56.112 including the first Cancer Center on an

NOTE Confidence: 0.73367412

00:48:56.112 --> 00:48:58.670 Indian Reservation and make the Navajo.

NOTE Confidence: 0.73367412

00:48:58.670 --> 00:49:03.040 Nation Cancer Center staffed by an

NOTE Confidence: 0.73367412

00:49:03.040 --> 00:49:06.220 oncologist couple from here in Maryland,

NOTE Confidence: 0.73367412

00:49:06.220 --> 00:49:08.930 those efforts that were that

NOTE Confidence: 0.73367412

00:49:08.930 --> 00:49:11.098 were engaged in cooperation,

NOTE Confidence: 0.73367412

00:49:11.100 --> 00:49:13.092 collaboration with the local

NOTE Confidence: 0.73367412

00:49:13.092 --> 00:49:15.582 communities where the greatest success

NOTE Confidence: 0.73367412

00:49:15.582 --> 00:49:17.749 stories of the Cancer Moon shot.

NOTE Confidence: 0.73367412

00:49:17.750 --> 00:49:20.168 And yes, we got $1.8 billion.

NOTE Confidence: 0.73367412

00:49:20.170 --> 00:49:20.926 And yes,

NOTE Confidence: 0.73367412

00:49:20.926 --> 00:49:23.572 there were 100 subcommittees at the NCI.

NOTE Confidence: 0.73367412

00:49:23.580 --> 00:49:24.226 And yes,

NOTE Confidence: 0.73367412

00:49:24.226 --> 00:49:26.810 the VA and the DOE all had wonderful

NOTE Confidence: 0.73367412

00:49:26.882 --> 00:49:29.247 programs that they did implement.

NOTE Confidence: 0.73367412

00:49:29.250 --> 00:49:32.598 But progress is never over and

NOTE Confidence: 0.73367412

00:49:32.598 --> 00:49:34.830 progress is never permanent.

NOTE Confidence: 0.73367412

00:49:34.830 --> 00:49:36.648 There is a real challenge today

NOTE Confidence: 0.73367412

00:49:36.648 --> 00:49:38.790 to move all of this forward.

NOTE Confidence: 0.73367412

00:49:38.790 --> 00:49:41.446 So where is the next moon shot going?

NOTE Confidence: 0.73367412

00:49:41.450 --> 00:49:41.715 Well,

NOTE Confidence: 0.73367412

00:49:41.715 --> 00:49:43.570 I have to say if you're talking

NOTE Confidence: 0.73367412

00:49:43.570 --> 00:49:45.370 to the patient communities,

NOTE Confidence: 0.73367412

00:49:45.370 --> 00:49:47.730 you get a very different story than if

NOTE Confidence: 0.73367412

00:49:47.730 --> 00:49:49.718 you're talking to the cancer community.

NOTE Confidence: 0.73367412

00:49:49.720 --> 00:49:51.904 The traditional institutional

NOTE Confidence: 0.73367412

00:49:51.904 --> 00:49:55.289 cancer community asks one question,

NOTE Confidence: 0.73367412

00:49:55.289 --> 00:49:57.218 where's the money?

NOTE Confidence: 0.73367412

00:49:57.220 --> 00:49:58.644 That's the least important

NOTE Confidence: 0.73367412

00:49:58.644 --> 00:50:00.780 question in the future of cancer.

NOTE Confidence: 0.73367412

00:50:00.780 --> 00:50:01.824 It is not.

NOTE Confidence: 0.73367412

00:50:01.824 --> 00:50:04.478 Where's the money, it's where's the ideas.

NOTE Confidence: 0.73367412

00:50:04.478 --> 00:50:06.488 And where are the people?

NOTE Confidence: 0.73367412

00:50:06.490 --> 00:50:08.310 And I'd like to make a bold

NOTE Confidence: 0.73367412

00:50:08.310 --> 00:50:09.090 prediction about this.

NOTE Confidence: 0.73367412

00:50:09.090 --> 00:50:10.946 I have been working for the last year,

NOTE Confidence: 0.73367412

00:50:10.950 --> 00:50:13.230 focused on AI based drug discovery

NOTE Confidence: 0.73367412

00:50:13.230 --> 00:50:14.750 companies in the economy,

NOTE Confidence: 0.73367412

00:50:14.750 --> 00:50:17.358 and trying to bring some of them public.

