WEBVTT

NOTE duration:"00:59:50.0160000"

NOTE language:en-us

NOTE Confidence: 0.843429863452911

 $00:00:00.000 \rightarrow 00:00:04.322$  And what an as as folks are logging in.

NOTE Confidence: 0.843429863452911

00:00:04.322 --> 00:00:06.294 Wanna welcome everyone again

NOTE Confidence: 0.843429863452911

 $00:00:06.294 \longrightarrow 00:00:08.849$  to Kansas in a grand rounds.

NOTE Confidence: 0.843429863452911

 $00:00:08.850 \longrightarrow 00:00:11.170$  The theme for today is

NOTE Confidence: 0.843429863452911

00:00:11.170 --> 00:00:13.480 an important one, namely global

NOTE Confidence: 0.843429863452911

00:00:13.480 --> 00:00:15.805 on kologie and obviously the our

NOTE Confidence: 0.843429863452911

 $00:00:15.805 \rightarrow 00:00:18.122$  attention has been particularly drawn

NOTE Confidence: 0.843429863452911

 $00:00:18.122 \rightarrow 00:00:21.369$  this year to the public health crisis.

NOTE Confidence: 0.843429863452911

 $00{:}00{:}21.370 \dashrightarrow 00{:}00{:}24.620$  That's the kovid pandemic. But as many

NOTE Confidence: 0.843429863452911

 $00:00:24.620 \rightarrow 00:00:28.140$  know really over the past several years.

NOTE Confidence: 0.843429863452911

 $00{:}00{:}28.140 \dashrightarrow 00{:}00{:}30.502$  The National Cancer Institute.

NOTE Confidence: 0.843429863452911

 $00:00:30.502 \dashrightarrow 00:00:32.678$  The World Health Organization.

NOTE Confidence: 0.843429863452911

 $00:00:32.680 \rightarrow 00:00:35.700$  The American side of conchology ACR,

NOTE Confidence: 0.843429863452911

 $00:00:35.700 \rightarrow 00:00:38.209$  among others, have really increasingly

 $00:00:38.210 \rightarrow 00:00:41.730$  wanted us to emphasize elements of our

NOTE Confidence: 0.833768367767334

 $00:00:41.730 \longrightarrow 00:00:44.253$  work on the global needs.

NOTE Confidence: 0.833768367767334

 $00{:}00{:}44.253 \dashrightarrow 00{:}00{:}46.760$  An global on cology Ann, and

NOTE Confidence: 0.833768367767334

 $00:00:46.760 \longrightarrow 00:00:49.280$  so it's really my privilege

NOTE Confidence: 0.82716961701711

 $00{:}00{:}49.280 \dashrightarrow 00{:}00{:}51.056$  to introduce the introducer.

NOTE Confidence: 0.82716961701711

 $00:00:51.056 \rightarrow 00:00:54.264$  For today's session I've I've had the

NOTE Confidence: 0.82716961701711

 $00:00:54.264 \rightarrow 00:00:56.448$  privilege actually of working with

NOTE Confidence: 0.82716961701711

00:00:56.448 --> 00:00:58.588 Donna Spiegelman for many decades.

NOTE Confidence: 0.82716961701711

00:00:58.590 --> 00:01:01.156 I guess Don, as you know,

NOTE Confidence: 0.82716961701711

 $00:01:01.156 \longrightarrow 00:01:02.870$  is the Susan Dwight

NOTE Confidence: 0.823870241641998

00:01:02.870 --> 00:01:04.578 Bliss professor by statistics,

NOTE Confidence: 0.823870241641998

00:01:04.578 --> 00:01:05.859 the director for

NOTE Confidence: 0.823870241641998

 $00{:}01{:}05.860 \dashrightarrow 00{:}01{:}07.995$  the Center of Methods and

NOTE Confidence: 0.823870241641998

 $00{:}01{:}07{.}995 \dashrightarrow 00{:}01{:}09{.}703$  Implementation and Prevention Science,

NOTE Confidence: 0.823870241641998

 $00{:}01{:}09{.}710 \dashrightarrow 00{:}01{:}11.855$  the director of the Interdisciplinary

 $00:01:11.855 \dashrightarrow 00:01:14.422$  Research Methods Core for the Center

NOTE Confidence: 0.823870241641998

00:01:14.422 $\operatorname{-->}$ 00:01:16.126 for Interdisciplinary Research on

NOTE Confidence: 0.823870241641998

 $00:01:16.130 \rightarrow 00:01:18.698$  AIDS, and particularly relevant to today.

NOTE Confidence: 0.823870241641998

 $00:01:18.700 \dashrightarrow 00:01:20.840$  The Assistant Cancer Center director

NOTE Confidence: 0.823870241641998

00:01:20.840 --> 00:01:22.950 for global oncology, Dana has.

NOTE Confidence: 0.823870241641998

 $00{:}01{:}22.950 \dashrightarrow 00{:}01{:}24.110$  Legions of accomplishments,

NOTE Confidence: 0.823870241641998

 $00{:}01{:}24.110 \dashrightarrow 00{:}01{:}26.356$  but they include her or productive

NOTE Confidence: 0.823870241641998

 $00:01:26.356 \longrightarrow 00:01:27.852$  work and global ecology,

NOTE Confidence: 0.823870241641998

 $00{:}01{:}27.852 \dashrightarrow 00{:}01{:}30.470$  and I'll turn it over to Donna

NOTE Confidence: 0.823870241641998

 $00:01:30.470 \longrightarrow 00:01:31.966$  to introduce today's speaker.

NOTE Confidence: 0.875739336013794

 $00{:}01{:}32.750 \dashrightarrow 00{:}01{:}35.180$  Thanks so much Charlie and indeed

NOTE Confidence: 0.875739336013794

 $00:01:35.180 \longrightarrow 00:01:37.963$  it's been a pleasure working with you

NOTE Confidence: 0.875739336013794

 $00{:}01{:}37{.}963 \dashrightarrow 00{:}01{:}40{.}940$  both at Harvard and now here at Yale.

NOTE Confidence: 0.875739336013794

 $00{:}01{:}40{.}940 \dashrightarrow 00{:}01{:}43{.}222$  And thank you so much for supporting

NOTE Confidence: 0.875739336013794

 $00:01:43.222 \rightarrow 00:01:45.058$  my work and interest through

NOTE Confidence: 0.875739336013794

 $00{:}01{:}45{.}058 \dashrightarrow 00{:}01{:}47{.}422$  connecting me to the Cancer Center

- NOTE Confidence: 0.875739336013794
- $00:01:47.422 \rightarrow 00:01:49.908$  in the global oncology program.
- NOTE Confidence: 0.875739336013794
- $00:01:49.910 \dashrightarrow 00:01:53.030$  This is our 2nd of this academic years.
- NOTE Confidence: 0.875739336013794
- $00:01:53.030 \dashrightarrow 00:01:55.518$  Yale Cancer Center grounds.
- NOTE Confidence: 0.875739336013794
- 00:01:55.518 --> 00:01:59.250 I'm global Oncologix our first one.
- NOTE Confidence: 0.875739336013794
- $00{:}01{:}59{.}250 \dashrightarrow 00{:}02{:}02{.}157$  We had an in person this pre covid Dr
- NOTE Confidence: 0.875739336013794
- $00:02:02.157 \dashrightarrow 00:02:05.337$  Jorge Sam around from Unum universe
- NOTE Confidence: 0.875739336013794
- 00:02:05.337 --> 00:02:07.005 National University Autonomous
- NOTE Confidence: 0.875739336013794
- $00:02:07.005 \dashrightarrow 00:02:09.967$  University of Mexico City and the
- NOTE Confidence: 0.875739336013794
- $00{:}02{:}09{.}967 \dashrightarrow 00{:}02{:}12.625$  National Institute of Health of Mexico.
- NOTE Confidence: 0.875739336013794
- $00:02:12.630 \dashrightarrow 00:02:15.534$  Who has been doing work for many many
- NOTE Confidence: 0.875739336013794
- $00:02:15.534 \rightarrow 00:02:18.525$  years on cervical cancer prevention and
- NOTE Confidence: 0.875739336013794
- $00:02:18.525 \rightarrow 00:02:21.795$  screening and we're continuing to work
- NOTE Confidence: 0.875739336013794
- $00:02:21.879 \rightarrow 00:02:25.119$  with him along with colleagues in a pool.
- NOTE Confidence: 0.875739336013794
- 00:02:25.120 --> 00:02:26.908 Today we're very pleased
- NOTE Confidence: 0.875739336013794
- $00:02:26.908 \rightarrow 00:02:29.590$  to get a very big picture.
- NOTE Confidence: 0.875739336013794

 $00:02:29.590 \longrightarrow 00:02:30.673$  Type of you,

NOTE Confidence: 0.875739336013794

00:02:30.673 --> 00:02:32.478 which I'm really excited about

NOTE Confidence: 0.875739336013794

00:02:32.478 --> 00:02:34.639 by having our guest Doug Pyle,

NOTE Confidence: 0.875739336013794

 $00:02:34.640 \rightarrow 00:02:36.518$  who unfortunately we can wine and

NOTE Confidence: 0.875739336013794

 $00:02:36.518 \rightarrow 00:02:38.620$  dine except in our imaginations.

NOTE Confidence: 0.875739336013794

 $00{:}02{:}38{.}620 \dashrightarrow 00{:}02{:}40{.}930$  But we're so happy to have him

NOTE Confidence: 0.875739336013794

 $00:02:40.930 \longrightarrow 00:02:42.950$  today for this zoom seminar.

NOTE Confidence: 0.875739336013794

 $00{:}02{:}42.950 \dashrightarrow 00{:}02{:}45.008$  He's the vice president of International

NOTE Confidence: 0.875739336013794

 $00{:}02{:}45{.}008 \dashrightarrow 00{:}02{:}47{.}220$  Affairs at the American Society of

NOTE Confidence: 0.875739336013794

00:02:47.220 --> 00:02:49.128 Clinical Oncology, well known as ASCO,

NOTE Confidence: 0.875739336013794

 $00{:}02{:}49{.}128 \dashrightarrow 00{:}02{:}51{.}852$  and each of us today for a discussion

NOTE Confidence: 0.875739336013794

 $00:02:51.852 \rightarrow 00:02:53.776$  centered around global oncology.

NOTE Confidence: 0.875739336013794

 $00:02:53.780 \dashrightarrow 00:02:55.688$  He graduated with his MBA from

NOTE Confidence: 0.875739336013794

 $00{:}02{:}55{.}688 \dashrightarrow 00{:}02{:}57{.}750$  the Yale School of Management.

NOTE Confidence: 0.875739336013794

 $00:02:57.750 \dashrightarrow 00:02:59.928$  We also found out this morning

NOTE Confidence: 0.875739336013794

 $00:02:59.928 \rightarrow 00:03:01.380$  at a very early.

- NOTE Confidence: 0.875739336013794
- $00:03:01.380 \longrightarrow 00:03:02.505$  Meeting morning call.
- NOTE Confidence: 0.875739336013794
- 00:03:02.505 00:03:05.750 He was so kind to have with myself,
- NOTE Confidence: 0.875739336013794
- 00:03:05.750 --> 00:03:08.126 Melinda Irwin and Marcella Nunez Smith,
- NOTE Confidence: 0.875739336013794
- $00:03:08.130 \dashrightarrow 00:03:10.632$  also leading various related efforts with
- NOTE Confidence: 0.875739336013794
- $00{:}03{:}10.632 \dashrightarrow 00{:}03{:}13.849$  the El Cancer Center that his wife did
- NOTE Confidence: 0.875739336013794
- $00:03:13.849 \rightarrow 00:03:16.069$  her pediatric residency here at Yale,
- NOTE Confidence: 0.875739336013794
- $00:03:16.070 \longrightarrow 00:03:17.177$  so New Haven,
- NOTE Confidence: 0.875739336013794
- 00:03:17.177 -> 00:03:19.022 Yale is something he's part
- NOTE Confidence: 0.875739336013794
- $00:03:19.022 \longrightarrow 00:03:21.230$  of our community as well.
- NOTE Confidence: 0.875739336013794
- 00:03:21.230 --> 00:03:23.220 And after Yale School management,
- NOTE Confidence: 0.875739336013794
- $00:03:23.220 \longrightarrow 00:03:26.419$  he went on to become Director of
- NOTE Confidence: 0.875739336013794
- 00:03:26.419 --> 00:03:27.790 Business Solutions International
- NOTE Confidence: 0.875739336013794
- $00{:}03{:}27.860 \dashrightarrow 00{:}03{:}29.755$  Services for the American Red
- NOTE Confidence: 0.875739336013794
- 00:03:29.755 --> 00:03:32.360 Cross and then joined as Co in 20.
- NOTE Confidence: 0.875739336013794
- $00:03:32.360 \longrightarrow 00:03:34.450$  Seven he is responsible for
- NOTE Confidence: 0.875739336013794

 $00:03:34.450 \rightarrow 00:03:36.122$  directing its international programs.

NOTE Confidence: 0.875739336013794

 $00:03:36.130 \longrightarrow 00:03:37.965$  An invite advising the society

NOTE Confidence: 0.875739336013794

00:03:37.965 --> 00:03:40.860 on the needs and interests of its

NOTE Confidence: 0.875739336013794

 $00:03:40.860 \longrightarrow 00:03:42.836$  international members and constituents.

NOTE Confidence: 0.875739336013794

 $00{:}03{:}42.840 \dashrightarrow 00{:}03{:}46.160$  He has more than 25 years of experience

NOTE Confidence: 0.875739336013794

 $00:03:46.160 \rightarrow 00:03:48.700$  in international affairs in the public,

NOTE Confidence: 0.875739336013794

 $00:03:48.700 \rightarrow 00:03:51.310$  nonprofit in corporate center sectors.

NOTE Confidence: 0.875739336013794

 $00:03:51.310 \rightarrow 00:03:53.698$  Um earlier earlier in his career,

NOTE Confidence: 0.875739336013794

00:03:53.700 --> 00:03:56.059 he was the vice President and Chief

NOTE Confidence: 0.875739336013794

00:03:56.059 --> 00:03:58.611 Operating Officer for the Center for NOTE Confidence: 0.875739336013794

00:03:58.611 --> 00:04:00.090 International Rehab<br/> Rehabilitation.

NOTE Confidence: 0.875739336013794

00:04:00.090 --> 00:04:02.265 The manager for strategic planning

NOTE Confidence: 0.875739336013794

 $00{:}04{:}02{.}265 \dashrightarrow 00{:}04{:}04{.}440$  and business development for the

NOTE Confidence: 0.875739336013794

00:04:04.510 --> 00:04:06.070 US sub Spirit City Area,

NOTE Confidence: 0.875739336013794

 $00:04:06.070 \rightarrow 00:04:07.955$  East Side and administered technical

NOTE Confidence: 0.875739336013794

 $00:04:07.955 \rightarrow 00:04:10.332$  assistance projects funded by the US

- NOTE Confidence: 0.875739336013794
- 00:04:10.332 --> 00:04:12.056 Agency for International Development,
- NOTE Confidence: 0.875739336013794
- 00:04:12.060 -> 00:04:12.670 USA, ID.
- NOTE Confidence: 0.875739336013794
- 00:04:12.670 --> 00:04:14.500 Today's talk is Co sponsored by
- NOTE Confidence: 0.875739336013794
- 00:04:14.500 --> 00:04:17.046 the El School Public Health Center
- NOTE Confidence: 0.875739336013794
- $00{:}04{:}17.046 \dashrightarrow 00{:}04{:}18.914$  for Methods and Implementation
- NOTE Confidence: 0.875739336013794
- $00:04:18.914 \longrightarrow 00:04:20.440$  in prevention science.
- NOTE Confidence: 0.875739336013794
- 00:04:20.440 --> 00:04:21.256 See Maps,
- NOTE Confidence: 0.875739336013794
- $00:04:21.256 \longrightarrow 00:04:22.480$  which I lead.
- NOTE Confidence: 0.875739336013794
- 00:04:22.480 --> 00:04:24.937 And I'm very excited to turn things
- NOTE Confidence: 0.875739336013794
- 00:04:24.937 --> 00:04:27.588 over to Doug to let the audience
- NOTE Confidence: 0.875739336013794
- 00:04:27.588 --> 00:04:29.488 know you can write questions
- NOTE Confidence: 0.875739336013794
- $00{:}04{:}29{.}488 \dashrightarrow 00{:}04{:}31{.}779$  and comments in the chat box.
- NOTE Confidence: 0.875739336013794
- $00:04:31.780 \longrightarrow 00:04:34.454$  I'm not sure if it's possible to
- NOTE Confidence: 0.875739336013794
- 00:04:34.454 --> 00:04:36.620 actually activate so you can talk,
- NOTE Confidence: 0.875739336013794
- $00{:}04{:}36{.}620 \dashrightarrow 00{:}04{:}38{.}986$  but Charlie and I are both monitoring
- NOTE Confidence: 0.875739336013794

 $00:04:38.986 \longrightarrow 00:04:41.637$  the chat box and we welcome your

NOTE Confidence: 0.875739336013794

 $00{:}04{:}41.637 \dashrightarrow 00{:}04{:}43.989$  comments and we will potentially check

NOTE Confidence: 0.875739336013794

 $00:04:44.060 \dashrightarrow 00:04:46.664$  in with Doug at suitable times to

NOTE Confidence: 0.875739336013794

 $00:04:46.664 \rightarrow 00:04:48.564$  inject your questions and comments.

NOTE Confidence: 0.875739336013794

 $00:04:48.564 \dashrightarrow 00:04:50.524$  And presumably they'll be some

NOTE Confidence: 0.875739336013794

 $00:04:50.524 \rightarrow 00:04:52.912$  time at the end as well, so.

NOTE Confidence: 0.875739336013794

00:04:52.912 --> 00:04:54.120 Thank you very much,

NOTE Confidence: 0.833610534667969

00:04:54.120 --> 00:04:55.996 Doug. We're looking forward to your talk.

NOTE Confidence: 0.83514004945755

 $00{:}04{:}56{.}910 \dashrightarrow 00{:}04{:}58{.}446$  Now this is great.

NOTE Confidence: 0.83514004945755

 $00:04:58.446 \rightarrow 00:05:01.209$  I've been really looking forward to this

NOTE Confidence: 0.83514004945755

 $00{:}05{:}01{.}209 \dashrightarrow 00{:}05{:}03{.}883$  and thanks so much for the invitation.

NOTE Confidence: 0.83514004945755

00:05:03.890 --> 00:05:06.994 I'm delighted to talk on. Yeah, I agree.

NOTE Confidence: 0.83514004945755

00:05:06.994 --> 00:05:08.835 Important topic, just real quick.

NOTE Confidence: 0.83514004945755

00:05:08.835 --> 00:05:11.320 My also I don't know if you

NOTE Confidence: 0.83514004945755

 $00{:}05{:}11.407 \dashrightarrow 00{:}05{:}13.587$  can see but I'm channeling.

NOTE Confidence: 0.83514004945755

 $00:05:13.590 \longrightarrow 00:05:14.793$  It's blocked out.

00:05:14.793 --> 00:05:17.199 I'm channeling my New Haven by

NOTE Confidence: 0.83514004945755

00:05:17.199 --> 00:05:19.799 having my 1990s era Doodle mug here.

NOTE Confidence: 0.83514004945755

 $00:05:19.800 \rightarrow 00:05:22.736$  So your first see me question is how

NOTE Confidence: 0.83514004945755

 $00:05:22.736 \rightarrow 00:05:25.969$  many of you know what the Yankee Doodle

NOTE Confidence: 0.83514004945755

 $00:05:25.969 \rightarrow 00:05:29.904$  Diner was in the wave in which I guess, is?

NOTE Confidence: 0.83514004945755

00:05:29.904 --> 00:05:30.712 Since closed,

NOTE Confidence: 0.83514004945755

 $00{:}05{:}30{.}712 \dashrightarrow 00{:}05{:}34{.}460$  I had to I had to look that up.

NOTE Confidence: 0.83514004945755

 $00:05:34.460 \longrightarrow 00:05:36.182$  But glad to be here and dive

NOTE Confidence: 0.83514004945755

 $00:05:36.182 \longrightarrow 00:05:38.099$  right in so Donna and Charlie,

NOTE Confidence: 0.83514004945755

00:05:38.100 --> 00:05:39.804 yet let me know what kind

NOTE Confidence: 0.83514004945755

 $00:05:39.804 \rightarrow 00:05:41.180$  of questions are coming up.

NOTE Confidence: 0.83514004945755

 $00:05:41.180 \dashrightarrow 00:05:43.980$  And also let me know how I'm doing on timing.

NOTE Confidence: 0.83514004945755

 $00:05:43.980 \dashrightarrow 00:05:46.500$  I got a lot of stuff to go through.

NOTE Confidence: 0.83514004945755

 $00{:}05{:}46{.}500 \dashrightarrow 00{:}05{:}48{.}372$  We want to make sure that we have

NOTE Confidence: 0.83514004945755

 $00{:}05{:}48.372 \dashrightarrow 00{:}05{:}49.716$  plenty of time for discussion

 $00{:}05{:}49{.}716 \dashrightarrow 00{:}05{:}52{.}003$  'cause I want to hear what the Yale

NOTE Confidence: 0.83514004945755

 $00{:}05{:}52{.}003 \dashrightarrow 00{:}05{:}53{.}929$  Community thinks about some of these

NOTE Confidence: 0.83514004945755

 $00:05:53.929 \rightarrow 00:05:55.935$  themes were going to talk about.

NOTE Confidence: 0.83514004945755

00:05:55.935 --> 00:05:56.970 You're my dispute.

NOTE Confidence: 0.83514004945755

00:05:56.970 --> 00:05:57.760 I'm sorry

NOTE Confidence: 0.808524370193481

 $00{:}05{:}57.760 \dashrightarrow 00{:}06{:}00{.}904$  I said OK, I'll keep an eye on

NOTE Confidence: 0.808524370193481

 $00:06:00.910 \rightarrow 00:06:03.241$  the time for you Doug great thank

NOTE Confidence: 0.808524370193481

 $00:06:03.241 \dashrightarrow 00:06:06.030$  you so no conflicts to disclose.

NOTE Confidence: 0.808524370193481

 $00:06:06.030 \dashrightarrow 00:06:08.400$  So here are my learning objectives.

NOTE Confidence: 0.808524370193481

 $00:06:08.400 \rightarrow 00:06:10.365$  Give you talking bout the

NOTE Confidence: 0.808524370193481

 $00{:}06{:}10.365 \dashrightarrow 00{:}06{:}11.937$  overall global cancer trends,

NOTE Confidence: 0.808524370193481

 $00{:}06{:}11{.}940 \dashrightarrow 00{:}06{:}15{.}315$  mainly in the context of the rise of non

NOTE Confidence: 0.808524370193481

00:06:15.315 --> 00:06:17.468 communicable diseases or NCD's primary

NOTE Confidence: 0.808524370193481

00:06:17.468 --> 00:06:20.800 primarily in low and middle income countries.

NOTE Confidence: 0.808524370193481

00:06:20.800 --> 00:06:24.055 I'm gonna talk about Ask's overall strategy

NOTE Confidence: 0.808524370193481

 $00:06:24.055 \dashrightarrow 00:06:27.578$  and programs to help address these trends.

 $00{:}06{:}27.580 \dashrightarrow 00{:}06{:}30.694$  Then I'm going to get him to the impact

NOTE Confidence: 0.808524370193481

 $00{:}06{:}30{.}694 \dashrightarrow 00{:}06{:}33{.}647$  of the pandemic on Askos response and

NOTE Confidence: 0.808524370193481

 $00:06:33.647 \rightarrow 00:06:36.900$  what are some of the silver lining?

NOTE Confidence: 0.808524370193481

 $00:06:36.900 \rightarrow 00:06:39.432$  Some of the opportunities for innovation

NOTE Confidence: 0.808524370193481

 $00:06:39.432 \rightarrow 00:06:41.934$  that we discovered during this time

NOTE Confidence: 0.808524370193481

 $00{:}06{:}41{.}934 \dashrightarrow 00{:}06{:}44{.}184$  and then looking beyond the pandemic.

NOTE Confidence: 0.808524370193481

00:06:44.190 --> 00:06:46.240 Looking at reviewing Ask's position

NOTE Confidence: 0.808524370193481

 $00:06:46.240 \longrightarrow 00:06:49.134$  on the future of global on College

NOTE Confidence: 0.808524370193481

00:06:49.134 --> 00:06:51.069 B as an academic discipline.

NOTE Confidence: 0.808524370193481

 $00:06:51.070 \rightarrow 00:06:52.435$  Why that's important.

NOTE Confidence: 0.808524370193481

 $00:06:52.435 \rightarrow 00:06:55.165$  And as goes role in supporting

NOTE Confidence: 0.808524370193481

00:06:55.165 --> 00:06:56.982 Cleveland Cology So first,

NOTE Confidence: 0.808524370193481

 $00:06:56.982 \rightarrow 00:06:59.508$  starting with the global picture here.

NOTE Confidence: 0.808524370193481

 $00{:}06{:}59{.}510 \dashrightarrow 00{:}07{:}02{.}352$  So I'd like to start actually with

NOTE Confidence: 0.808524370193481

 $00:07:02.352 \dashrightarrow 00:07:04.978$  the global burden of Disease Study,

 $00{:}07{:}04.980 \dashrightarrow 00{:}07{:}07{.}470$  a landmark study that was published

NOTE Confidence: 0.808524370193481

 $00{:}07{:}07{.}470 \dashrightarrow 00{:}07{:}09{.}610$  in The Lancet in 2012.

NOTE Confidence: 0.808524370193481

 $00:07:09.610 \rightarrow 00:07:11.500$  The really documented this global

NOTE Confidence: 0.808524370193481

 $00{:}07{:}11.500 \dashrightarrow 00{:}07{:}13.947$  health shift from child and maternal

NOTE Confidence: 0.808524370193481

 $00{:}07{:}13.947 \dashrightarrow 00{:}07{:}15.927$  health and infectious diseases,

NOTE Confidence: 0.808524370193481

00:07:15.930 --> 00:07:17.526 which is, I think,

NOTE Confidence: 0.808524370193481

00:07:17.526 --> 00:07:20.560 how most people think of global health.

NOTE Confidence: 0.808524370193481

 $00:07:20.560 \rightarrow 00:07:23.507$  Two non communicable diseases or N CDs,

NOTE Confidence: 0.808524370193481

 $00{:}07{:}23.510 \dashrightarrow 00{:}07{:}24.430$  including cancer.

NOTE Confidence: 0.808524370193481

 $00:07:24.430 \longrightarrow 00:07:28.110$  And so you can see this shift here,

NOTE Confidence: 0.808524370193481

 $00:07:28.110 \longrightarrow 00:07:30.924$  just kind of comparing these two columns.

NOTE Confidence: 0.808524370193481

 $00:07:30.930 \longrightarrow 00:07:34.442$  1990 and 2010 and looking at the main

NOTE Confidence: 0.808524370193481

00:07:34.442 --> 00:07:37.430 risk factors for disease in in 2010,

NOTE Confidence: 0.808524370193481

 $00{:}07{:}37{.}430 \dashrightarrow 00{:}07{:}39{.}932$  these are the top risk factors

NOTE Confidence: 0.808524370193481

 $00{:}07{:}39{.}932 \dashrightarrow 00{:}07{:}42{.}619$  an all of them relate to.

NOTE Confidence: 0.808524370193481

 $00{:}07{:}42.620 \dashrightarrow 00{:}07{:}43.227$  NCD's.

- NOTE Confidence: 0.808524370193481
- $00:07:43.227 \longrightarrow 00:07:46.869$  Most of them relate to cancer.
- NOTE Confidence: 0.808524370193481
- $00{:}07{:}46.870 \dashrightarrow 00{:}07{:}49.166$  So is in this context that ASCO
- NOTE Confidence: 0.808524370193481
- 00:07:49.166 --> 00:07:51.379 came together with a host of
- NOTE Confidence: 0.808524370193481
- $00:07:51.379 \rightarrow 00:07:52.919$  organizations around the world,
- NOTE Confidence: 0.808524370193481
- $00:07:52.920 \longrightarrow 00:07:54.300$  not only in cancer,
- NOTE Confidence: 0.808524370193481
- $00{:}07{:}54.300 \dashrightarrow 00{:}07{:}56.827$  but we partnered with our friends at
- NOTE Confidence: 0.808524370193481
- $00{:}07{:}56.827 \dashrightarrow 00{:}07{:}58.777$  cardiology and across other societies
- NOTE Confidence: 0.808524370193481
- $00:07:58.777 \rightarrow 00:08:01.047$  to really press for the importance
- NOTE Confidence: 0.808524370193481
- $00:08:01.047 \dashrightarrow 00:08:03.599$  of a UN high level meeting on CDs.
- NOTE Confidence: 0.808524370193481
- $00:08:03.600 \rightarrow 00:08:05.380$  So why is this important?
- NOTE Confidence: 0.808524370193481
- $00:08:05.380 \longrightarrow 00:08:08.240$  So the UN at the time at only held one
- NOTE Confidence: 0.808524370193481
- $00:08:08.322 \rightarrow 00:08:11.010$  other high level meeting on a health
- NOTE Confidence: 0.808524370193481
- $00:08:11.010 \rightarrow 00:08:14.279$  topic and that was during the AIDS crisis.
- NOTE Confidence: 0.808524370193481
- $00{:}08{:}14.280 \dashrightarrow 00{:}08{:}16.800$  So that gives you a sense of the
- NOTE Confidence: 0.808524370193481
- $00{:}08{:}16.800 \dashrightarrow 00{:}08{:}19.279$  importance of these high level meetings.
- NOTE Confidence: 0.808524370193481

 $00:08:19.280 \longrightarrow 00:08:22.360$  And invite the meeting was held in 2011.

NOTE Confidence: 0.808524370193481

 $00{:}08{:}22{.}360 \dashrightarrow 00{:}08{:}24{.}971$  The world came together and the reason

NOTE Confidence: 0.808524370193481

 $00{:}08{:}24{.}971 \dashrightarrow 00{:}08{:}27{.}347$  I'm pointing this out is because

NOTE Confidence: 0.808524370193481

 $00:08:27.347 \longrightarrow 00:08:29.317$  this was a transformative moment

NOTE Confidence: 0.808524370193481

 $00{:}08{:}29{.}317 \dashrightarrow 00{:}08{:}31{.}290$  when cancer was really recognized

NOTE Confidence: 0.808524370193481

00:08:31.290 --> 00:08:33.901 as a global health priority is not

NOTE Confidence: 0.808524370193481

 $00:08:33.910 \longrightarrow 00:08:36.220$  only a disease of rich countries,

NOTE Confidence: 0.808524370193481

 $00:08:36.220 \rightarrow 00:08:38.677$  but really seen as a global health

NOTE Confidence: 0.808524370193481

 $00{:}08{:}38.677 \dashrightarrow 00{:}08{:}40.840$  issue along with other diseases,

NOTE Confidence: 0.808524370193481

 $00:08:40.840 \longrightarrow 00:08:43.150$  including in the NCD kind of

NOTE Confidence: 0.808524370193481

 $00:08:43.150 \longrightarrow 00:08:44.690$  framework in the world,

NOTE Confidence: 0.808524370193481

 $00:08:44.690 \dashrightarrow 00:08:47.434$  came together and it set a world target

NOTE Confidence: 0.808524370193481

 $00:08:47.434 \rightarrow 00:08:50.150$  to reduce overall NCD mortality rates.

NOTE Confidence: 0.808524370193481

 $00:08:50.150 \longrightarrow 00:08:56.066$  By 25% by 2025. So it's now 2020.

NOTE Confidence: 0.808524370193481

 $00:08:56.066 \rightarrow 00:08:58.578$  Anne, how are we doing?

NOTE Confidence: 0.808524370193481

00:08:58.578 --> 00:08:59.583 Well, unfortunately,

- NOTE Confidence: 0.808524370193481
- $00:08:59.583 \rightarrow 00:09:04.110$  the gains that we saw early on an NCD.
- NOTE Confidence: 0.808524370193481
- $00{:}09{:}04.110 \dashrightarrow 00{:}09{:}08.676$  Mortality rates reduction are slowing so.
- NOTE Confidence: 0.808524370193481
- $00:09:08.680 \rightarrow 00:09:13.648$  Up till 2010 to the reduction is about 1.6.
- NOTE Confidence: 0.808524370193481
- $00:09:13.650 \rightarrow 00:09:16.856$  Percent per year and that gave us
- NOTE Confidence: 0.808524370193481
- $00:09:16.856 \rightarrow 00:09:19.224$  optimism that 25% was achievable.
- NOTE Confidence: 0.808524370193481
- $00:09:19.224 \longrightarrow 00:09:22.206$  Since then it has been slow
- NOTE Confidence: 0.808524370193481
- $00:09:22.206 \longrightarrow 00:09:25.210$  to about little more than 1%.
- NOTE Confidence: 0.808524370193481
- $00:09:25.210 \longrightarrow 00:09:26.224$  Why is that?
- NOTE Confidence: 0.808524370193481
- 00:09:26.224 --> 00:09:26.562 Well,
- NOTE Confidence: 0.808524370193481
- $00:09:26.562 \rightarrow 00:09:30.060$  this could be a topic for hold another talk,
- NOTE Confidence: 0.808524370193481
- $00:09:30.060 \longrightarrow 00:09:32.298$  but in the factors are complex.
- NOTE Confidence: 0.832892000675201
- $00{:}09{:}32{.}300 \dashrightarrow 00{:}09{:}34{.}160$  One of them, of course,
- NOTE Confidence: 0.832892000675201
- $00:09:34.160 \dashrightarrow 00:09:37.160$  is that these this NCD burden is hitting
- NOTE Confidence: 0.832892000675201
- $00{:}09{:}37.160 \dashrightarrow 00{:}09{:}39.759$  countries that in fact are in transition.
- NOTE Confidence: 0.832892000675201
- $00:09:39.760 \longrightarrow 00:09:41.842$  So there are facing infectious diseases
- NOTE Confidence: 0.832892000675201

 $00{:}09{:}41.842 \dashrightarrow 00{:}09{:}44.944$  and they have a health system is calibrated

NOTE Confidence: 0.832892000675201

 $00{:}09{:}44{.}944 \dashrightarrow 00{:}09{:}47{.}410$  to address infectious diseases at the

NOTE Confidence: 0.832892000675201

 $00{:}09{:}47{.}473 \dashrightarrow 00{:}09{:}50{.}249$  same time they need to re calibrate their

NOTE Confidence: 0.832892000675201

 $00:09:50.249 \rightarrow 00:09:52.482$  health system to address the NCD's.

NOTE Confidence: 0.832892000675201

 $00{:}09{:}52.482 \dashrightarrow 00{:}09{:}55.480$  But one other dynamic I just want to.