NOTE Confidence: 0.73367412

00:50:17.360 --> 00:50:20.160 I think we will have more progress

NOTE Confidence: 0.73367412

00:50:20.160 --> 00:50:22.440 in cancer treatment and outcomes

NOTE Confidence: 0.73367412

00:50:22.440 --> 00:50:23.949 from private entrepreneurial

NOTE Confidence: 0.73367412

00:50:23.949 --> 00:50:26.947 startups then we will from NCI

NOTE Confidence: 0.73367412

00:50:26.947 --> 00:50:29.359 investment over the next 10 years.

NOTE Confidence: 0.73367412

00:50:29.360 --> 00:50:30.620 You can come back in 10

NOTE Confidence: 0.73367412

00:50:30.620 --> 00:50:31.760 years if I'm still here.

NOTE Confidence: 0.73367412

00:50:31.760 --> 00:50:35.048 God willing and tell me I was wrong,

NOTE Confidence: 0.73367412

00:50:35.050 --> 00:50:37.560 but from what I see the questions

NOTE Confidence: 0.73367412

00:50:37.560 --> 00:50:39.360 that need to be asked the

NOTE Confidence: 0.73367412

00:50:39.360 --> 00:50:41.040 barriers that need to be broken,

NOTE Confidence: 0.73367412

00:50:41.040 --> 00:50:43.428 the inequities that need to be

NOTE Confidence: 0.73367412

00:50:43.428 --> 00:50:45.430 destroyed are happening faster in

NOTE Confidence: 0.73367412

00:50:45.430 --> 00:50:47.494 the private sector and the public.

NOTE Confidence: 0.73367412

00:50:47.500 --> 00:50:49.114 And as a public servant for

NOTE Confidence: 0.73367412

00:50:49.114 --> 00:50:51.178 many of my years on this planet,

NOTE Confidence: 0.73367412

00:50:51.180 --> 00:50:52.998 and someone who believes deeply in

NOTE Confidence: 0.73367412

00:50:52.998 --> 00:50:55.120 public service that is troubling to me.

NOTE Confidence: 0.73367412

00:50:55.120 --> 00:50:56.420 So what should we do?

NOTE Confidence: 0.9666827925

00:50:56.420 --> 00:50:58.876 Well, Biden starting off on the right foot,

NOTE Confidence: 0.9666827925

00:50:58.880 --> 00:51:02.456 we we can reduce age adjusted death rate.

NOTE Confidence: 0.9666827925

00:51:02.460 --> 00:51:04.570 That's the critical phrase I

NOTE Confidence: 0.9666827925

00:51:04.570 --> 00:51:07.000 have leukemia since I was 64.

NOTE Confidence: 0.9666827925

00:51:07.000 --> 00:51:09.100 If I'd had leukemia 20 years earlier,

NOTE Confidence: 0.9666827925

00:51:09.100 --> 00:51:10.484 I wouldn't be here.

NOTE Confidence: 0.9666827925

00:51:10.484 --> 00:51:13.359 So I've had a whole decade almost of

NOTE Confidence: 0.9666827925

00:51:13.359 --> 00:51:16.247 bonus years from what I would have had

NOTE Confidence: 0.9666827925

00:51:16.324 --> 00:51:19.210 if we hadn't developed the first FDA

NOTE Confidence: 0.9666827925

00:51:19.210 --> 00:51:21.260 breakthrough accelerated drug in Brewton,

NOTE Confidence: 0.9666827925

00:51:21.260 --> 00:51:23.115 which I've been on for two years,

NOTE Confidence: 0.9666827925

00:51:23.120 --> 00:51:24.480 and I I picked it.

NOTE Confidence: 0.9666827925

00:51:24.480 --> 00:51:25.998 And I say this with great

NOTE Confidence: 0.9666827925

00:51:25.998 --> 00:51:27.460 humor because he's a friend.

NOTE Confidence: 0.9666827925

00:51:27.460 --> 00:51:29.119 I'd made a decision a long time

NOTE Confidence: 0.9666827925

00:51:29.119 --> 00:51:30.700 ago to always take the other

NOTE Confidence: 0.9666827925

00:51:30.700 --> 00:51:32.320 side of the argument from Zeke.

NOTE Confidence: 0.9666827925

00:51:32.320 --> 00:51:34.889 Emanuel, I don't think we need to

NOTE Confidence: 0.9666827925

00:51:34.889 --> 00:51:37.038 put 75 year olds on an ice floe,

NOTE Confidence: 0.9666827925

00:51:37.040 --> 00:51:38.748 and I don't think that just the

NOTE Confidence: 0.9666827925

00:51:38.748 --> 00:51:40.699 price of the drugs is the problem.