NOTE Confidence: 0.832892000675201

 $00:09:55.480 \rightarrow 00:09:57.928$  Slide that is interesting is there

NOTE Confidence: 0.832892000675201

 $00{:}09{:}57{.}928 \dashrightarrow 00{:}10{:}01{.}608$  is a shift in the risk factor trends,

NOTE Confidence: 0.832892000675201

 $00:10:01.610 \longrightarrow 00:10:04.328$  so this is again WHO data.

NOTE Confidence: 0.832892000675201

 $00{:}10{:}04{.}330 \dashrightarrow 00{:}10{:}06{.}920$  And when we look at some of

NOTE Confidence: 0.832892000675201

00:10:06.920 --> 00:10:09.120 the risk factors France, DDS,

NOTE Confidence: 0.832892000675201

00:10:09.120 --> 00:10:11.580 so you see that alcohol consumption

NOTE Confidence: 0.832892000675201

 $00{:}10{:}11.580 \dashrightarrow 00{:}10{:}13.879$  has ticked up a little bit.

NOTE Confidence: 0.832892000675201

 $00:10:13.880 \longrightarrow 00:10:17.064$  Not too dramatic, but has risen a bit.

NOTE Confidence: 0.832892000675201

 $00{:}10{:}17{.}070 \dashrightarrow 00{:}10{:}19{.}055$  While it appears that to bacco

NOTE Confidence: 0.832892000675201

 $00:10:19.055 \rightarrow 00:10:20.246$  use is declining,

NOTE Confidence: 0.832892000675201

 $00:10:20.250 \rightarrow 00:10:23.426$  that rate of decline is starting to slow,

 $00:10:23.430 \longrightarrow 00:10:25.818$  which is concerning and then obesity.

NOTE Confidence: 0.832892000675201

00:10:25.820 --> 00:10:26.614 You know,

NOTE Confidence: 0.832892000675201

 $00:10:26.614 \rightarrow 00:10:30.200$  when we talk about cancer and other end CDs,

NOTE Confidence: 0.832892000675201

 $00:10:30.200 \rightarrow 00:10:32.986$  we don't talk very often about obesity.

NOTE Confidence: 0.832892000675201

 $00{:}10{:}32{.}990 \dashrightarrow 00{:}10{:}34{.}450$  But this is a.

NOTE Confidence: 0.832892000675201

 $00{:}10{:}34.450 \dashrightarrow 00{:}10{:}37.512$  Diet is changing and this is a growing

NOTE Confidence: 0.832892000675201

 $00:10:37.512 \rightarrow 00:10:41.150$  risk factor and you can see this not only.

NOTE Confidence: 0.832892000675201

 $00:10:41.150 \longrightarrow 00:10:43.550$  Globally, but in in regions that

NOTE Confidence: 0.832892000675201

 $00{:}10{:}43.550 \dashrightarrow 00{:}10{:}45.870$  you may not necessarily think of,

NOTE Confidence: 0.832892000675201

00:10:45.870 --> 00:10:47.830 such as the African region,

NOTE Confidence: 0.832892000675201

 $00{:}10{:}47.830 \dashrightarrow 00{:}10{:}50.539$  so these are shifts in risk factors

NOTE Confidence: 0.832892000675201

 $00:10:50.539 \longrightarrow 00:10:52.150$  that are driving this.

NOTE Confidence: 0.832892000675201

 $00{:}10{:}52.150 \dashrightarrow 00{:}10{:}54.074$  This change taken together.

NOTE Confidence: 0.832892000675201

 $00:10:54.074 \longrightarrow 00:10:55.517$  Cancer of course,

NOTE Confidence: 0.832892000675201

 $00{:}10{:}55{.}520 \dashrightarrow 00{:}10{:}57{.}124$  along with cardiov ascular diseases,

 $00:10:57.124 \longrightarrow 00:11:00.219$  are the number one killer in the world,

NOTE Confidence: 0.832892000675201

 $00{:}11{:}00{.}220 \dashrightarrow 00{:}11{:}02{.}175$  and it's projected to grow

NOTE Confidence: 0.832892000675201

00:11:02.175 --> 00:11:02.957 quite dramatically.

NOTE Confidence: 0.832892000675201

 $00:11:02.960 \rightarrow 00:11:06.038$  And most of this growth is going to be

NOTE Confidence: 0.832892000675201

 $00:11:06.038 \rightarrow 00:11:08.838$  hitting low and middle income countries,

NOTE Confidence: 0.832892000675201

 $00{:}11{:}08{.}840 \dashrightarrow 00{:}11{:}11{.}283$  so both in terms of new cases

NOTE Confidence: 0.832892000675201

 $00:11:11.283 \rightarrow 00:11:13.549$  of cancer and cancer deaths,

NOTE Confidence: 0.832892000675201

 $00:11:13.550 \rightarrow 00:11:15.797$  the bulk of that growth is going

NOTE Confidence: 0.832892000675201

00:11:15.797 --> 00:11:18.503 to be in the countries they can

NOTE Confidence: 0.832892000675201

 $00:11:18.503 \rightarrow 00:11:20.993$  least afford it and where it's

NOTE Confidence: 0.832892000675201

 $00:11:21.076 \rightarrow 00:11:23.346$  going to be most challenging.

NOTE Confidence: 0.832892000675201

 $00{:}11{:}23{.}350 \dashrightarrow 00{:}11{:}25{.}370$  Now we can draw it.

NOTE Confidence: 0.832892000675201

 $00{:}11{:}25{.}370 \dashrightarrow 00{:}11{:}26{.}312$  Drill into.

NOTE Confidence: 0.832892000675201

 $00:11:26.312 \longrightarrow 00:11:29.609$  Specific diseases here you can see that

NOTE Confidence: 0.832892000675201

 $00:11:29.609 \rightarrow 00:11:32.826$  the incidence rates of specific cancer

NOTE Confidence: 0.832892000675201

00:11:32.826 --> 00:11:36.187 diseases are higher in high income

- NOTE Confidence: 0.832892000675201
- $00:11:36.187 \rightarrow 00:11:39.257$  countries than low income countries.
- NOTE Confidence: 0.832892000675201
- 00:11:39.260 --> 00:11:43.324 I would caution a bit on this data,
- NOTE Confidence: 0.832892000675201
- $00:11:43.330 \longrightarrow 00:11:45.870$  so a couple of issues.
- NOTE Confidence: 0.832892000675201
- 00:11:45.870 --> 00:11:47.373 One of course,
- NOTE Confidence: 0.832892000675201
- $00:11:47.373 \rightarrow 00:11:50.379$  is the pathology capacity and low
- NOTE Confidence: 0.832892000675201
- $00:11:50.379 \rightarrow 00:11:53.758$  income countries is a challenge and so
- NOTE Confidence: 0.832892000675201
- $00{:}11{:}53.758 \dashrightarrow 00{:}11{:}57.079$  the actual the true incidence rate.
- NOTE Confidence: 0.832892000675201
- $00:11:57.080 \longrightarrow 00:11:59.715$  In low income countries will
- NOTE Confidence: 0.832892000675201
- $00:11:59.715 \longrightarrow 00:12:01.823$  likely be be higher.
- NOTE Confidence: 0.832892000675201
- $00:12:01.830 \longrightarrow 00:12:04.056$  But then in also in low income
- NOTE Confidence: 0.832892000675201
- $00:12:04.056 \rightarrow 00:12:06.268$  countries that the data and cancer
- NOTE Confidence: 0.832892000675201
- $00{:}12{:}06{.}268 \dashrightarrow 00{:}12{:}08{.}253$  registries is a major limitation.
- NOTE Confidence: 0.832892000675201
- $00:12:08.260 \longrightarrow 00:12:11.044$  So we just you have to take the
- NOTE Confidence: 0.832892000675201
- 00:12:11.044 --> 00:12:13.607 data with with a grain of salt.
- NOTE Confidence: 0.832892000675201
- $00:12:13.610 \rightarrow 00:12:15.734$  But looking at the mortality rates
- NOTE Confidence: 0.832892000675201

 $00:12:15.734 \longrightarrow 00:12:18.586$  you can see that in many of the

NOTE Confidence: 0.832892000675201

 $00:12:18.586 \rightarrow 00:12:20.626$  cancer types the mortality rate is

NOTE Confidence: 0.832892000675201

00:12:20.704 --> 00:12:23.592 the same or higher than in the high

NOTE Confidence: 0.832892000675201

 $00:12:23.592 \rightarrow 00:12:25.672$  income countries and then just

NOTE Confidence: 0.832892000675201

 $00:12:25.672 \rightarrow 00:12:28.250$  kind of looking down at cervical cancer.

NOTE Confidence: 0.832892000675201

00:12:28.250 --> 00:12:30.730 Now we want to take some time here

NOTE Confidence: 0.832892000675201

 $00:12:30.730 \longrightarrow 00:12:32.940$  to pause with cervical cancer.

NOTE Confidence: 0.832892000675201

 $00:12:32.940 \rightarrow 00:12:35.362$  The course the incidence rate is much

NOTE Confidence: 0.832892000675201

 $00{:}12{:}35{.}362 \dashrightarrow 00{:}12{:}37{.}482$  higher for cervical cancer in low

NOTE Confidence: 0.832892000675201

 $00:12:37.482 \rightarrow 00:12:39.182$  income countries and the mortality

NOTE Confidence: 0.832892000675201

 $00{:}12{:}39{.}182 \dashrightarrow 00{:}12{:}41{.}378$  rate is is significantly higher.

NOTE Confidence: 0.832892000675201

 $00:12:41.380 \longrightarrow 00:12:45.475$  And when we look at sort of a map.

NOTE Confidence: 0.832892000675201

00:12:45.480 --> 00:12:48.833 You can see that in Sub Sahara

NOTE Confidence: 0.832892000675201

 $00:12:48.833 \rightarrow 00:12:52.188$  Africa this is a mortality data.

NOTE Confidence: 0.832892000675201

 $00:12:52.190 \longrightarrow 00:12:54.770$  By the way, mortality rates.

NOTE Confidence: 0.832892000675201

 $00:12:54.770 \longrightarrow 00:12:56.905$  From the global can database

- NOTE Confidence: 0.832892000675201
- 00:12:56.905 --> 00:12:59.040 Arquivo candy today's 2018 and
- NOTE Confidence: 0.821624398231506
- 00:12:59.119 --> 00:13:02.359 so you can see in separate sub Saharan
- NOTE Confidence: 0.821624398231506
- $00{:}13{:}02{.}359 \dashrightarrow 00{:}13{:}04{.}553$  African countries and other low
- NOTE Confidence: 0.821624398231506
- $00:13:04.553 \rightarrow 00:13:06.723$  income countries around the world.
- NOTE Confidence: 0.821624398231506
- $00:13:06.730 \longrightarrow 00:13:10.002$  The rates are quite high so is in
- NOTE Confidence: 0.821624398231506
- $00:13:10.002 \rightarrow 00:13:12.867$  this context actually that some of
- NOTE Confidence: 0.821624398231506
- $00:13:12.867 \longrightarrow 00:13:16.257$  you may know the Director general of
- NOTE Confidence: 0.821624398231506
- $00{:}13{:}16.257 \dashrightarrow 00{:}13{:}19.169$  The Who has declared a plan to for
- NOTE Confidence: 0.821624398231506
- $00:13:19.169 \rightarrow 00:13:21.328$  the elimination of cervical cancer,
- NOTE Confidence: 0.821624398231506
- $00:13:21.328 \longrightarrow 00:13:23.563$  the World Health Assembly in
- NOTE Confidence: 0.821624398231506
- $00:13:23.563 \rightarrow 00:13:25.149$  August approved a plan.
- NOTE Confidence: 0.821624398231506
- $00{:}13{:}25{.}150 \dashrightarrow 00{:}13{:}27{.}670$  For the elimination of cervical
- NOTE Confidence: 0.821624398231506
- 00:13:27.670 00:13:30.190 cancer and actually just before
- NOTE Confidence: 0.821624398231506
- $00{:}13{:}30{.}270$  -->  $00{:}13{:}32{.}910$  this call is on a call with PAJA,
- NOTE Confidence: 0.821624398231506
- $00{:}13{:}32{.}910 \dashrightarrow 00{:}13{:}34{.}975$  the Pan American Health Organization
- NOTE Confidence: 0.821624398231506

 $00:13:34.975 \longrightarrow 00:13:37.556$  to layout the plan for elimination

NOTE Confidence: 0.821624398231506

 $00{:}13{:}37{.}556 \dashrightarrow 00{:}13{:}40{.}202$  of cervical cancer in in the

NOTE Confidence: 0.821624398231506

00:13:40.202 --> 00:13:41.525 Latin American region.

NOTE Confidence: 0.821624398231506

 $00:13:41.530 \longrightarrow 00:13:44.761$  Now this is going to be a long of

NOTE Confidence: 0.821624398231506

 $00{:}13{:}44.761 \dashrightarrow 00{:}13{:}47.677$  obviously along time to achieve when

NOTE Confidence: 0.821624398231506

 $00{:}13{:}47.677 \dashrightarrow 00{:}13{:}50.142$  you have a vaccination campaign,

NOTE Confidence: 0.821624398231506

 $00{:}13{:}50{.}150 \dashrightarrow 00{:}13{:}52{.}742$  but then acted area of focus

NOTE Confidence: 0.821624398231506

 $00:13:52.742 \longrightarrow 00:13:55.360$  for The Who and for the.

NOTE Confidence: 0.821624398231506

00:13:55.360 --> 00:13:58.490 Global community Stepping back again,

NOTE Confidence: 0.821624398231506

 $00:13:58.490 \longrightarrow 00:14:00.955$  so clearly outcomes in cancer

NOTE Confidence: 0.821624398231506

 $00:14:00.955 \rightarrow 00:14:03.420$  is highly correlated to income.

NOTE Confidence: 0.821624398231506

 $00{:}14{:}03{.}420 \dashrightarrow 00{:}14{:}06{.}288$  The bottom axis there is the

NOTE Confidence: 0.821624398231506

 $00:14:06.288 \longrightarrow 00:14:08.793$  segments of countries that the

NOTE Confidence: 0.821624398231506

 $00:14:08.793 \longrightarrow 00:14:10.809$  low income countries low,

NOTE Confidence: 0.821624398231506

 $00:14:10.810 \longrightarrow 00:14:11.291$  lower,

NOTE Confidence: 0.821624398231506

 $00{:}14{:}11{.}291 \dashrightarrow 00{:}14{:}13.696$  middle income countries and so

- NOTE Confidence: 0.821624398231506
- $00{:}14{:}13.696 \dashrightarrow 00{:}14{:}17.698$  forth and and on the left axis the
- NOTE Confidence: 0.821624398231506
- 00:14:17.698 --> 00:14:20.173 ratio of mortality to incidence,
- NOTE Confidence: 0.821624398231506
- $00{:}14{:}20{.}180 \dashrightarrow 00{:}14{:}22{.}690$  and so clearly more resources
- NOTE Confidence: 0.821624398231506
- $00:14:22.690 \longrightarrow 00:14:24.698$  in different countries across
- NOTE Confidence: 0.821624398231506
- 00:14:24.698 --> 00:14:27.100 a range of cancer types.
- NOTE Confidence: 0.821624398231506
- $00{:}14{:}27{.}100 \dashrightarrow 00{:}14{:}29{.}428$  Affects the outcomes in those countries.
- NOTE Confidence: 0.821624398231506
- $00:14:29.430 \longrightarrow 00:14:31.770$  So when we talk about resources,
- NOTE Confidence: 0.821624398231506
- $00{:}14{:}31{.}770 \dashrightarrow 00{:}14{:}34{.}140$  let's drill into a little more
- NOTE Confidence: 0.821624398231506
- $00{:}14{:}34{.}140 \dashrightarrow 00{:}14{:}36{.}439$  granular detail and this you know,
- NOTE Confidence: 0.821624398231506
- $00:14:36.440 \longrightarrow 00:14:38.528$  we often talk about.
- NOTE Confidence: 0.821624398231506
- $00:14:38.528 \rightarrow 00:14:41.138$  Access to the highest price
- NOTE Confidence: 0.821624398231506
- $00:14:41.138 \longrightarrow 00:14:43.598$  drugs in other countries.
- NOTE Confidence: 0.821624398231506
- $00{:}14{:}43.600 \dashrightarrow 00{:}14{:}46.430$  But really these are fundamental
- NOTE Confidence: 0.821624398231506
- 00:14:46.430 --> 00:14:48.694 aspects of cancer care.
- NOTE Confidence: 0.821624398231506
- $00{:}14{:}48.700 \dashrightarrow 00{:}14{:}51.445$  Really that the building blocks
- NOTE Confidence: 0.821624398231506

 $00{:}14{:}51{.}445 \dashrightarrow 00{:}14{:}54{.}874$  that are that are limited in

NOTE Confidence: 0.821624398231506

 $00:14:54.874 \rightarrow 00:14:57.186$  the lower income countries,

NOTE Confidence: 0.821624398231506

 $00:14:57.190 \rightarrow 00:15:00.418$  so surgical facilities access to key

NOTE Confidence: 0.821624398231506

 $00:15:00.418 \rightarrow 00:15:04.549$  drugs such as essential drugs like tamoxifen,

NOTE Confidence: 0.821624398231506

 $00{:}15{:}04.550 \dashrightarrow 00{:}15{:}06.818$  access to palliative care,

NOTE Confidence: 0.821624398231506

 $00{:}15{:}06{.}818 \dashrightarrow 00{:}15{:}08{.}519$  or a morpheme.

NOTE Confidence: 0.821624398231506

 $00{:}15{:}08{.}520 \dashrightarrow 00{:}15{:}11{.}888$  And the the percentage of out of pocket

NOTE Confidence: 0.821624398231506

 $00:15:11.888 \rightarrow 00:15:14.687$  health expenditure that the individual faces.

NOTE Confidence: 0.821624398231506

00:15:14.690 --> 00:15:16.454 I actually think so.

NOTE Confidence: 0.821624398231506

 $00:15:16.454 \longrightarrow 00:15:19.046$  That's about 50% out of pocket

NOTE Confidence: 0.821624398231506

 $00{:}15{:}19{.}046 \dashrightarrow 00{:}15{:}21{.}578$  in low income countries and low

NOTE Confidence: 0.821624398231506

 $00{:}15{:}21.578 \dashrightarrow 00{:}15{:}24.070$  lower middle income countries.

NOTE Confidence: 0.821624398231506

00:15:24.070 --> 00:15:25.270 I might actually.

NOTE Confidence: 0.821624398231506

 $00{:}15{:}25{.}270 \dashrightarrow 00{:}15{:}29{.}349$  My sense is out of data to back this up.

NOTE Confidence: 0.821624398231506

 $00:15:29.350 \rightarrow 00:15:31.894$  My sense is that actually understates

NOTE Confidence: 0.821624398231506

 $00:15:31.894 \rightarrow 00:15:35.186$  that when you factor in the cost of

- NOTE Confidence: 0.821624398231506
- $00:15:35.186 \rightarrow 00:15:37.466$  transportation and get to a facility,
- NOTE Confidence: 0.821624398231506
- $00:15:37.470 \longrightarrow 00:15:39.900$  the expense in many of these
- NOTE Confidence: 0.821624398231506
- $00:15:39.900 \rightarrow 00:15:41.992$  countries individuals are going to
- NOTE Confidence: 0.821624398231506
- $00{:}15{:}41{.}992 \dashrightarrow 00{:}15{:}44{.}368$  traditional healers as a first course.
- NOTE Confidence: 0.821624398231506
- $00:15:44.370 \longrightarrow 00:15:45.990$  So they're spending money
- NOTE Confidence: 0.821624398231506
- $00:15:45.990 \longrightarrow 00:15:47.205$  on other approaches,
- NOTE Confidence: 0.821624398231506
- $00:15:47.210 \rightarrow 00:15:49.405$  and these expenses are obviously
- NOTE Confidence: 0.821624398231506
- 00:15:49.405 --> 00:15:51.161 catastrophic for any individual
- NOTE Confidence: 0.821624398231506
- $00:15:51.161 \longrightarrow 00:15:52.969$  in these countries seeking
- NOTE Confidence: 0.821624398231506
- 00:15:52.969 --> 00:15:55.139 any kind of cancer treatment.
- NOTE Confidence: 0.821624398231506
- $00:15:55.140 \longrightarrow 00:15:57.288$  Not on this slide,
- NOTE Confidence: 0.821624398231506
- $00:15:57.288 \longrightarrow 00:15:59.973$  but equally if not more
- NOTE Confidence: 0.821624398231506
- 00:15:59.973 --> 00:16:01.990 critical is pathology.
- NOTE Confidence: 0.821624398231506
- 00:16:01.990 --> 00:16:04.274 Asity access to pathology
- NOTE Confidence: 0.821624398231506
- $00:16:04.274 \longrightarrow 00:16:05.987$  and laboratory diagnostics,
- NOTE Confidence: 0.821624398231506

 $00:16:05.990 \longrightarrow 00:16:07.132$  which is,

NOTE Confidence: 0.821624398231506

 $00:16:07.132 \longrightarrow 00:16:09.416$  as you all know,

NOTE Confidence: 0.821624398231506

 $00:16:09.420 \longrightarrow 00:16:13.508$  is the key part of the cancer

NOTE Confidence: 0.821624398231506

 $00:16:13.508 \rightarrow 00:16:17.428$  care process and a key factor in.

NOTE Confidence: 0.821624398231506

00:16:17.430 --> 00:16:19.908 Now comes if you can diagnose

NOTE Confidence: 0.821624398231506

00:16:19.908 --> 00:16:23.158 it earlier on and get a correct

NOTE Confidence: 0.821624398231506

 $00:16:23.158 \longrightarrow 00:16:25.166$  diagnosis at the outcomes.

NOTE Confidence: 0.821624398231506

00:16:25.170 --> 00:16:26.036 Of course,

NOTE Confidence: 0.821624398231506

 $00:16:26.036 \rightarrow 00:16:28.201$  are much better access radiotherapy

NOTE Confidence: 0.821624398231506

 $00{:}16{:}28{.}201 \dashrightarrow 00{:}16{:}31{.}467$  and other issues that is analysis by

NOTE Confidence: 0.821624398231506

00:16:31.467 --> 00:16:33.359 International Atomic Energy Agency,

NOTE Confidence: 0.821624398231506

 $00{:}16{:}33{.}360 \dashrightarrow 00{:}16{:}35{.}652$  and you can see again countries

NOTE Confidence: 0.821624398231506

00:16:35.652 $\operatorname{-->}$ 00:16:38.902 in Sub Saharan Africa that have no

NOTE Confidence: 0.821624398231506

00:16:38.902 --> 00:16:41.090 radiotherapy machines access whatsoever.

NOTE Confidence: 0.821624398231506

 $00:16:41.090 \longrightarrow 00:16:44.275$  This data is a little bit dated,

NOTE Confidence: 0.821624398231506

 $00:16:44.280 \longrightarrow 00:16:46.112$  so this is 2010,

- NOTE Confidence: 0.821624398231506
- $00:16:46.112 \longrightarrow 00:16:47.486$  but really the.
- NOTE Confidence: 0.821624398231506
- $00:16:47.490 \longrightarrow 00:16:49.970$  The picture has not changed
- NOTE Confidence: 0.821624398231506
- $00:16:49.970 \longrightarrow 00:16:51.458$  dramatically since then.
- NOTE Confidence: 0.821624398231506
- 00:16:51.460 --> 00:16:53.620 Gives you a sense again
- NOTE Confidence: 0.821624398231506
- $00{:}16{:}53.620 \dashrightarrow 00{:}16{:}55.780$  of where some of those
- NOTE Confidence: 0.82923299074173
- $00{:}16{:}55{.}878 \dashrightarrow 00{:}16{:}58{.}134$  disparities are and in
- NOTE Confidence: 0.82923299074173
- $00{:}16{:}58{.}134 \dashrightarrow 00{:}17{:}00{.}390$  terms of human resources.
- NOTE Confidence: 0.82923299074173
- $00{:}17{:}00{.}390 \dashrightarrow 00{:}17{:}03{.}360$  So there isn't existing a comprehensive,
- NOTE Confidence: 0.82923299074173
- $00{:}17{:}03.360 \dashrightarrow 00{:}17{:}04.848$  quantifiable, comprehensive analysis
- NOTE Confidence: 0.82923299074173
- $00{:}17{:}04.848 \dashrightarrow 00{:}17{:}07.328$  of the global oncology workforce.
- NOTE Confidence: 0.82923299074173
- $00:17:07.330 \longrightarrow 00:17:10.306$  This is one of the better
- NOTE Confidence: 0.82923299074173
- $00{:}17{:}10.306 \dashrightarrow 00{:}17{:}12.290$  studies that I've seen.
- NOTE Confidence: 0.82923299074173
- $00{:}17{:}12.290 \dashrightarrow 00{:}17{:}15.260$  This was published in Ask's Jayceeoh
- NOTE Confidence: 0.82923299074173
- $00{:}17{:}15{.}260 \dashrightarrow 00{:}17{:}18{.}274$  Global Oncology Journal, so this is.
- NOTE Confidence: 0.82923299074173
- $00{:}17{:}18.274 \dashrightarrow 00{:}17{:}19.798$  Not the JC.
- NOTE Confidence: 0.82923299074173

 $00:17:19.800 \longrightarrow 00:17:23.083$  Oh, but the sister Journal to the

NOTE Confidence: 0.82923299074173

 $00{:}17{:}23.083 \dashrightarrow 00{:}17{:}26.449$  JCO is focused on global on cology.

NOTE Confidence: 0.82923299074173

00:17:26.450 --> 00:17:29.030 So Doctor Raju and colleagues.

NOTE Confidence: 0.82923299074173

00:17:29.030 --> 00:17:31.538 Looked at data around the world,

NOTE Confidence: 0.82923299074173

00:17:31.540 --> 00:17:32.794 different data sources,

NOTE Confidence: 0.82923299074173

 $00:17:32.794 \rightarrow 00:17:35.720$  bearing definitions of what an oncologist is.

NOTE Confidence: 0.82923299074173

00:17:35.720 --> 00:17:38.816 So again, you need to sort of take

NOTE Confidence: 0.82923299074173

 $00:17:38.816 \rightarrow 00:17:41.567$  the findings with with some caution,

NOTE Confidence: 0.82923299074173

 $00:17:41.570 \longrightarrow 00:17:44.658$  but they arrive at the ratio of new

NOTE Confidence: 0.82923299074173

 $00{:}17{:}44.658 \dashrightarrow 00{:}17{:}47.093$  cancer cases cases per oncologist and

NOTE Confidence: 0.82923299074173

00:17:47.093 --> 00:17:50.350 just gives you sort of a benchmark.

NOTE Confidence: 0.82923299074173

 $00{:}17{:}50{.}350 \dashrightarrow 00{:}17{:}53{.}269$  A sense of what the ratios are.

NOTE Confidence: 0.82923299074173

 $00:17:53.270 \longrightarrow 00:17:54.524$  So for example,

NOTE Confidence: 0.82923299074173

 $00{:}17{:}54{.}524 \dashrightarrow 00{:}17{:}56{.}196$  in the United States,

NOTE Confidence: 0.82923299074173

00:17:56.200 --> 00:17:58.732 133 new new case of cancer

NOTE Confidence: 0.82923299074173

 $00:17:58.732 \longrightarrow 00:17:59.998$  per oncologists Ethiopia.

 $00:18:00.000 \longrightarrow 00:18:03.126$  10,000 new cases of cancer for

NOTE Confidence: 0.82923299074173

 $00{:}18{:}03.126 \dashrightarrow 00{:}18{:}06.858$  on cologists and as some of you may know,

NOTE Confidence: 0.82923299074173

00:18:06.860 --> 00:18:09.665 Ethiopian government has actually launched

NOTE Confidence: 0.82923299074173

 $00:18:09.665 \rightarrow 00:18:12.470$  a multiyear program to significantly

NOTE Confidence: 0.82923299074173

 $00{:}18{:}12{.}547 \dashrightarrow 00{:}18{:}15{.}229$  expand its oncology workforce and to

NOTE Confidence: 0.82923299074173

 $00:18:15.229 \rightarrow 00:18:17.532$  extend services beyond the capital

NOTE Confidence: 0.82923299074173

 $00:18:17.532 \rightarrow 00:18:20.577$  city to other centers across the country.

NOTE Confidence: 0.82923299074173

00:18:20.580 --> 00:18:24.213 But it gives you a sense of

NOTE Confidence: 0.82923299074173

 $00:18:24.213 \longrightarrow 00:18:27.070$  the magnitude of the issue.

NOTE Confidence: 0.82923299074173

 $00:18:27.070 \rightarrow 00:18:31.183$  So with that as the kind of global picture,

NOTE Confidence: 0.82923299074173

 $00{:}18{:}31{.}190 \dashrightarrow 00{:}18{:}34{.}942$  I'll then now sort of transition to

NOTE Confidence: 0.82923299074173

 $00{:}18{:}34{.}942 \dashrightarrow 00{:}18{:}39{.}019$  what task is doing in this regard.

NOTE Confidence: 0.82923299074173

 $00:18:39.020 \longrightarrow 00:18:42.695$  So just a primer if you will.

NOTE Confidence: 0.82923299074173

00:18:42.700 --> 00:18:46.095 On Asko, it is more than just

NOTE Confidence: 0.82923299074173

 $00{:}18{:}46.095 \dashrightarrow 00{:}18{:}49.519$  four days in Chicago in June.

 $00:18:49.520 \longrightarrow 00:18:50.570$  It's it's.

NOTE Confidence: 0.82923299074173

00:18:50.570 --> 00:18:53.720 It's actually quite vibrant oncology society,

NOTE Confidence: 0.82923299074173

 $00:18:53.720 \rightarrow 00:18:57.176$  so our main programs annual meeting

NOTE Confidence: 0.82923299074173

 $00:18:57.176 \longrightarrow 00:19:00.027$  we have the matic symposia that

NOTE Confidence: 0.82923299074173

00:19:00.027 --> 00:19:03.163 some of you may be familiar with.

NOTE Confidence: 0.82923299074173

00:19:03.170 --> 00:19:04.220 Our journals,

NOTE Confidence: 0.82923299074173

00:19:04.220 --> 00:19:07.370 cancer.net is our patient information portal.

NOTE Confidence: 0.82923299074173

 $00:19:07.370 \longrightarrow 00:19:10.050$  Conquer cancer is our foundation.

NOTE Confidence: 0.82923299074173

00:19:10.050 --> 00:19:12.598 And cancer link is and I hope

NOTE Confidence: 0.82923299074173

 $00:19:12.598 \rightarrow 00:19:14.570$  there aren't any questions.

NOTE Confidence: 0.82923299074173

 $00{:}19{:}14.570 \dashrightarrow 00{:}19{:}17.570$  I cancelled because of rapidly get on my

NOTE Confidence: 0.82923299074173

 $00{:}19{:}17{.}570 \dashrightarrow 00{:}19{:}20{.}867$  death but it is our big data platform

NOTE Confidence: 0.82923299074173

 $00{:}19{:}20.867 \dashrightarrow 00{:}19{:}23.034$  that is drawing information from

NOTE Confidence: 0.82923299074173

 $00{:}19{:}23.034 \dashrightarrow 00{:}19{:}25.668$  HR's currently in the United States.

NOTE Confidence: 0.82923299074173

00:19:25.670 --> 00:19:27.314 Analyze overall a patient

NOTE Confidence: 0.82923299074173

 $00:19:27.314 \longrightarrow 00:19:28.958$  Terra trends and insights.

 $00:19:28.960 \dashrightarrow 00:19:31.830$  So this is the ASKO strategic plan.

NOTE Confidence: 0.82923299074173

00:19:31.830 --> 00:19:35.529 I'm not going to go through it in detail,

NOTE Confidence: 0.82923299074173

 $00:19:35.530 \longrightarrow 00:19:37.996$  but you'll see the four goals.

NOTE Confidence: 0.82923299074173

 $00:19:38.000 \rightarrow 00:19:40.090$  Kind of running through the.

NOTE Confidence: 0.82923299074173

 $00{:}19{:}40.090 \dashrightarrow 00{:}19{:}43.194$  The middle of the slide there and on

NOTE Confidence: 0.82923299074173

 $00{:}19{:}43.194 \dashrightarrow 00{:}19{:}46.247$  the right hand side you'll see making

NOTE Confidence: 0.82923299074173

00:19:46.247 --> 00:19:49.290 a global impact is front and well,

NOTE Confidence: 0.82923299074173

 $00:19:49.290 \longrightarrow 00:19:50.439$  not friends center,

NOTE Confidence: 0.82923299074173

 $00{:}19{:}50{.}439 \dashrightarrow 00{:}19{:}52{.}737$  but a main component of the

NOTE Confidence: 0.82923299074173

00:19:52.737 --> 00:19:54.299 ASCO strategic plan.

NOTE Confidence: 0.82923299074173

 $00:19:54.300 \rightarrow 00:19:57.247$  I just think that this really demonstrates

NOTE Confidence: 0.82923299074173

 $00{:}19{:}57{.}247 \dashrightarrow 00{:}19{:}59{.}320$  the seriousness that ASCO takes.

NOTE Confidence: 0.82923299074173

 $00{:}19{:}59{.}320 \dashrightarrow 00{:}20{:}01{.}712$  With respect to it,

NOTE Confidence: 0.82923299074173

 $00{:}20{:}01.712 \dashrightarrow 00{:}20{:}02{.}908$  it's global.

NOTE Confidence: 0.82923299074173

 $00{:}20{:}02{.}910 \dashrightarrow 00{:}20{:}05{.}952$  Sort of profile its responsibility to

 $00:20:05.952 \longrightarrow 00:20:09.698$  its members and its constituents and its

NOTE Confidence: 0.82923299074173

 $00:20:09.698 \rightarrow 00:20:13.492$  commitment to to having a global impact.

NOTE Confidence: 0.82923299074173

00:20:13.500 --> 00:20:16.326 Because Asko is a global organization,

NOTE Confidence: 0.82923299074173

 $00:20:16.330 \longrightarrow 00:20:19.150$  so half of our meeting attendance

NOTE Confidence: 0.82923299074173

 $00:20:19.150 \longrightarrow 00:20:20.090$  is international.

NOTE Confidence: 0.82923299074173

 $00:20:20.090 \rightarrow 00:20:22.445$  Almost exactly 1/3 of our

NOTE Confidence: 0.82923299074173

 $00:20:22.445 \longrightarrow 00:20:23.858$  membership is international.

NOTE Confidence: 0.82923299074173

00:20:23.860 --> 00:20:24.802 Our journals,

NOTE Confidence: 0.82923299074173

 $00{:}20{:}24{.}802 \dashrightarrow 00{:}20{:}26{.}686$  the Journal Clinical Oncology,

NOTE Confidence: 0.82923299074173

00:20:26.690 --> 00:20:28.590 and, as I mentioned,

NOTE Confidence: 0.82923299074173

 $00{:}20{:}28{.}590 \dashrightarrow 00{:}20{:}31{.}440$  that JC Oaklawn Cology are red

NOTE Confidence: 0.82923299074173

 $00{:}20{:}31{.}542 \dashrightarrow 00{:}20{:}34{.}728$  around the world and in effect

NOTE Confidence: 0.82923299074173

 $00:20:34.728 \longrightarrow 00:20:36.852$  practice around the world.