NOTE Confidence: 0.9666827925

00:51:40.700 --> 00:51:43.028 The problem is who pays it,

NOTE Confidence: 0.9666827925

00:51:43.030 --> 00:51:45.289 and I was very happy to see in several

NOTE Confidence: 0.9666827925

00:51:45.289 --> 00:51:47.323 chapters we need to take Co pay burdens

NOTE Confidence: 0.9666827925

00:51:47.323 --> 00:51:49.115 off of patients for cancer treatments

NOTE Confidence: 0.9666827925

00:51:49.115 --> 00:51:50.775 and other treatments that require

NOTE Confidence: 0.9666827925

00:51:50.775 --> 00:51:53.720 you to be on a drug to save your life.

NOTE Confidence: 0.9666827925

00:51:53.720 --> 00:51:56.000 We need to take the price of the

NOTE Confidence: 0.9666827925

00:51:56.000 --> 00:51:58.156 drug outside of the people who can

NOTE Confidence: 0.9666827925

00:51:58.156 --> 00:52:00.033 afford to pay and charging more

NOTE Confidence: 0.9666827925

00:52:00.033 --> 00:52:01.920 for the people who can't afford

NOTE Confidence: 0.9666827925

00:52:01.920 --> 00:52:04.504 to pay and reverse that scenario.

NOTE Confidence: 0.9666827925

00:52:04.504 --> 00:52:08.827 And in terms of how we're going to do that

NOTE Confidence: 0.9666827925

00:52:08.830 --> 00:52:10.693 and how the cancer Moon shot can do that.

NOTE Confidence: 0.9666827925

00:52:10.700 --> 00:52:12.655 This is not necessarily a

NOTE Confidence: 0.9666827925

00:52:12.655 --> 00:52:14.219 government solution I think,

NOTE Confidence: 0.9666827925

00:52:14.220 --> 00:52:16.092 and I have been working on for many years,

NOTE Confidence: 0.9666827925

00:52:16.100 --> 00:52:17.324 but private solution,

NOTE Confidence: 0.9666827925

00:52:17.324 --> 00:52:18.140 you know,

NOTE Confidence: 0.9666827925

00:52:18.140 --> 00:52:22.060 we spend $21 billion a year on migraines.

NOTE Confidence: 0.9666827925

00:52:22.060 --> 00:52:25.220 That's the same amount we spend on wheat.

NOTE Confidence: 0.9666827925

00:52:25.220 --> 00:52:27.656 There is a massive futures market

NOTE Confidence: 0.9666827925

00:52:27.656 --> 00:52:29.785 and derivative market for wheat

NOTE Confidence: 0.9666827925

00:52:29.785 --> 00:52:31.517 that stabilizes prices that

NOTE Confidence: 0.9666827925

00:52:31.517 --> 00:52:33.682 keeps bread from costing $10.

NOTE Confidence: 0.9666827925

00:52:33.690 --> 00:52:35.484 A loaf that keeps farmers from

NOTE Confidence: 0.9666827925

00:52:35.484 --> 00:52:37.202 going out of business when there's

NOTE Confidence: 0.9666827925

00:52:37.202 --> 00:52:39.390 a bad year or too good of a year.

NOTE Confidence: 0.9666827925

00:52:39.390 --> 00:52:40.986 We don't have that in healthcare,

NOTE Confidence: 0.9666827925

00:52:40.990 --> 00:52:43.230 but we will soon and I'm hoping

NOTE Confidence: 0.9666827925

00:52:43.230 --> 00:52:45.398 that we'll we'll see an immediate

NOTE Confidence: 0.9666827925

00:52:45.398 --> 00:52:47.678 change in the problems that drive

NOTE Confidence: 0.9666827925

00:52:47.678 --> 00:52:50.056 prices higher and higher and higher.

NOTE Confidence: 0.9666827925

00:52:50.060 --> 00:52:51.736 Now the RPH program,

NOTE Confidence: 0.9666827925

00:52:51.736 --> 00:52:53.831 which has been much ballyhooed

NOTE Confidence: 0.9666827925

00:52:53.831 --> 00:52:56.506 by people like me for 10 years.

NOTE Confidence: 0.9666827925

00:52:56.510 --> 00:52:58.575 Is in grave danger because we have

NOTE Confidence: 0.9666827925

00:52:58.575 --> 00:53:01.309 nobody who is currently leading the charge.

NOTE Confidence: 0.9666827925

00:53:01.310 --> 00:53:02.985 The tragic resignation of Eric

NOTE Confidence: 0.9666827925

00:53:02.985 --> 00:53:05.050 Lander after a series of bad

NOTE Confidence: 0.9666827925

00:53:05.050 --> 00:53:07.024 incidents has left the movement in

NOTE Confidence: 0.9666827925

00:53:07.024 --> 00:53:09.290 the White House somewhat leaderless,

NOTE Confidence: 0.9666827925

00:53:09.290 --> 00:53:11.006 and I'm hoping that the Congress

NOTE Confidence: 0.9666827925

00:53:11.006 --> 00:53:12.150 will take the reins,

NOTE Confidence: 0.9666827925

00:53:12.150 --> 00:53:14.628 put it independently of the United H,

NOTE Confidence: 0.9666827925

00:53:14.630 --> 00:53:15.938 and give it the mandate we

NOTE Confidence: 0.9666827925

00:53:15.938 --> 00:53:17.130 all want it to have.

NOTE Confidence: 0.9666827925

00:53:17.130 --> 00:53:18.490 Do wonderful hard things,

NOTE Confidence: 0.9666827925

00:53:18.490 --> 00:53:20.684 and if you fail, it's OK.

NOTE Confidence: 0.9666827925

00:53:20.684 --> 00:53:23.603 Don't do anything anybody else would do.

NOTE Confidence: 0.9666827925

00:53:23.610 --> 00:53:26.650 That's the mission for a DARPA like agency.

NOTE Confidence: 0.9666827925

00:53:26.650 --> 00:53:28.530 And as far as the moon shot goes,

NOTE Confidence: 0.9666827925

00:53:28.530 --> 00:53:29.530 although everybody thought Eric

NOTE Confidence: 0.9666827925

00:53:29.530 --> 00:53:31.030 Lander was going to run it,

NOTE Confidence: 0.9666827925

00:53:31.030 --> 00:53:32.872 it's really always going to have

NOTE Confidence: 0.9666827925

00:53:32.872 --> 00:53:34.710 been run by Daniel Carnival.

NOTE Confidence: 0.9666827925

00:53:34.710 --> 00:53:37.020 My deputy in the first man shot

NOTE Confidence: 0.9666827925

00:53:37.020 --> 00:53:38.640 and the challenge for the current

NOTE Confidence: 0.9666827925

00:53:38.640 --> 00:53:40.813 moon shot is how do we get people

NOTE Confidence: 0.9666827925

00:53:40.813 --> 00:53:42.367 to stop talking about money and

NOTE Confidence: 0.941610749

00:53:42.427 --> 00:53:44.317 what's going to go into the cancer

NOTE Confidence: 0.941610749

00:53:44.317 --> 00:53:46.382 centers and the NCI and start talking

NOTE Confidence: 0.941610749

00:53:46.382 --> 00:53:49.070 about how are we going to engage with

NOTE Confidence: 0.941610749

00:53:49.070 --> 00:53:51.302 the innovators in the private sector

NOTE Confidence: 0.941610749

00:53:51.302 --> 00:53:54.081 and the patient groups who are being

NOTE Confidence: 0.941610749

00:53:54.081 --> 00:53:56.954 very innovative today to build a new?

NOTE Confidence: 0.941610749

00:53:56.954 --> 00:53:58.762 Institution for Cancer Research

NOTE Confidence: 0.941610749

00:53:58.762 --> 00:54:01.230 that encompasses all of society,

NOTE Confidence: 0.941610749

00:54:01.230 --> 00:54:04.415 not just the campus here in Bethesda,

NOTE Confidence: 0.941610749

00:54:04.420 --> 00:54:06.268 that to me is the biggest challenge.

NOTE Confidence: 0.941610749

00:54:06.270 --> 00:54:09.196 It is time to rethink our institutions.

NOTE Confidence: 0.941610749

00:54:09.200 --> 00:54:11.517 We have had them the same way

NOTE Confidence: 0.941610749

00:54:11.517 --> 00:54:13.170 since Vannevar Bush's contract,

NOTE Confidence: 0.941610749

00:54:13.170 --> 00:54:15.150 and that is not right.