NOTE Confidence: 0.82923299074173

 $00:20:36.860 \rightarrow 00:20:40.066$  So with that kind of global commitment,

NOTE Confidence: 0.82923299074173

 $00{:}20{:}40.070 \dashrightarrow 00{:}20{:}41.016$  an profile.

NOTE Confidence: 0.82923299074173

 $00:20:41.016 \rightarrow 00:20:43.381$  What is Asco's international strategy

- NOTE Confidence: 0.82923299074173
- $00:20:43.381 \longrightarrow 00:20:46.039$  to address some of these issues?
- NOTE Confidence: 0.82923299074173
- $00{:}20{:}46.040 \dashrightarrow 00{:}20{:}46.498$  Well,
- NOTE Confidence: 0.82923299074173
- $00{:}20{:}46{.}498 \dashrightarrow 00{:}20{:}47{.}872$  there's three parts.
- NOTE Confidence: 0.82923299074173
- $00{:}20{:}47.872 \dashrightarrow 00{:}20{:}49.246$  Is the strategy,
- NOTE Confidence: 0.82923299074173
- $00{:}20{:}49{.}250 \dashrightarrow 00{:}20{:}51{.}550$  and I'll go through it.
- NOTE Confidence: 0.863199234008789
- $00:20:51.550 \longrightarrow 00:20:54.436$  Go through it briefly and happy
- NOTE Confidence: 0.863199234008789
- $00:20:54.436 \rightarrow 00:20:57.520$  to talk more about in the Q&A.
- NOTE Confidence: 0.863199234008789
- $00:20:57.520 \longrightarrow 00:20:59.815$  But there are three components
- NOTE Confidence: 0.863199234008789
- $00:20:59.815 \rightarrow 00:21:02.110$  that intersect with each other,
- NOTE Confidence: 0.863199234008789
- $00:21:02.110 \longrightarrow 00:21:04.400$  so first is leadership development.
- NOTE Confidence: 0.863199234008789
- 00:21:04.400 --> 00:21:06.720 As a member Society of
- NOTE Confidence: 0.863199234008789
- $00{:}21{:}06.720 \dashrightarrow 00{:}21{:}08.576$  course we're focused on.
- NOTE Confidence: 0.863199234008789
- 00:21:08.580 --> 00:21:11.052 Engaging our members and it's really
- NOTE Confidence: 0.863199234008789
- 00:21:11.052 --> 00:21:13.609 a global health truism if you will,
- NOTE Confidence: 0.863199234008789
- $00:21:13.610 \longrightarrow 00:21:15.728$  that if you're going to have
- NOTE Confidence: 0.863199234008789

00:21:15.728 --> 00:21:17.870 an impact and change practice,

NOTE Confidence: 0.863199234008789

 $00{:}21{:}17.870 \dashrightarrow 00{:}21{:}20.390$  you need to engage agents of change

NOTE Confidence: 0.863199234008789

 $00:21:20.390 \longrightarrow 00:21:22.769$  change agents who can incorporate and

NOTE Confidence: 0.863199234008789

 $00:21:22.769 \rightarrow 00:21:25.217$  lead those those programs for you.

NOTE Confidence: 0.863199234008789

 $00:21:25.220 \rightarrow 00:21:28.316$  So the leadership development is a key piece.

NOTE Confidence: 0.863199234008789

 $00{:}21{:}28{.}320 \dashrightarrow 00{:}21{:}30{.}875$  Then we work with those leaders to

NOTE Confidence: 0.863199234008789

00:21:30.875 --> 00:21:33.738 implement access to quality of care programs,

NOTE Confidence: 0.863199234008789

 $00:21:33.740 \longrightarrow 00:21:36.524$  which I'll get into and this and then

NOTE Confidence: 0.863199234008789

 $00:21:36.524 \rightarrow 00:21:39.169$  underlying all this activity is researched.

NOTE Confidence: 0.863199234008789

 $00:21:39.170 \longrightarrow 00:21:41.666$  So we have a sense today of how

NOTE Confidence: 0.863199234008789

 $00:21:41.666 \longrightarrow 00:21:44.270$  we can improve access to care,

NOTE Confidence: 0.863199234008789

00:21:44.270 -> 00:21:46.517 but we always need to be searching

NOTE Confidence: 0.863199234008789

 $00:21:46.517 \longrightarrow 00:21:48.322$  for those better solutions and

NOTE Confidence: 0.863199234008789

 $00{:}21{:}48.322 \dashrightarrow 00{:}21{:}50.272$  understand the evidence base and

NOTE Confidence: 0.863199234008789

 $00{:}21{:}50{.}272 \dashrightarrow 00{:}21{:}52{.}638$  going where the evidence takes us.

NOTE Confidence: 0.863199234008789

 $00:21:52.640 \longrightarrow 00:21:53.860$  And the only way,

- NOTE Confidence: 0.863199234008789
- $00:21:53.860 \longrightarrow 00:21:56.261$  as you all know to do that
- NOTE Confidence: 0.863199234008789
- $00:21:56.261 \rightarrow 00:21:57.728$  is through research.
- NOTE Confidence: 0.863199234008789
- 00:21:57.730 --> 00:21:59.078 So just really briefly,
- NOTE Confidence: 0.863199234008789
- $00:21:59.078 \rightarrow 00:22:01.740$  I'll go through some of these programs.
- NOTE Confidence: 0.863199234008789
- $00{:}22{:}01.740 \dashrightarrow 00{:}22{:}04.286$  So in terms of leadership, we engage
- NOTE Confidence: 0.863199234008789
- $00:22:04.286 \rightarrow 00:22:06.464$  with oncology leaders around the world.
- NOTE Confidence: 0.863199234008789
- $00:22:06.470 \rightarrow 00:22:08.290$  Through we have our International
- NOTE Confidence: 0.863199234008789
- 00:22:08.290 --> 00:22:09.018 Affairs Committee,
- NOTE Confidence: 0.863199234008789
- $00:22:09.020 \longrightarrow 00:22:10.930$  which is a global body.
- NOTE Confidence: 0.863199234008789
- 00:22:10.930 --> 00:22:11.670 And then,
- NOTE Confidence: 0.863199234008789
- 00:22:11.670 -> 00:22:13.150 more recently we've started
- NOTE Confidence: 0.863199234008789
- $00:22:13.150 \longrightarrow 00:22:14.630$  creating a regional councils,
- NOTE Confidence: 0.863199234008789
- $00:22:14.630 \longrightarrow 00:22:17.038$  so our first one here is the
- NOTE Confidence: 0.863199234008789
- 00:22:17.038 --> 00:22:18.700 Asia Pacific Regional Council.
- NOTE Confidence: 0.863199234008789
- $00{:}22{:}18.700 \dashrightarrow 00{:}22{:}20.716$  In these councils are members who
- NOTE Confidence: 0.863199234008789

00:22:20.716 --> 00:22:23.678 will help ask a really deep in our

NOTE Confidence: 0.863199234008789

 $00{:}22{:}23.678 \dashrightarrow 00{:}22{:}26.470$  engagement in specific regions of the world,

NOTE Confidence: 0.863199234008789

 $00:22:26.470 \longrightarrow 00:22:28.700$  understand what are the challenges

NOTE Confidence: 0.863199234008789

 $00:22:28.700 \rightarrow 00:22:31.355$  with what are the opportunities in

NOTE Confidence: 0.863199234008789

 $00:22:31.355 \rightarrow 00:22:33.812$  ways that we can engage the oncology

NOTE Confidence: 0.863199234008789

 $00:22:33.812 \rightarrow 00:22:36.079$  community in each of these regions.

NOTE Confidence: 0.863199234008789

 $00:22:36.080 \longrightarrow 00:22:38.250$  So those are current leaders,

NOTE Confidence: 0.863199234008789

 $00:22:38.250 \rightarrow 00:22:41.450$  but then we also have to develop the

NOTE Confidence: 0.863199234008789

 $00:22:41.450 \rightarrow 00:22:43.869$  next generation of oncology leaders.

NOTE Confidence: 0.863199234008789

 $00:22:43.870 \longrightarrow 00:22:46.468$  Some of you may be familiar

NOTE Confidence: 0.863199234008789

 $00:22:46.468 \longrightarrow 00:22:48.200$  with our idea program.

NOTE Confidence: 0.863199234008789

00:22:48.200 --> 00:22:50.780 I know many Yale faculty have

NOTE Confidence: 0.863199234008789

 $00{:}22{:}50{.}780 \dashrightarrow 00{:}22{:}52{.}970$  been idea mentors pictured here.

NOTE Confidence: 0.863199234008789

00:22:52.970 --> 00:22:54.586 As you can see,

NOTE Confidence: 0.863199234008789

 $00{:}22{:}54{.}586 \dashrightarrow 00{:}22{:}58{.}015$  I'm yells own doctor in these type car

NOTE Confidence: 0.863199234008789

 $00:22:58.015 \rightarrow 00:23:01.671$  and her mentee mercy CJ from from Nigeria.

- NOTE Confidence: 0.863199234008789
- $00:23:01.680 \rightarrow 00:23:04.669$  We also have the virtual mentoring program,

 $00{:}23{:}04.670 \dashrightarrow 00{:}23{:}06.800$  so these programs identify young

NOTE Confidence: 0.863199234008789

00:23:06.800 --> 00:23:08.504 emerging on koleji leaders,

NOTE Confidence: 0.863199234008789

00:23:08.510 --> 00:23:11.499 primarily in low and middle income countries.

NOTE Confidence: 0.863199234008789

00:23:11.500 --> 00:23:12.354 Mentor them,

NOTE Confidence: 0.863199234008789

00:23:12.354 --> 00:23:14.916 bring them into the ASCO fold,

NOTE Confidence: 0.863199234008789

 $00:23:14.920 \rightarrow 00:23:15.772$  and then,

NOTE Confidence: 0.863199234008789

 $00:23:15.772 \longrightarrow 00:23:18.328$  as I'll mention more later on,

NOTE Confidence: 0.863199234008789

 $00{:}23{:}18{.}330 \dashrightarrow 00{:}23{:}20{.}754$  we then work with these leaders

NOTE Confidence: 0.863199234008789

 $00{:}23{:}20.754 \dashrightarrow 00{:}23{:}23.321$  and engage the manasco programs and

NOTE Confidence: 0.863199234008789

 $00:23:23.321 \longrightarrow 00:23:25.925$  help us to do implement programs

NOTE Confidence: 0.863199234008789

 $00{:}23{:}25{.}925 \dashrightarrow 00{:}23{:}28{.}148$  in countries around the world.

NOTE Confidence: 0.863199234008789

00:23:28.150 --> 00:23:30.315 We also have a leadership

NOTE Confidence: 0.863199234008789

 $00{:}23{:}30{.}315 \dashrightarrow 00{:}23{:}32{.}047$  development program which also.

NOTE Confidence: 0.863199234008789

 $00{:}23{:}32{.}050 \dashrightarrow 00{:}23{:}35{.}162$  And this was one of the first participants

 $00:23:35.162 \longrightarrow 00:23:37.928$  in and actually how a nice and.

NOTE Confidence: 0.863199234008789

 $00{:}23{:}37{.}930 \dashrightarrow 00{:}23{:}41{.}186$  I first met each other and we have

NOTE Confidence: 0.863199234008789

 $00{:}23{:}41.186 \dashrightarrow 00{:}23{:}43.100$  international participation in this

NOTE Confidence: 0.863199234008789

 $00:23:43.100 \rightarrow 00:23:44.639$  leadership development program.

NOTE Confidence: 0.863199234008789

 $00{:}23{:}44{.}640 \dashrightarrow 00{:}23{:}47{.}146$  As we work them with these leaders

NOTE Confidence: 0.863199234008789

 $00:23:47.146 \longrightarrow 00:23:49.708$  to improve the quality of care

NOTE Confidence: 0.863199234008789

00:23:49.708 --> 00:23:51.588 delivered in their countries,

NOTE Confidence: 0.863199234008789

 $00:23:51.590 \longrightarrow 00:23:54.453$  we do this through a number of

NOTE Confidence: 0.863199234008789

 $00{:}23{:}54{.}453 \dashrightarrow 00{:}23{:}55{.}680$  modalities versus training.

NOTE Confidence: 0.863199234008789

 $00:23:55.680 \rightarrow 00:23:58.060$  So we do in person training when

NOTE Confidence: 0.863199234008789

 $00{:}23{:}58.060 \dashrightarrow 00{:}24{:}00.676$  back when we could do that and

NOTE Confidence: 0.863199234008789

 $00:24:00.676 \rightarrow 00:24:03.519$  hopefully will be able to resume that

NOTE Confidence: 0.863199234008789

 $00:24:03.519 \longrightarrow 00:24:05.487$  through ASKO international courses

NOTE Confidence: 0.863199234008789

00:24:05.487 --> 00:24:08.366 or courses are focused on palate

NOTE Confidence: 0.863199234008789

 $00:24:08.366 \rightarrow 00:24:10.030$  if care multidisciplinary care.

NOTE Confidence: 0.863199234008789

 $00:24:10.030 \rightarrow 00:24:11.855$  Cancer prevention and in clinical

- NOTE Confidence: 0.863199234008789
- $00{:}24{:}11.855 \dashrightarrow 00{:}24{:}12.950$  trials I'm here.
- NOTE Confidence: 0.863199234008789
- 00:24:12.950 --> 00:24:14.995 You have picture another picture
- NOTE Confidence: 0.863199234008789
- $00:24:14.995 \longrightarrow 00:24:17.040$  of the knees that promises
- NOTE Confidence: 0.80700671672821
- $00:24:17.115 \longrightarrow 00:24:19.348$  my last picture of a nice but
- NOTE Confidence: 0.80700671672821
- $00{:}24{:}19{.}348 \dashrightarrow 00{:}24{:}21{.}350$  doing a training course for us.
- NOTE Confidence: 0.80700671672821
- $00:24:21.350 \longrightarrow 00:24:23.700$  I believe in the Philippines.
- NOTE Confidence: 0.80700671672821
- $00{:}24{:}23.700 \dashrightarrow 00{:}24{:}27.466$  And then online training through our E
- NOTE Confidence: 0.80700671672821
- $00:24:27.466 \rightarrow 00:24:30.520$  Learning platform and another online.
- NOTE Confidence: 0.80700671672821
- $00{:}24{:}30{.}520 \dashrightarrow 00{:}24{:}32{.}710$  Mechanisms that we have that I'll
- NOTE Confidence: 0.80700671672821
- 00:24:32.710 --> 00:24:34.905 get into now, ask, of course,
- NOTE Confidence: 0.80700671672821
- $00:24:34.905 \longrightarrow 00:24:36.730$  has guidelines that we have.
- NOTE Confidence: 0.80700671672821
- $00{:}24{:}36{.}730 \dashrightarrow 00{:}24{:}38{.}390$  The ASCO standard ASCO guidelines
- NOTE Confidence: 0.80700671672821
- $00{:}24{:}38{.}390 \dashrightarrow 00{:}24{:}40{.}497$  and then we also have resource
- NOTE Confidence: 0.80700671672821
- 00:24:40.497 --> 00:24:42.427 stratified guidelines so busy you
- NOTE Confidence: 0.80700671672821
- $00{:}24{:}42{.}427 \dashrightarrow 00{:}24{:}44.759$  are not familiar with the concept.
- NOTE Confidence: 0.80700671672821

00:24:44.760 --> 00:24:47.140 Basically, it goes back to the evidence

NOTE Confidence: 0.80700671672821

 $00{:}24{:}47{.}140 \dashrightarrow 00{:}24{:}49{.}765$  base and says well if a certain

NOTE Confidence: 0.80700671672821

 $00{:}24{:}49{.}765 \dashrightarrow 00{:}24{:}51{.}690$  treatment modality is not available,

NOTE Confidence: 0.80700671672821

 $00:24:51.690 \longrightarrow 00:24:53.138$  what is the evidence?

NOTE Confidence: 0.80700671672821

 $00{:}24{:}53{.}138 \dashrightarrow 00{:}24{:}55{.}310$  Say that is the next best

NOTE Confidence: 0.80700671672821

 $00{:}24{:}55{.}395 \dashrightarrow 00{:}24{:}57{.}170$  and then the next best,

NOTE Confidence: 0.80700671672821

 $00:24:57.170 \longrightarrow 00:24:59.788$  and so it enables you to have

NOTE Confidence: 0.80700671672821

 $00:24:59.788 \longrightarrow 00:25:01.629$  the best standard of care.

NOTE Confidence: 0.80700671672821

 $00{:}25{:}01{.}630 \dashrightarrow 00{:}25{:}03{.}618$  In different practice settings,

NOTE Confidence: 0.80700671672821

 $00{:}25{:}03.618 \dashrightarrow 00{:}25{:}06.600$  still based on the available admins,

NOTE Confidence: 0.80700671672821

 $00{:}25{:}06.600 \dashrightarrow 00{:}25{:}08.588$  so we're incorporating these

NOTE Confidence: 0.80700671672821

 $00{:}25{:}08{.}588 \dashrightarrow 00{:}25{:}10{.}576$  guidelines into our training.

NOTE Confidence: 0.80700671672821

 $00{:}25{:}10.580 \dashrightarrow 00{:}25{:}12.568$  We're also using increasingly

NOTE Confidence: 0.80700671672821

 $00{:}25{:}12.568 \dashrightarrow 00{:}25{:}14.059$  internationally quality measures.

NOTE Confidence: 0.80700671672821

 $00{:}25{:}14.060 \dashrightarrow 00{:}25{:}17.042$  Some of you may be familiar

NOTE Confidence: 0.80700671672821

 $00:25:17.042 \rightarrow 00:25:19.030$  with Askas kopi program,

 $00:25:19.030 \rightarrow 00:25:21.510$  the quality Oncology Practice initiative.

NOTE Confidence: 0.80700671672821

 $00{:}25{:}21{.}510 \dashrightarrow 00{:}25{:}23{.}990$  This takes data from deidentified

NOTE Confidence: 0.80700671672821

 $00:25:23.990 \longrightarrow 00:25:25.974$  anonymized data from charts,

NOTE Confidence: 0.80700671672821

 $00:25:25.980 \rightarrow 00:25:28.580$  and compares it against established

NOTE Confidence: 0.80700671672821

 $00{:}25{:}28{.}580 \dashrightarrow 00{:}25{:}30{.}660$  evidence based quality measures

NOTE Confidence: 0.80700671672821

 $00:25:30.660 \longrightarrow 00:25:32.947$  and produces a report card.

NOTE Confidence: 0.80700671672821

 $00{:}25{:}32{.}950 \dashrightarrow 00{:}25{:}36{.}182$  Back to the practice on how they're doing

NOTE Confidence: 0.80700671672821

 $00:25:36.182 \longrightarrow 00:25:39.176$  on their quality and more and more.

NOTE Confidence: 0.80700671672821

 $00:25:39.180 \longrightarrow 00:25:40.812$  We're doing this internationally

NOTE Confidence: 0.80700671672821

 $00:25:40.812 \longrightarrow 00:25:42.852$  to really assess the quality

NOTE Confidence: 0.80700671672821

 $00:25:42.852 \longrightarrow 00:25:44.990$  of care and health practices,

NOTE Confidence: 0.80700671672821

 $00{:}25{:}44{.}990 \dashrightarrow 00{:}25{:}47{.}474$  improve the quality of care that's

NOTE Confidence: 0.80700671672821

 $00:25:47.474 \longrightarrow 00:25:48.716$  being delivered internationally,

NOTE Confidence: 0.80700671672821

 $00{:}25{:}48.720 \dashrightarrow 00{:}25{:}50.380$  and then finally sites.

NOTE Confidence: 0.80700671672821

 $00:25:50.380 \rightarrow 00:25:51.210$  So increasingly,

 $00:25:51.210 \rightarrow 00:25:53.484$  we are performing these programs at

NOTE Confidence: 0.80700671672821

 $00:25:53.484 \rightarrow 00:25:56.424$  specific sites for ASCO has a multiyear

NOTE Confidence: 0.80700671672821

 $00:25:56.424 \rightarrow 00:25:58.674$  sort of commitment winning relationship.

NOTE Confidence: 0.80700671672821

00:25:58.680 --> 00:26:00.036 If you will,

NOTE Confidence: 0.80700671672821

 $00{:}26{:}00{.}036 \dashrightarrow 00{:}26{:}01{.}844$  with hospitals through international

NOTE Confidence: 0.80700671672821

 $00{:}26{:}01{.}844 \dashrightarrow 00{:}26{:}04{.}560$  cancer core programs that were active in.

NOTE Confidence: 0.80700671672821

00:26:04.560 --> 00:26:07.820 Nepal and Vietnam and Honduras.

NOTE Confidence: 0.80700671672821

00:26:07.820 --> 00:26:09.230 Bouton Uganda.

NOTE Confidence: 0.80700671672821

 $00{:}26{:}09{.}230 \dashrightarrow 00{:}26{:}12{.}755$  Working with specific hospitals to

NOTE Confidence: 0.80700671672821

 $00:26:12.755 \rightarrow 00:26:16.718$  enhance their cancer care capacity and

NOTE Confidence: 0.80700671672821

 $00{:}26{:}16.718 \dashrightarrow 00{:}26{:}20.210$  then through a program started by.

NOTE Confidence: 0.80700671672821

 $00{:}26{:}20{.}210 \dashrightarrow 00{:}26{:}23{.}094$  I see see the city cancer talent

NOTE Confidence: 0.80700671672821

 $00:26:23.094 \rightarrow 00:26:25.433$  where we're taking that same

NOTE Confidence: 0.80700671672821

 $00:26:25.433 \rightarrow 00:26:27.469$  kind of long-term collaborative

NOTE Confidence: 0.80700671672821

 $00:26:27.469 \rightarrow 00:26:30.399$  model and applying it to cities.

NOTE Confidence: 0.80700671672821

 $00:26:30.400 \rightarrow 00:26:33.634$  So we're working with colleagues in Cali,

00:26:33.640 --> 00:26:35.029 Colombia, Ascencion, Paraguay,

NOTE Confidence: 0.80700671672821

00:26:35.029 --> 00:26:36.418 Kumasi in Ghana,

NOTE Confidence: 0.80700671672821

 $00{:}26{:}36{.}420 \dashrightarrow 00{:}26{:}39{.}654$  and Yanggang Mian Mar and we'll be

NOTE Confidence: 0.80700671672821

 $00:26:39.654 \rightarrow 00:26:43.356$  expanding that so it kinda drill down here.

NOTE Confidence: 0.80700671672821

00:26:43.360 --> 00:26:45.650 Case example cancer course site

NOTE Confidence: 0.80700671672821

 $00:26:45.650 \rightarrow 00:26:48.478$  in Honduras so we're working at

NOTE Confidence: 0.80700671672821

 $00:26:48.478 \rightarrow 00:26:50.768$  the hospital Escuela in hospital,

NOTE Confidence: 0.80700671672821

 $00:26:50.770 \longrightarrow 00:26:51.714$  San Felipe.

NOTE Confidence: 0.80700671672821

 $00{:}26{:}51.714 \dashrightarrow 00{:}26{:}56.070$  Is one of our first programs start in 2010.

NOTE Confidence: 0.80700671672821

 $00{:}26{:}56{.}070 \dashrightarrow 00{:}26{:}59{.}926$  Now we've had about 100 volunteers to date.

NOTE Confidence: 0.80700671672821

 $00{:}26{:}59{.}930 \dashrightarrow 00{:}27{:}02{.}475$  Travel to Honduras and work

NOTE Confidence: 0.80700671672821

 $00{:}27{:}02{.}475 \dashrightarrow 00{:}27{:}05{.}020$  with their colleagues there on

NOTE Confidence: 0.80700671672821

 $00{:}27{:}05{.}113 \dashrightarrow 00{:}27{:}07{.}657$  the focus there is on Kynoch.

NOTE Confidence: 0.80700671672821

00:27:07.660 --> 00:27:10.440 Safe administration of chemotherapy.

NOTE Confidence: 0.80700671672821

 $00{:}27{:}10{.}440 \dashrightarrow 00{:}27{:}13{.}915$  Multidisciplinary care in palliative care.

 $00:27:13.920 \longrightarrow 00:27:17.140$  We've done this again by working with

NOTE Confidence: 0.80700671672821

 $00{:}27{:}17{.}140 \dashrightarrow 00{:}27{:}20{.}738$  some pass ID recipients in Honduras,

NOTE Confidence: 0.80700671672821

 $00:27:20.740 \rightarrow 00:27:22.315$  organizing international courses,

NOTE Confidence: 0.80700671672821

 $00:27:22.315 \rightarrow 00:27:24.415$  doing virtual tumor boards,

NOTE Confidence: 0.80700671672821

 $00{:}27{:}24{.}420 \dashrightarrow 00{:}27{:}27{.}438$  and more recently I mentioned the

NOTE Confidence: 0.80700671672821

00:27:27.438 --> 00:27:30.072 pathology challenges or recently working

NOTE Confidence: 0.80700671672821

 $00{:}27{:}30.072 \dashrightarrow 00{:}27{:}33.336$  with the College of American Pathologists.

NOTE Confidence: 0.80700671672821

 $00{:}27{:}33{.}340 \dashrightarrow 00{:}27{:}36{.}046$  An apologist in Honduras and as

NOTE Confidence: 0.80700671672821

 $00{:}27{:}36.046 \dashrightarrow 00{:}27{:}39.213$  well as the oncology community to

NOTE Confidence: 0.80700671672821

 $00{:}27{:}39{.}213 \dashrightarrow 00{:}27{:}41{.}757$  develop pathology capacity and.

NOTE Confidence: 0.80700671672821

 $00{:}27{:}41.760 \dashrightarrow 00{:}27{:}44.496$  Support their efforts in that regard.

NOTE Confidence: 0.80700671672821

 $00:27:44.500 \rightarrow 00:27:46.850$  And now they've started collecting

NOTE Confidence: 0.80700671672821

 $00{:}27{:}46.850 \dashrightarrow 00{:}27{:}49.710$  data and publishing their data again,

NOTE Confidence: 0.80700671672821

 $00{:}27{:}49.710 \dashrightarrow 00{:}27{:}53.856$  this is the JCO global oncology.

NOTE Confidence: 0.80700671672821

 $00:27:53.860 \longrightarrow 00:27:56.415$  And all of this as I mentioned,

NOTE Confidence: 0.80700671672821

 $00:27:56.420 \rightarrow 00:27:58.610$  needs to be informed by research.

- NOTE Confidence: 0.80700671672821
- 00:27:58.610 -> 00:28:00.800 So when we talk about research,
- NOTE Confidence: 0.80700671672821
- $00{:}28{:}00{.}800 \dashrightarrow 00{:}28{:}03{.}720$  there are some key components as you know,
- NOTE Confidence: 0.80700671672821
- 00:28:03.720 --> 00:28:05.540 but just to highlight them,
- NOTE Confidence: 0.80700671672821
- $00:28:05.540 \rightarrow 00:28:07.790$  you need to be training investigators
- NOTE Confidence: 0.80700671672821
- $00:28:07.790 \longrightarrow 00:28:09.290$  in these resource limited
- NOTE Confidence: 0.860995471477509
- $00:28:09.359 \longrightarrow 00:28:11.209$  settings to conduct the research
- NOTE Confidence: 0.860995471477509
- $00{:}28{:}11.209 \dashrightarrow 00{:}28{:}13.059$  because the research needs to
- NOTE Confidence: 0.860995471477509
- $00:28:13.118 \longrightarrow 00:28:14.668$  be done in these settings.
- NOTE Confidence: 0.860995471477509
- 00:28:14.670 --> 00:28:16.490 That's how you're going to
- NOTE Confidence: 0.860995471477509
- $00:28:16.490 \longrightarrow 00:28:17.946$  move the needle forward.
- NOTE Confidence: 0.860995471477509
- 00:28:17.950 --> 00:28:19.960 So Askos, doing clinical trials workshops
- NOTE Confidence: 0.860995471477509
- $00{:}28{:}19{.}960 \dashrightarrow 00{:}28{:}22{.}329$  in low and middle income countries,
- NOTE Confidence: 0.860995471477509
- $00:28:22.330 \rightarrow 00:28:24.598$  training investigators on the best practices.
- NOTE Confidence: 0.860995471477509
- $00{:}28{:}24.600 \dashrightarrow 00{:}28{:}27.505$  With the conduct of research and also
- NOTE Confidence: 0.860995471477509
- $00{:}28{:}27{.}505 \dashrightarrow 00{:}28{:}30{.}031$  working with partner organizations in India
- NOTE Confidence: 0.860995471477509

 $00{:}28{:}30{.}031 \dashrightarrow 00{:}28{:}33{.}270$  and Australia to do sort of bales type,

NOTE Confidence: 0.860995471477509

00:28:33.270 --> 00:28:36.174 I believe many of you may be familiar

NOTE Confidence: 0.860995471477509

00:28:36.174 --> 00:28:39.806 with the Dalek or so this is to design

NOTE Confidence: 0.860995471477509

 $00:28:39.806 \rightarrow 00:28:42.359$  research protocols in Cancer Research.

NOTE Confidence: 0.860995471477509

 $00{:}28{:}42{.}360 \dashrightarrow 00{:}28{:}45{.}184$  Take that sort of Dale model and apply

NOTE Confidence: 0.860995471477509

 $00{:}28{:}45{.}184 \dashrightarrow 00{:}28{:}48{.}150$ it to India in Asia Pacific region

NOTE Confidence: 0.860995471477509

 $00{:}28{:}48.150 \dashrightarrow 00{:}28{:}51.450$  Credo in India and Accord in Australia.

NOTE Confidence: 0.860995471477509

 $00:28:51.450 \rightarrow 00:28:53.510$  These are slightly different however,

NOTE Confidence: 0.860995471477509

 $00:28:53.510 \rightarrow 00:28:57.272$  in the topic of the research is being done.

NOTE Confidence: 0.860995471477509

 $00:28:57.280 \rightarrow 00:29:02.014$  Was the veil tends to be on drug development,

NOTE Confidence: 0.860995471477509

 $00{:}29{:}02{.}020 \dashrightarrow 00{:}29{:}03{.}952$  credo and accord armor.

NOTE Confidence: 0.860995471477509

 $00{:}29{:}03{.}952 \dashrightarrow 00{:}29{:}06{.}850$  Multi modality and it's also looking

NOTE Confidence: 0.860995471477509

 $00:29:06.939 \rightarrow 00:29:09.939$  at research where your re purposing

NOTE Confidence: 0.860995471477509

00:29:09.939 --> 00:29:12.638 low-cost existing drugs to improve

NOTE Confidence: 0.860995471477509

 $00:29:12.638 \rightarrow 00:29:15.728$  outcomes in resource limited settings.

NOTE Confidence: 0.860995471477509

 $00:29:15.730 \rightarrow 00:29:18.866$  So again emphasizing the need for specific

- NOTE Confidence: 0.860995471477509
- 00:29:18.866 --> 00:29:22.580 research for a resource limited environment,
- NOTE Confidence: 0.860995471477509
- $00{:}29{:}22.580 \dashrightarrow 00{:}29{:}25.736$  ASKO, through its Conquer Cancer Foundation,
- NOTE Confidence: 0.860995471477509
- 00:29:25.740 --> 00:29:27.132 provides research funding.
- NOTE Confidence: 0.860995471477509
- $00{:}29{:}27.132 \dashrightarrow 00{:}29{:}29.916$  We're one of the greatest largest
- NOTE Confidence: 0.860995471477509
- $00:29:29.916 \longrightarrow 00:29:31.748$  funders of Cancer Research,
- NOTE Confidence: 0.860995471477509
- $00:29:31.750 \longrightarrow 00:29:33.510$  specifically for low and
- NOTE Confidence: 0.860995471477509
- $00{:}29{:}33.510$  -->  $00{:}29{:}34.830$  middle income countries.
- NOTE Confidence: 0.860995471477509
- 00:29:34.830 --> 00:29:37.030 Through innovation grants or fellowships.
- NOTE Confidence: 0.860995471477509
- $00:29:37.030 \longrightarrow 00:29:39.230$  And why is in global
- NOTE Confidence: 0.860995471477509
- $00:29:39.230 \longrightarrow 00:29:40.990$  oncology and then finally,
- NOTE Confidence: 0.860995471477509
- 00:29:40.990 --> 00:29:43.190 in terms of research, dissemination.
- NOTE Confidence: 0.860995471477509
- 00:29:43.190 --> 00:29:46.406 So this is where I think things that
- NOTE Confidence: 0.860995471477509
- $00{:}29{:}46{.}406 \dashrightarrow 00{:}29{:}49{.}349$  separates ASKO from a typical foundation.
- NOTE Confidence: 0.860995471477509
- $00{:}29{:}49{.}350 \dashrightarrow 00{:}29{:}51{.}550$  Because then we're able to
- NOTE Confidence: 0.860995471477509
- $00:29:51.550 \rightarrow 00:29:53.750$  marry up that research funding.
- NOTE Confidence: 0.860995471477509

 $00:29:53.750 \longrightarrow 00:29:56.190$  Those does findings with the

NOTE Confidence: 0.860995471477509

 $00{:}29{:}56{.}190 \dashrightarrow 00{:}29{:}58{.}630$  channels that the global channels

NOTE Confidence: 0.860995471477509

 $00{:}29{:}58{.}713 \dashrightarrow 00{:}30{:}00{.}837$  that Aps co has to get that.

NOTE Confidence: 0.860995471477509

 $00:30:00.840 \longrightarrow 00:30:01.941$  Out into practice.

NOTE Confidence: 0.860995471477509

 $00{:}30{:}01{.}941 \dashrightarrow 00{:}30{:}04{.}510$  So the JCO global on cology or annual

NOTE Confidence: 0.860995471477509

 $00:30:04.584 \rightarrow 00:30:06.786$  meeting as a global health track,

NOTE Confidence: 0.860995471477509

00:30:06.790 --> 00:30:09.028 and most recently our breakthrough meeting

NOTE Confidence: 0.860995471477509

 $00:30:09.028 \longrightarrow 00:30:11.629$  that we started in Thailand in 2019.

NOTE Confidence: 0.860995471477509

 $00{:}30{:}11.630 \dashrightarrow 00{:}30{:}14.073$  So here is kind of a map

NOTE Confidence: 0.860995471477509

 $00:30:14.073 \rightarrow 00:30:16.089$  of our activity last year,

NOTE Confidence: 0.860995471477509

 $00:30:16.090 \longrightarrow 00:30:17.950$  this year has been obviously

NOTE Confidence: 0.860995471477509

 $00:30:17.950 \longrightarrow 00:30:19.066$  affected by pandemic.