NOTE Confidence: 0.941610749

00:54:15.150 --> 00:54:18.670 It is time to rejuvenate to to redecorate

NOTE Confidence: 0.941610749

00:54:18.670 --> 00:54:21.847 and to bring younger people in.

NOTE Confidence: 0.941610749

00:54:21.850 --> 00:54:23.565 And it might as well say it.

NOTE Confidence: 0.941610749

00:54:23.570 --> 00:54:25.522 I wish we would give it an early

NOTE Confidence: 0.941610749

00:54:25.522 --> 00:54:27.646 out to everybody at NIH and NCI.

NOTE Confidence: 0.941610749

00:54:27.650 --> 00:54:29.600 Who's over the age of 70.

NOTE Confidence: 0.941610749

00:54:29.600 --> 00:54:31.588 It is time to bring the next

NOTE Confidence: 0.941610749

00:54:31.588 --> 00:54:33.040 generation into the building,

NOTE Confidence: 0.941610749

00:54:33.040 --> 00:54:34.650 but they can't get there for all

NOTE Confidence: 0.941610749

00:54:34.650 --> 00:54:36.660 the seats are taken so I know

NOTE Confidence: 0.941610749

00:54:36.660 --> 00:54:38.700 I've sort of expanded my time

NOTE Confidence: 0.941610749

00:54:38.700 --> 00:54:41.178 and maybe expanded my license,

NOTE Confidence: 0.941610749

00:54:41.180 --> 00:54:43.658 but I've I work with this everyday.

NOTE Confidence: 0.941610749

00:54:43.660 --> 00:54:46.124 One last point I found out yesterday

NOTE Confidence: 0.941610749

00:54:46.124 --> 00:54:48.417 two different people I know have cancer.

NOTE Confidence: 0.941610749

00:54:48.420 --> 00:54:51.724 One of them found out from a text.

NOTE Confidence: 0.941610749

00:54:51.730 --> 00:54:54.376 That was sent by an AI engine

NOTE Confidence: 0.941610749

00:54:54.376 --> 00:54:56.580 because his medical report showed

NOTE Confidence: 0.941610749

00:54:56.580 --> 00:54:59.060 he had metastatic colon cancer.

NOTE Confidence: 0.941610749

00:54:59.060 --> 00:55:00.612 He's a cancer doctor.

NOTE Confidence: 0.941610749

00:55:00.612 --> 00:55:03.086 He was shocked that he could

NOTE Confidence: 0.941610749

00:55:03.086 --> 00:55:05.200 get a text without a human being

NOTE Confidence: 0.941610749

00:55:05.268 --> 00:55:07.368 attached to it to tell him that.

NOTE Confidence: 0.941610749

00:55:07.370 --> 00:55:10.522 Another young woman in her 30s was diagnosed

NOTE Confidence: 0.941610749

00:55:10.522 --> 00:55:13.467 with CLL during a breast cancer exam.

NOTE Confidence: 0.941610749

00:55:13.470 --> 00:55:15.285 They didn't give her any

NOTE Confidence: 0.941610749

00:55:15.285 --> 00:55:17.054 information about what happens next.

NOTE Confidence: 0.941610749

00:55:17.054 --> 00:55:19.680 She called me and I had to do.

NOTE Confidence: 0.941610749

00:55:19.680 --> 00:55:21.220 Both of these are wrong.

NOTE Confidence: 0.941610749

00:55:21.220 --> 00:55:22.935 Both of these have to be fixed.

NOTE Confidence: 0.941610749

00:55:22.940 --> 00:55:25.028 We have got to provide people

NOTE Confidence: 0.941610749

00:55:25.028 --> 00:55:27.160 and environment to deal with the

NOTE Confidence: 0.941610749

00:55:27.160 --> 00:55:29.170 cancer diagnosis that does not put

NOTE Confidence: 0.941610749

00:55:29.170 --> 00:55:31.918 them on the on the on the spot

NOTE Confidence: 0.941610749

00:55:31.918 --> 00:55:33.258 to do everything themselves.

NOTE Confidence: 0.941610749

00:55:33.260 --> 00:55:35.320 Whether you're a cancer doctor

NOTE Confidence: 0.941610749

00:55:35.320 --> 00:55:37.040 or a mother in their 30s,

NOTE Confidence: 0.941610749

00:55:37.040 --> 00:55:38.936 we must do a better job.

NOTE Confidence: 0.941610749

00:55:38.940 --> 00:55:40.949 And in 2022 I would have hoped

NOTE Confidence: 0.941610749

00:55:40.949 --> 00:55:42.860 we would have done it by now.

NOTE Confidence: 0.941610749

00:55:42.860 --> 00:55:44.604 But with your help and all the people

NOTE Confidence: 0.941610749

00:55:44.604 --> 00:55:46.437 on who wrote chapters in the book,

NOTE Confidence: 0.941610749

00:55:46.440 --> 00:55:47.528 we can get there.

NOTE Confidence: 0.941610749

00:55:47.528 --> 00:55:49.628 But we have to be very honest

NOTE Confidence: 0.941610749

00:55:49.628 --> 00:55:52.016 about what the problems are today.

NOTE Confidence: 0.941610749

00:55:52.020 --> 00:55:52.440 Thank you.

NOTE Confidence: 0.918586206

00:55:56.360 --> 00:55:59.650 Thanks, thanks very much Greg.

NOTE Confidence: 0.918586206

00:55:59.650 --> 00:56:02.762 I think we might have time for one

NOTE Confidence: 0.918586206

00:56:02.762 --> 00:56:06.086 or two questions Max, so I guess

NOTE Confidence: 0.918586206

00:56:06.086 --> 00:56:08.690 I'm supposed to look in the chat,

NOTE Confidence: 0.918586206

00:56:08.690 --> 00:56:12.360 but I don't know that I see any Renee.

NOTE Confidence: 0.447723876

00:56:12.760 --> 00:56:15.850 There was one question Eric, about.

NOTE Confidence: 0.447723876

00:56:15.850 --> 00:56:17.985 Their fear about moving too fast on

NOTE Confidence: 0.447723876

00:56:17.985 --> 00:56:19.894 cancer progress because it will feel

NOTE Confidence: 0.447723876

00:56:19.894 --> 00:56:21.449 politicized like the COVID vaccine.

NOTE Confidence: 0.447723876

00:56:21.450 --> 00:56:22.577 I don't know if Greg you want

NOTE Confidence: 0.447723876

00:56:22.577 --> 00:56:23.760 to take that or somebody else.

NOTE Confidence: 0.890353470266667

00:56:24.130 --> 00:56:26.140 I already already responded to that

NOTE Confidence: 0.890353470266667

00:56:26.140 --> 00:56:28.766 text in the chat and said no and no.

NOTE Confidence: 0.890353470266667

00:56:28.770 --> 00:56:30.360 I don't think the public is

NOTE Confidence: 0.890353470266667

00:56:30.360 --> 00:56:32.035 generally aware of the time it

NOTE Confidence: 0.890353470266667

00:56:32.035 --> 00:56:33.703 takes to develop new cancer cures.

NOTE Confidence: 0.890353470266667

00:56:33.710 --> 00:56:36.230 And when things happen fast in cancer,

NOTE Confidence: 0.890353470266667

00:56:36.230 --> 00:56:38.806 it's still slow in the real world

NOTE Confidence: 0.890353470266667

00:56:38.810 --> 00:56:41.590 in terms of politicizing cancer,

NOTE Confidence: 0.890353470266667

00:56:41.590 --> 00:56:44.086 all I can tell you is that we

NOTE Confidence: 0.890353470266667

00:56:44.086 --> 00:56:46.320 helped during the cancer Moon shot.

NOTE Confidence: 0.890353470266667

00:56:46.320 --> 00:56:48.102 People ask for our help from

NOTE Confidence: 0.890353470266667

00:56:48.102 --> 00:56:50.226 both sides of the hill from both

NOTE Confidence: 0.890353470266667

00:56:50.226 --> 00:56:51.878 sides of the political parties.

NOTE Confidence: 0.890353470266667

00:56:51.878 --> 00:56:54.601 I have never in all my speeches

NOTE Confidence: 0.890353470266667

00:56:54.601 --> 00:56:56.365 where I'm pretty obviously

NOTE Confidence: 0.890353470266667

00:56:56.365 --> 00:56:58.535 my politics are pretty clear.

NOTE Confidence: 0.890353470266667

00:56:58.540 --> 00:57:00.542 I have never had anybody accused me

NOTE Confidence: 0.890353470266667

00:57:00.542 --> 00:57:03.049 of having a democratic view of cancer,

NOTE Confidence: 0.890353470266667

00:57:03.050 --> 00:57:06.794 so I think this is 1 Safe Harbor

NOTE Confidence: 0.890353470266667

00:57:06.800 --> 00:57:08.305 that we can all work on together.