NOTE Confidence: 0.860995471477509

00:30:19.070 - 00:30:22.038 Not get into that, but just kind of.

NOTE Confidence: 0.860995471477509

 $00:30:22.040 \rightarrow 00:30:25.388$  I'm not going to go through all these pins,

NOTE Confidence: 0.860995471477509

 $00{:}30{:}25{.}390 \dashrightarrow 00{:}30{:}28{.}216$  but just kind of gives you a sense of

NOTE Confidence: 0.860995471477509

 $00:30:28.216 \dashrightarrow 00:30:31.375$  the breadth and depth of ask's activity.

00:30:31.380 --> 00:30:34.698 Globally just kind of pick out a

NOTE Confidence: 0.860995471477509

 $00{:}30{:}34.698 \dashrightarrow 00{:}30{:}38.522$  few things so that the dark blue

NOTE Confidence: 0.860995471477509

 $00:30:38.522 \rightarrow 00:30:41.387$  pins are the innovation grants.

NOTE Confidence: 0.860995471477509

 $00:30:41.390 \longrightarrow 00:30:43.498$  So these are investigators

NOTE Confidence: 0.860995471477509

 $00:30:43.498 \longrightarrow 00:30:45.079$  in these countries.

NOTE Confidence: 0.860995471477509

 $00:30:45.080 \rightarrow 00:30:47.116$  Discovering novel cancer control

NOTE Confidence: 0.860995471477509

 $00{:}30{:}47.116 \dashrightarrow 00{:}30{:}49.661$  solutions for a lower resource

NOTE Confidence: 0.860995471477509

 $00:30:49.661 \rightarrow 00:30:52.488$  or lower metal resource setting.

NOTE Confidence: 0.860995471477509

 $00:30:52.490 \longrightarrow 00:30:55.070$  The the purple pens are I

NOTE Confidence: 0.860995471477509

 $00:30:55.070 \rightarrow 00:30:56.790$  mentioned the quality measures.

NOTE Confidence: 0.860995471477509

 $00{:}30{:}56{.}790 \dashrightarrow 00{:}30{:}58{.}940$  These are copies certified practices,

NOTE Confidence: 0.860995471477509

 $00{:}30{:}58{.}940 \dashrightarrow 00{:}31{:}01{.}789$  so these are practices that have been

NOTE Confidence: 0.860995471477509

 $00:31:01.789 \rightarrow 00:31:04.328$  certified to be providing the same

NOTE Confidence: 0.860995471477509

00:31:04.328 --> 00:31:07.226 level of care as the copies survive

NOTE Confidence: 0.860995471477509

 $00{:}31{:}07{.}310 \dashrightarrow 00{:}31{:}09{.}690$  practices in the United States,

 $00:31:09.690 \rightarrow 00:31:12.948$  and again is A and we're looking to move

NOTE Confidence: 0.860995471477509

 $00{:}31{:}12{.}948 \dashrightarrow 00{:}31{:}16{.}139$  this more into lower resource settings,

NOTE Confidence: 0.860995471477509

 $00{:}31{:}16.140 \dashrightarrow 00{:}31{:}19.199$  but we're we're hopeful that this can

NOTE Confidence: 0.860995471477509

 $00:31:19.199 \rightarrow 00:31:22.716$  serve as a benchmark for quality care

NOTE Confidence: 0.860995471477509

 $00:31:22.716 \rightarrow 00:31:26.800$  delivery in a range of practice settings.

NOTE Confidence: 0.860995471477509

00:31:26.800 --> 00:31:27.191 OK,

NOTE Confidence: 0.860995471477509

 $00:31:27.191 \rightarrow 00:31:30.710$  so you may be thinking that all sounds great,

NOTE Confidence: 0.860995471477509

00:31:30.710 --> 00:31:33.056 but in terms of a pandemic,

NOTE Confidence: 0.860995471477509

 $00:31:33.060 \longrightarrow 00:31:35.932$  how are you able to do some of

NOTE Confidence: 0.860995471477509

 $00:31:35.932 \rightarrow 00:31:37.370$  these international programs?

NOTE Confidence: 0.860995471477509

 $00:31:37.370 \longrightarrow 00:31:38.072$  Right now,

NOTE Confidence: 0.860995471477509

 $00{:}31{:}38.072 \dashrightarrow 00{:}31{:}40.178$  before I talk about the impact

NOTE Confidence: 0.860995471477509

00:31:40.178 --> 00:31:42.717 of the pandemic on ASKO course,

NOTE Confidence: 0.860995471477509

 $00:31:42.720 \longrightarrow 00:31:44.974$  we need to pause here for a

NOTE Confidence: 0.860995471477509

 $00:31:44.974 \longrightarrow 00:31:45.940$  moment and justice

NOTE Confidence: 0.819793701171875

00:31:46.010 --> 00:31:48.448 acknowledges, as you all know,

- NOTE Confidence: 0.819793701171875
- $00:31:48.448 \rightarrow 00:31:49.976$  better than I really.
- NOTE Confidence: 0.819793701171875
- $00:31:49.980 \longrightarrow 00:31:52.086$  The impact of cancer of the
- NOTE Confidence: 0.819793701171875
- 00:31:52.086 --> 00:31:54.180 pandemic on cancer care delivery,
- NOTE Confidence: 0.819793701171875
- $00:31:54.180 \longrightarrow 00:31:56.581$  and in the Q&A I'd be really
- NOTE Confidence: 0.819793701171875
- 00:31:56.581 > 00:31:58.528 interested to hear what yells
- NOTE Confidence: 0.819793701171875
- $00{:}31{:}58{.}528 \dashrightarrow 00{:}32{:}01{.}048$  experience has been in this regard.
- NOTE Confidence: 0.819793701171875
- 00:32:01.050 00:32:03.342 I just want to like this
- NOTE Confidence: 0.819793701171875
- $00:32:03.342 \longrightarrow 00:32:04.870$  really interesting study again.
- NOTE Confidence: 0.819793701171875
- 00:32:04.870 --> 00:32:06.780 Published in the jaeseok level,
- NOTE Confidence: 0.819793701171875
- 00:32:06.780 --> 00:32:08.332 Oncology 350 cancer centers
- NOTE Confidence: 0.819793701171875
- $00:32:08.332 \longrightarrow 00:32:09.884$  in about 50 countries.
- NOTE Confidence: 0.819793701171875
- $00{:}32{:}09{.}890 \dashrightarrow 00{:}32{:}12{.}186$  Snapshot of the impact of the pandemic.
- NOTE Confidence: 0.819793701171875
- $00{:}32{:}12.190 \dashrightarrow 00{:}32{:}15.133$  So this was what I'll call the 1st wave.
- NOTE Confidence: 0.819793701171875
- $00{:}32{:}15{.}140 \dashrightarrow 00{:}32{:}17{.}402$  'cause now we're in the second
- NOTE Confidence: 0.819793701171875
- $00{:}32{:}17{.}402 \dashrightarrow 00{:}32{:}20{.}059$  wave and the table is just sort
- NOTE Confidence: 0.819793701171875

 $00:32:20.059 \rightarrow 00:32:22.537$  of gives you a sense by encourage

NOTE Confidence: 0.819793701171875

 $00{:}32{:}22.622 \dashrightarrow 00{:}32{:}24.547$  you to take a look at it.

NOTE Confidence: 0.819793701171875

 $00{:}32{:}24{.}550 \dashrightarrow 00{:}32{:}28{.}334$  And the impact of the pandemic on cancer

NOTE Confidence: 0.819793701171875

 $00:32:28.334 \rightarrow 00:32:32.092$  care in low and middle income countries

NOTE Confidence: 0.819793701171875

 $00{:}32{:}32{.}092 \dashrightarrow 00{:}32{:}36{.}578$  can also be the subject for another talk.

NOTE Confidence: 0.819793701171875

 $00:32:36.580 \dashrightarrow 00:32:39.968$  You know Asko has its registry there.

NOTE Confidence: 0.819793701171875

 $00{:}32{:}39{.}970 \dashrightarrow 00{:}32{:}42{.}355$  Other covid registries in other

NOTE Confidence: 0.819793701171875

00:32:42.355 - 00:32:45.290 countries think the impact on delay,

NOTE Confidence: 0.819793701171875

00:32:45.290 --> 00:32:46.991 diagnosis and ultimately,

NOTE Confidence: 0.819793701171875

 $00{:}32{:}46{.}991 \dashrightarrow 00{:}32{:}50{.}960$  patient outcomes and cancer as a result

NOTE Confidence: 0.819793701171875

 $00:32:51.052 \longrightarrow 00:32:54.020$  of the pandemic is yet to be seen.

NOTE Confidence: 0.819793701171875

 $00:32:54.020 \rightarrow 00:32:58.979$  And and that will be important data to see.

NOTE Confidence: 0.819793701171875

 $00:32:58.980 \longrightarrow 00:33:01.044$  Turning to the impact of the

NOTE Confidence: 0.819793701171875

00:33:01.044 --> 00:33:02.076 pandemic on asking.

NOTE Confidence: 0.819793701171875

 $00:33:02.080 \dashrightarrow 00:33:04.138$  Well, first and foremost, of course.

NOTE Confidence: 0.819793701171875

 $00:33:04.140 \longrightarrow 00:33:05.172$  The annual meeting.

 $00:33:05.172 \longrightarrow 00:33:06.548$  We had to shift.

NOTE Confidence: 0.819793701171875

 $00:33:06.550 \rightarrow 00:33:08.662$  What is a massive scientific meeting

NOTE Confidence: 0.819793701171875

 $00{:}33{:}08.662 \dashrightarrow 00{:}33{:}11.018$  in Chicago and move it all online.

NOTE Confidence: 0.819793701171875

 $00:33:11.020 \longrightarrow 00:33:13.492$  Basically in the matter of about 6 to

NOTE Confidence: 0.819793701171875

00:33:13.492 --> 00:33:16.180 8 weeks it was a massive undertaking.

NOTE Confidence: 0.819793701171875

00:33:16.180 --> 00:33:18.232 Those of you who did participate

NOTE Confidence: 0.819793701171875

00:33:18.232 --> 00:33:19.960 I'd be really interested here.

NOTE Confidence: 0.819793701171875

 $00:33:19.960 \longrightarrow 00:33:21.680$  What you thought we were.

NOTE Confidence: 0.819793701171875

 $00:33:21.680 \longrightarrow 00:33:23.750$  We were quite pleased with it.

NOTE Confidence: 0.819793701171875

 $00{:}33{:}23{.}750 \dashrightarrow 00{:}33{:}25{.}742$  We the number of attendees were

NOTE Confidence: 0.819793701171875

 $00:33:25.742 \longrightarrow 00:33:27.854$  comparable to the in person in

NOTE Confidence: 0.819793701171875

 $00:33:27.854 \rightarrow 00:33:30.008$  terms of countries we actually got.

NOTE Confidence: 0.819793701171875

 $00:33:30.010 \longrightarrow 00:33:32.295$  Even greater participation globally and

NOTE Confidence: 0.819793701171875

00:33:32.295 --> 00:33:35.530 actually much greater or not surprisingly,

NOTE Confidence: 0.819793701171875

 $00:33:35.530 \longrightarrow 00:33:37.602$  greater participation from countries

 $00:33:37.602 \rightarrow 00:33:40.710$  where participation in the in person

NOTE Confidence: 0.819793701171875

00:33:40.787 --> 00:33:43.057 might would be more challenging,

NOTE Confidence: 0.819793701171875

 $00:33:43.060 \longrightarrow 00:33:46.276$  so just easier for clinicians to

NOTE Confidence: 0.819793701171875

 $00:33:46.276 \rightarrow 00:33:49.602$  access the insights that are presented

NOTE Confidence: 0.819793701171875

 $00:33:49.602 \rightarrow 00:33:52.848$  at the annual meeting this year.

NOTE Confidence: 0.819793701171875

 $00:33:52.850 \rightarrow 00:33:55.986$  So that was that was very helpful,

NOTE Confidence: 0.819793701171875

 $00:33:55.990 \rightarrow 00:33:58.230$  very informative and just actually

NOTE Confidence: 0.819793701171875

 $00:33:58.230 \longrightarrow 00:34:00.022$  a final point there.

NOTE Confidence: 0.819793701171875

 $00{:}34{:}00{.}030 \dashrightarrow 00{:}34{:}03{.}180$  I think we learned a lot from

NOTE Confidence: 0.819793701171875

 $00:34:03.180 \longrightarrow 00:34:04.080$  this experience.

NOTE Confidence: 0.819793701171875

 $00{:}34{:}04{.}080 \dashrightarrow 00{:}34{:}06{.}780$  The benefits of having that come

NOTE Confidence: 0.819793701171875

 $00:34:06.780 \longrightarrow 00:34:09.100$  online experience says to us

NOTE Confidence: 0.819793701171875

 $00:34:09.100 \longrightarrow 00:34:11.710$  that having some kind of hybrid

NOTE Confidence: 0.819793701171875

00:34:11.710 --> 00:34:13.949 experience even after a pandemic,

NOTE Confidence: 0.819793701171875

00:34:13.950 --> 00:34:16.650 I'm in a post pandemic environment,

NOTE Confidence: 0.819793701171875

00:34:16.650 --> 00:34:19.583 will likely have some online or hybrid

 $00:34:19.583 \rightarrow 00:34:22.039$  components to the annual meeting.

NOTE Confidence: 0.819793701171875

 $00:34:22.040 \longrightarrow 00:34:24.604$  Going forward it was.

NOTE Confidence: 0.819793701171875

 $00:34:24.604 \rightarrow 00:34:25.886$  Extremely helpful.

NOTE Confidence: 0.819793701171875

 $00:34:25.890 \rightarrow 00:34:29.579$  So from the start of the pandemic,

NOTE Confidence: 0.819793701171875

 $00:34:29.580 \longrightarrow 00:34:32.736$  as some of you may know,

NOTE Confidence: 0.819793701171875

00:34:32.740 --> 00:34:35.375 Asko created a resource library

NOTE Confidence: 0.819793701171875

 $00:34:35.375 \rightarrow 00:34:38.010$  for care during the pandemic,

NOTE Confidence: 0.819793701171875

 $00{:}34{:}38{.}010 \dashrightarrow 00{:}34{:}41{.}626$  and I just want to highlight this because

NOTE Confidence: 0.819793701171875

 $00:34:41.626 \rightarrow 00:34:45.387$  this is another example of innovation.

NOTE Confidence: 0.819793701171875

 $00:34:45.390 \longrightarrow 00:34:48.020$  Where let's go really crowd

NOTE Confidence: 0.819793701171875

 $00:34:48.020 \dashrightarrow 00:34:50.124$  sourced from its membership.

NOTE Confidence: 0.819793701171875

 $00{:}34{:}50{.}130 \dashrightarrow 00{:}34{:}53{.}010$  W hat are the challenges for the

NOTE Confidence: 0.819793701171875

 $00:34:53.010 \rightarrow 00:34:55.980$  practitioner in the pandemic environment?

NOTE Confidence: 0.819793701171875

 $00{:}34{:}55{.}980 \dashrightarrow 00{:}34{:}57{.}279$  And then Furthermore,

NOTE Confidence: 0.819793701171875

 $00{:}34{:}57{.}279$  -->  $00{:}34{:}59{.}444$  crowd source the solutions and

 $00:34:59.444 \rightarrow 00:35:01.972$  work with its membership to arrive

NOTE Confidence: 0.819793701171875

 $00{:}35{:}01{.}972 \dashrightarrow 00{:}35{:}04{.}360$  at the solution says and answers

NOTE Confidence: 0.819793701171875

 $00:35:04.430 \rightarrow 00:35:06.490$  those questions and then compiled

NOTE Confidence: 0.819793701171875

 $00:35:06.490 \longrightarrow 00:35:08.969$  it all together into this into

NOTE Confidence: 0.819793701171875

 $00{:}35{:}08{.}969 \dashrightarrow 00{:}35{:}10{.}226$  this repository resources.

NOTE Confidence: 0.819793701171875

 $00:35:10.226 \longrightarrow 00:35:12.740$  So it really kind of shifted.

NOTE Confidence: 0.819793701171875

 $00{:}35{:}12.740 \dashrightarrow 00{:}35{:}15.924$  I think our relationship in a way with

NOTE Confidence: 0.819793701171875

 $00:35:15.924 \rightarrow 00:35:19.854$  our with our membership in a very direct way,

NOTE Confidence: 0.819793701171875

 $00:35:19.860 \longrightarrow 00:35:20.946$  and I think,

NOTE Confidence: 0.819793701171875

 $00:35:20.946 \longrightarrow 00:35:21.308$  operas,

NOTE Confidence: 0.819793701171875

 $00{:}35{:}21{.}308 \dashrightarrow 00{:}35{:}23{.}480$  lessons for how we can engage

NOTE Confidence: 0.861002624034882

 $00{:}35{:}23.553 \dashrightarrow 00{:}35{:}26.158$  our global membership going forward.