NOTE Confidence: 0.924789576

00:57:10.280 --> 00:57:12.736 Yeah, I don't think people would accuse you

NOTE Confidence: 0.924789576

00:57:12.736 --> 00:57:15.390 of not being clear about your thoughts.

NOTE Confidence: 0.924789576

00:57:15.390 --> 00:57:18.454 We appreciate it. You know,

NOTE Confidence: 0.924789576

00:57:18.454 --> 00:57:21.190 I think that the the theme of disparities

NOTE Confidence: 0.924789576

00:57:21.261 --> 00:57:23.410 has come up over and over again.

NOTE Confidence: 0.924789576

00:57:23.410 --> 00:57:25.657 I think it's really an important take

NOTE Confidence: 0.924789576

00:57:25.657 --> 00:57:28.075 away from this and I'm just going to

NOTE Confidence: 0.924789576

00:57:28.075 --> 00:57:30.270 reiterate what I what I said before.

NOTE Confidence: 0.924789576

00:57:30.270 --> 00:57:32.718 I think that both in terms of clinical

NOTE Confidence: 0.924789576

00:57:32.718 --> 00:57:34.650 care and in terms of research,

NOTE Confidence: 0.924789576

00:57:34.650 --> 00:57:38.340 if you put the patient in the center and and

NOTE Confidence: 0.924789576

00:57:38.429 --> 00:57:42.039 reformulate everything around that concept,

NOTE Confidence: 0.924789576

00:57:42.040 --> 00:57:43.268 I think we would.

NOTE Confidence: 0.924789576

00:57:43.268 --> 00:57:45.700 We would do ever so much better.

NOTE Confidence: 0.924789576

00:57:45.700 --> 00:57:47.122 In terms of clinical care, Greg,

NOTE Confidence: 0.924789576

00:57:47.122 --> 00:57:49.096 you brought that up and you did.

NOTE Confidence: 0.924789576

00:57:49.100 --> 00:57:50.618 In terms of research as well,

NOTE Confidence: 0.924789576

00:57:50.620 --> 00:57:51.928 it's it's really key.

NOTE Confidence: 0.858143807142857

00:57:53.570 --> 00:57:55.705 I devoted the epilogue of my chapter

NOTE Confidence: 0.858143807142857

00:57:55.705 --> 00:57:58.768 in the book to exactly this point, and.

NOTE Confidence: 0.858143807142857

00:57:58.768 --> 00:58:03.066 I don't think as a liberal from the

NOTE Confidence: 0.858143807142857

00:58:03.066 --> 00:58:05.587 60s I thought we had made a lot

NOTE Confidence: 0.858143807142857

00:58:05.587 --> 00:58:08.006 more progress than we had in racial

NOTE Confidence: 0.858143807142857

00:58:08.006 --> 00:58:10.652 and equity and as a cancer patient,

NOTE Confidence: 0.858143807142857

00:58:10.660 --> 00:58:13.020 and I realize how fortunate I have been.

NOTE Confidence: 0.858143807142857

00:58:13.020 --> 00:58:15.350 I really understand now how

NOTE Confidence: 0.858143807142857

00:58:15.350 --> 00:58:17.214 little progress we've made.

NOTE Confidence: 0.858143807142857

00:58:17.220 --> 00:58:19.839 It is the most important thing we can do.

NOTE Confidence: 0.858143807142857

00:58:19.840 --> 00:58:22.031 One small example, the head of the

NOTE Confidence: 0.858143807142857

00:58:22.031 --> 00:58:23.340 national Minority Quality Forum,

NOTE Confidence: 0.858143807142857

00:58:23.340 --> 00:58:25.612 was told by CMS that he could not

NOTE Confidence: 0.858143807142857

00:58:25.612 --> 00:58:27.568 have access to all the Medicare

NOTE Confidence: 0.858143807142857

00:58:27.568 --> 00:58:29.218 data like other people can.

NOTE Confidence: 0.858143807142857

00:58:29.220 --> 00:58:31.844 Only 20% of it and he told them

NOTE Confidence: 0.858143807142857

00:58:31.844 --> 00:58:34.628 I can't do a study of racial

NOTE Confidence: 0.858143807142857

00:58:34.628 --> 00:58:36.683 inequities on 20% of Medicare.

NOTE Confidence: 0.858143807142857

00:58:36.683 --> 00:58:38.738 It won't show up because

NOTE Confidence: 0.858143807142857

00:58:38.738 --> 00:58:41.407 it's so small in that sample.

NOTE Confidence: 0.858143807142857

00:58:41.410 --> 00:58:43.405 So my friends and I raced into

NOTE Confidence: 0.858143807142857

00:58:43.405 --> 00:58:45.596 action to give him access to all

NOTE Confidence: 0.858143807142857

00:58:45.596 --> 00:58:47.498 of the Medicare data other ways,

NOTE Confidence: 0.858143807142857

00:58:47.500 --> 00:58:50.685 but this is an example of unthinking

NOTE Confidence: 0.858143807142857

00:58:50.685 --> 00:58:52.656 discrimination of unintended discrimination

NOTE Confidence: 0.858143807142857

00:58:52.656 --> 00:58:55.836 that has the effect of discrimination.

NOTE Confidence: 0.895968333571428

00:58:57.210 --> 00:58:59.070 Thanks Charlie, I just wanna give

NOTE Confidence: 0.895968333571428

00:58:59.070 --> 00:59:01.389 you a chance to sort of wrap up.

NOTE Confidence: 0.846856696666667

00:59:02.120 --> 00:59:04.550 Eric, I really appreciate you giving

NOTE Confidence: 0.846856696666667

00:59:04.550 --> 00:59:06.960 us the opportunity to share the

NOTE Confidence: 0.846856696666667

00:59:06.960 --> 00:59:09.108 book and thanks to the authors.

NOTE Confidence: 0.846856696666667

00:59:09.110 --> 00:59:11.518 I mean frankly, hearing from me should

NOTE Confidence: 0.846856696666667

00:59:11.518 --> 00:59:14.440 view is really inspiring and I frankly

NOTE Confidence: 0.846856696666667

00:59:14.440 --> 00:59:16.715 really appreciate the opportunity to

NOTE Confidence: 0.846856696666667

00:59:16.715 --> 00:59:18.815 reconnect with all my friends and

NOTE Confidence: 0.846856696666667

00:59:18.815 --> 00:59:21.540 colleagues at at Yale and Smilow several,

NOTE Confidence: 0.846856696666667

00:59:21.540 --> 00:59:24.876 or have been texting me during the session.

NOTE Confidence: 0.846856696666667

00:59:24.880 --> 00:59:27.134 I've been paying close attention, by the way,

NOTE Confidence: 0.846856696666667

00:59:27.134 --> 00:59:29.600 but it's still great to connect and Eric,

NOTE Confidence: 0.846856696666667

00:59:29.600 --> 00:59:32.428 I just want to say how fortunate.

NOTE Confidence: 0.846856696666667

00:59:32.430 --> 00:59:36.010 Yeah, and smile OR to have you as a leader.

NOTE Confidence: 0.846856696666667

00:59:36.010 --> 00:59:38.164 So looking forward to great things

NOTE Confidence: 0.846856696666667

00:59:38.164 --> 00:59:40.587 from you and all the amazing

NOTE Confidence: 0.846856696666667

00:59:40.587 --> 00:59:42.415 people at the institutions.

NOTE Confidence: 0.912652445

00:59:43.270 --> 00:59:46.174 We all just do our best well listen,

NOTE Confidence: 0.912652445

00:59:46.180 --> 00:59:47.503 thank you all.

NOTE Confidence: 0.912652445

00:59:47.503 --> 00:59:49.708 It was really great today.

NOTE Confidence: 0.912652445

00:59:49.710 --> 00:59:50.754 I think this was again as

NOTE Confidence: 0.912652445

00:59:50.754 --> 00:59:51.950 I said in the beginning,

NOTE Confidence: 0.912652445

00:59:51.950 --> 00:59:53.174 something a little different

NOTE Confidence: 0.912652445

00:59:53.174 --> 00:59:55.010 and I hope people enjoyed it.

NOTE Confidence: 0.912652445

00:59:55.010 --> 00:59:56.690 And thanks to the audience

NOTE Confidence: 0.912652445

00:59:56.690 --> 00:59:58.630 for spending the time with us.

NOTE Confidence: 0.912652445

00:59:58.630 --> 00:59:59.100 Bye bye.

NOTE Confidence: 0.718561976666667

01:00:04.780 --> 01:00:04.999 Eric, thanks so.