NOTE Confidence: 0.861002624034882

 $00:35:26.160 \longrightarrow 00:35:30.080$  So we took the insides from that repository,

NOTE Confidence: 0.861002624034882

 $00:35:30.080 \longrightarrow 00:35:33.419$  worked with our international members to kind

NOTE Confidence: 0.861002624034882

 $00:35:33.419 \longrightarrow 00:35:36.940$  of globalize the guidance and the insights,

NOTE Confidence: 0.861002624034882

 $00:35:36.940 \longrightarrow 00:35:39.490$  translated the report into 7

- NOTE Confidence: 0.861002624034882
- $00:35:39.490 \longrightarrow 00:35:43.239$  languages and put it out and to
- NOTE Confidence: 0.861002624034882
- $00:35:43.239 \dashrightarrow 00:35:45.989$  inform practice around the world.
- NOTE Confidence: 0.861002624034882
- $00:35:45.990 \longrightarrow 00:35:47.568$  Like everyone else,
- NOTE Confidence: 0.861002624034882
- $00:35:47.568 \rightarrow 00:35:50.198$  as goes been organizing webinars,
- NOTE Confidence: 0.861002624034882
- $00:35:50.200 \rightarrow 00:35:53.792$  I think for a society like ASCO that
- NOTE Confidence: 0.861002624034882
- $00:35:53.792 \rightarrow 00:35:57.040$  again has this global membership.
- NOTE Confidence: 0.861002624034882
- $00:35:57.040 \rightarrow 00:36:00.946$  The webinar series was really an
- NOTE Confidence: 0.861002624034882
- $00:36:00.946 \longrightarrow 00:36:04.042$  incredible experience because again we
- NOTE Confidence: 0.861002624034882
- $00{:}36{:}04.042 \dashrightarrow 00{:}36{:}07.178$  were able to tap into very early on
- NOTE Confidence: 0.861002624034882
- $00:36:07.178 \longrightarrow 00:36:10.740$  in the pandemic when it was really.
- NOTE Confidence: 0.861002624034882
- 00:36:10.740 --> 00:36:14.712 When Italy and Spain and Asia
- NOTE Confidence: 0.861002624034882
- $00{:}36{:}14.712 \dashrightarrow 00{:}36{:}17.360$  were really being affected.
- NOTE Confidence: 0.861002624034882
- $00:36:17.360 \longrightarrow 00:36:21.014$  Drastic way by the pandemic we were able to
- NOTE Confidence: 0.861002624034882
- $00:36:21.014 \rightarrow 00:36:24.969$  tap into our members in those countries and.
- NOTE Confidence: 0.861002624034882
- $00{:}36{:}24.970 \dashrightarrow 00{:}36{:}27.020$  Host webinars, connect them with
- NOTE Confidence: 0.861002624034882

 $00:36:27.020 \rightarrow 00:36:29.070$  our members in other countries,

NOTE Confidence: 0.861002624034882

 $00:36:29.070 \rightarrow 00:36:31.530$  understand what they were going through,

NOTE Confidence: 0.861002624034882

 $00:36:31.530 \rightarrow 00:36:34.400$  what they were learning on the ground,

NOTE Confidence: 0.861002624034882

 $00:36:34.400 \longrightarrow 00:36:37.304$  and incorporate that into lessons for for our

NOTE Confidence: 0.861002624034882

 $00:36:37.304 \longrightarrow 00:36:40.139$  members and constituents in other countries.

NOTE Confidence: 0.861002624034882

 $00:36:40.140 \longrightarrow 00:36:41.464$  So is a very,

NOTE Confidence: 0.861002624034882

 $00:36:41.464 \rightarrow 00:36:44.051$  very helpful way for us to connect

NOTE Confidence: 0.861002624034882

 $00:36:44.051 \rightarrow 00:36:47.105$  our membership and learn from them.

NOTE Confidence: 0.861002624034882

 $00:36:47.110 \longrightarrow 00:36:48.626$  And these were recorded.

NOTE Confidence: 0.861002624034882

 $00:36:48.626 \rightarrow 00:36:50.521$  So if you're interested there

NOTE Confidence: 0.861002624034882

00:36:50.521 --> 00:36:52.438 an ask's YouTube channel.

NOTE Confidence: 0.861002624034882

 $00:36:52.440 \longrightarrow 00:36:54.525$  All of those programs that

NOTE Confidence: 0.861002624034882

00:36:54.525 --> 00:36:56.193 I mentioned earlier on.

NOTE Confidence: 0.861002624034882

 $00:36:56.200 \longrightarrow 00:36:58.340$  We're shifting them over to

NOTE Confidence: 0.861002624034882

 $00{:}36{:}58{.}340 \dashrightarrow 00{:}36{:}59{.}196$  virtual frameworks.

NOTE Confidence: 0.861002624034882

 $00:36:59.200 \longrightarrow 00:37:02.210$  I won't get into this in detail.

- NOTE Confidence: 0.861002624034882
- $00{:}37{:}02{.}210 \dashrightarrow 00{:}37{:}04{.}472$  Happy to get into in the
- NOTE Confidence: 0.861002624034882
- $00{:}37{:}04.472 \dashrightarrow 00{:}37{:}06.930$  Q&A if there is interest,
- NOTE Confidence: 0.861002624034882
- $00:37:06.930 \longrightarrow 00:37:09.933$  so some of you may be familiar
- NOTE Confidence: 0.861002624034882
- 00:37:09.933 --> 00:37:11.220 with Project Echoes,
- NOTE Confidence: 0.861002624034882
- $00:37:11.220 \longrightarrow 00:37:14.644$  which is sort of a Tele education platform.
- NOTE Confidence: 0.861002624034882
- $00:37:14.650 \rightarrow 00:37:17.116$  So we're doing project Echoes with
- NOTE Confidence: 0.861002624034882
- $00{:}37{:}17.116 \dashrightarrow 00{:}37{:}19.276$  colleagues around the world case
- NOTE Confidence: 0.861002624034882
- $00:37:19.276 \rightarrow 00:37:21.076$  discussions we've been doing.
- NOTE Confidence: 0.861002624034882
- 00:37:21.080 --> 00:37:22.800 Even doing some guidelines
- NOTE Confidence: 0.861002624034882
- $00:37:22.800 \longrightarrow 00:37:24.090$  adaptation example here,
- NOTE Confidence: 0.861002624034882
- $00:37:24.090 \rightarrow 00:37:26.230$  working with colleagues and other.
- NOTE Confidence: 0.861002624034882
- $00{:}37{:}26{.}230 \dashrightarrow 00{:}37{:}28{.}360$  Countries around the world and
- NOTE Confidence: 0.861002624034882
- $00:37:28.360 \longrightarrow 00:37:29.638$  other collaborative projects.
- NOTE Confidence: 0.861002624034882
- $00:37:29.640 \dashrightarrow 00:37:33.048$  So what were some of the lessons learned?
- NOTE Confidence: 0.861002624034882
- 00:37:33.050 --> 00:37:34.000 So again,
- NOTE Confidence: 0.861002624034882

00:37:34.000 - 00:37:36.850 I think ask was learned quite

NOTE Confidence: 0.861002624034882

 $00:37:36.850 \longrightarrow 00:37:39.178$  a bit in terms of.

NOTE Confidence: 0.861002624034882

 $00:37:39.180 \longrightarrow 00:37:42.012$  It's meetings and how does it

NOTE Confidence: 0.861002624034882

 $00:37:42.012 \longrightarrow 00:37:44.672$  help to educate its membership

NOTE Confidence: 0.861002624034882

 $00:37:44.672 \longrightarrow 00:37:47.368$  in the cancer community?

NOTE Confidence: 0.861002624034882

 $00{:}37{:}47{.}370 \dashrightarrow 00{:}37{:}49{.}946$  There are ways that we can supplement

NOTE Confidence: 0.861002624034882

 $00{:}37{:}49{.}946 \dashrightarrow 00{:}37{:}52{.}532$  the in person education with with

NOTE Confidence: 0.861002624034882

 $00:37:52.532 \rightarrow 00:37:54.877$  the online and virtual elements,

NOTE Confidence: 0.861002624034882

 $00:37:54.880 \longrightarrow 00:37:56.545$  we've discovered ways that we

NOTE Confidence: 0.861002624034882

 $00:37:56.545 \longrightarrow 00:37:58.776$  can scale up our our global

NOTE Confidence: 0.861002624034882

 $00{:}37{:}58.776 \dashrightarrow 00{:}38{:}01.241$  impact through E volunteering and

NOTE Confidence: 0.861002624034882

 $00:38:01.241 \rightarrow 00:38:03.213$  exploring strategies around that.

NOTE Confidence: 0.861002624034882

 $00{:}38{:}03{.}220 \dashrightarrow 00{:}38{:}05{.}932$  And we've discovered ways that we

NOTE Confidence: 0.861002624034882

 $00{:}38{:}05{.}932 \dashrightarrow 00{:}38{:}08{.}885$  can engage our members in a much

NOTE Confidence: 0.861002624034882

 $00:38:08.885 \rightarrow 00:38:11.015$  more direct way to glean from

NOTE Confidence: 0.861002624034882

00:38:11.015 - 00:38:13.587 them their insights and put that

00:38:13.587 --> 00:38:16.153 into practice in terms of care,

NOTE Confidence: 0.861002624034882

00:38:16.153 --> 00:38:18.268 delivery, and research, I think.

NOTE Confidence: 0.861002624034882

 $00:38:18.270 \dashrightarrow 00:38:21.036$  Ask as members and practices learned

NOTE Confidence: 0.861002624034882

 $00:38:21.036 \rightarrow 00:38:24.370$  quite a bit from this experience.

NOTE Confidence: 0.861002624034882

 $00:38:24.370 \longrightarrow 00:38:27.406$  Just a preview of coming attractions.

NOTE Confidence: 0.861002624034882

 $00{:}38{:}27{.}410 \dashrightarrow 00{:}38{:}30{.}068$  As ko formed a task force called

NOTE Confidence: 0.861002624034882

 $00:38:30.068 \dashrightarrow 00:38:33.025$  the Road to Recovery Task Force

NOTE Confidence: 0.861002624034882

 $00:38:33.025 \rightarrow 00:38:35.755$  that outlines some very specific

NOTE Confidence: 0.861002624034882

 $00:38:35.755 \rightarrow 00:38:38.589$  lessons learned from the pandemic,

NOTE Confidence: 0.861002624034882

 $00{:}38{:}38{.}590 \dashrightarrow 00{:}38{:}41{.}050$  so efficiencies and innovations that

NOTE Confidence: 0.861002624034882

00:38:41.050 --> 00:38:44.116 can be applied to practice going

NOTE Confidence: 0.861002624034882

 $00{:}38{:}44.116 \dashrightarrow 00{:}38{:}46.208$  forward and these recommendations

NOTE Confidence: 0.861002624034882

 $00:38:46.208 \dashrightarrow 00:38:49.300$  will be published I believe soon.

NOTE Confidence: 0.861002624034882

 $00{:}38{:}49{.}300 \dashrightarrow 00{:}38{:}54{.}600$  And JC are so. Keep an eye out for that.

NOTE Confidence: 0.861002624034882

 $00{:}38{:}54{.}600 \dashrightarrow 00{:}38{:}55{.}755$  In the meantime,

 $00:38:55.755 \rightarrow 00:38:58.065$  turning again to Jaeseok level oncology.

NOTE Confidence: 0.861002624034882

 $00:38:58.070 \rightarrow 00:39:01.526$  I recommend that you take a look at this.

NOTE Confidence: 0.861002624034882

00:39:01.530 - 00:39:03.074 This really interesting paper

NOTE Confidence: 0.861002624034882

 $00:39:03.074 \rightarrow 00:39:04.618$  by Selene and colleagues.

NOTE Confidence: 0.861002624034882

 $00:39:04.620 \rightarrow 00:39:08.484$  Serve emphasizing some of these same points.

NOTE Confidence: 0.861002624034882

 $00{:}39{:}08{.}490 \dashrightarrow 00{:}39{:}11{.}808$  Ways that we can re imagine

NOTE Confidence: 0.861002624034882

 $00:39:11.808 \rightarrow 00:39:14.020$  global oncology clinical trials.

NOTE Confidence: 0.861002624034882

 $00:39:14.020 \longrightarrow 00:39:17.392$  So the increased use of technology

NOTE Confidence: 0.861002624034882

 $00{:}39{:}17{.}392 \dashrightarrow 00{:}39{:}19{.}640$  opportunities to so called

NOTE Confidence: 0.811478137969971

 $00{:}39{:}19{.}735 \dashrightarrow 00{:}39{:}22{.}316$  cut the clutter, make the

NOTE Confidence: 0.811478137969971

 $00:39:22.316 \rightarrow 00:39:24.528$  regulations and paperwork simplified.

NOTE Confidence: 0.811478137969971

 $00{:}39{:}24{.}530 \dashrightarrow 00{:}39{:}27{.}825$  Driving speedy approvals and always

NOTE Confidence: 0.811478137969971

00:39:27.825 --> 00:39:31.980 keeping the patient in the center.

NOTE Confidence: 0.811478137969971

 $00:39:31.980 \rightarrow 00:39:36.132$  So, looking beyond the pandemic and

NOTE Confidence: 0.811478137969971

 $00:39:36.132 \rightarrow 00:39:40.000$  future directions in global oncology.

NOTE Confidence: 0.853575110435486

00:39:43.100 --> 00:39:46.836 So here I actually just want to step

 $00:39:46.836 \longrightarrow 00:39:50.645$  back in time a little bit to 2016,

NOTE Confidence: 0.853575110435486

 $00:39:50.650 \longrightarrow 00:39:53.010$  which is so ask around.

NOTE Confidence: 0.853575110435486

 $00:39:53.010 \rightarrow 00:39:56.139$  This time the Board of directors of

NOTE Confidence: 0.853575110435486

 $00:39:56.139 \dashrightarrow 00:39:59.914$  ASCO convened a task force called the

NOTE Confidence: 0.853575110435486

00:39:59.914 --> 00:40:02.839 Global Oncology Leadership Task Force.

NOTE Confidence: 0.853575110435486

 $00{:}40{:}02{.}840 \dashrightarrow 00{:}40{:}05{.}794$  Charged with helping Oscar to chart the

NOTE Confidence: 0.853575110435486

 $00:40:05.794 \rightarrow 00:40:08.596$  next round of expansion Brasco globally

NOTE Confidence: 0.853575110435486

00:40:08.596 --> 00:40:11.991 and ask US role in global oncology.

NOTE Confidence: 0.853575110435486

 $00{:}40{:}12.000 \dashrightarrow 00{:}40{:}14.502$  One of the recommendations of this

NOTE Confidence: 0.853575110435486

 $00:40:14.502 \longrightarrow 00:40:17.040$  task force was the following.

NOTE Confidence: 0.853575110435486

 $00:40:17.040 \longrightarrow 00:40:20.267$  As you can see on this slide

NOTE Confidence: 0.853575110435486

 $00:40:20.267 \longrightarrow 00:40:22.529$  that there is a roll,

NOTE Confidence: 0.853575110435486

 $00{:}40{:}22.530 \dashrightarrow 00{:}40{:}25.736$  there's an opportunity for ask a transition.

NOTE Confidence: 0.853575110435486

 $00:40:25.740 \longrightarrow 00:40:26.882$  Global on cology.

NOTE Confidence: 0.853575110435486

 $00:40:26.882 \rightarrow 00:40:28.024$  From what?

00:40:28.024 --> 00:40:29.166 Had husband,

NOTE Confidence: 0.853575110435486

 $00:40:29.170 \longrightarrow 00:40:32.158$  largely informal field to a formal

NOTE Confidence: 0.853575110435486

 $00{:}40{:}32.158 \dashrightarrow 00{:}40{:}35.480$  field with a strong research component

NOTE Confidence: 0.853575110435486

 $00:40:35.480 \longrightarrow 00:40:38.570$  and recognize value to oncology

NOTE Confidence: 0.853575110435486

 $00:40:38.570 \longrightarrow 00:40:42.269$  training and the practices oncology.

NOTE Confidence: 0.853575110435486

 $00{:}40{:}42{.}270 \dashrightarrow 00{:}40{:}44{.}853$  So ask her being ask are then

NOTE Confidence: 0.853575110435486

 $00{:}40{:}44{.}853 \dashrightarrow 00{:}40{:}46{.}811$  formed another task force to

NOTE Confidence: 0.853575110435486

 $00:40:46.811 \longrightarrow 00:40:49.127$  look at this question in detail?

NOTE Confidence: 0.853575110435486

 $00{:}40{:}49{.}130 \dashrightarrow 00{:}40{:}52{.}238$  And this task force was chaired

NOTE Confidence: 0.853575110435486

 $00:40:52.238 \longrightarrow 00:40:53.792$  by Julie Gralow.

NOTE Confidence: 0.853575110435486

00:40:53.800 - > 00:40:55.465 With the following members and

NOTE Confidence: 0.853575110435486

 $00:40:55.465 \longrightarrow 00:40:57.130$  actually we just published the

NOTE Confidence: 0.853575110435486

 $00{:}40{:}57.193 \dashrightarrow 00{:}40{:}58.698$  recommendations of this task for

NOTE Confidence: 0.853575110435486

00:40:58.698 --> 00:41:00.750 us again on JCO Global Oncology.

NOTE Confidence: 0.853575110435486

 $00:41:00.750 \rightarrow 00:41:04.368$  I recommend that you take a look at it.

NOTE Confidence: 0.853575110435486

 $00:41:04.370 \longrightarrow 00:41:06.490$  But I'll go through that.

 $00:41:06.490 \longrightarrow 00:41:09.458$  Some of the highlights with you today.

NOTE Confidence: 0.853575110435486

 $00:41:09.460 \longrightarrow 00:41:12.274$  So first we had to define global

NOTE Confidence: 0.853575110435486

 $00{:}41{:}12{.}274 \dashrightarrow 00{:}41{:}14{.}120$  on card out there.

NOTE Confidence: 0.853575110435486

 $00:41:14.120 \rightarrow 00:41:15.924$  Need to have low,

NOTE Confidence: 0.853575110435486

 $00:41:15.924 \longrightarrow 00:41:17.728$  more specificity around this

NOTE Confidence: 0.853575110435486

 $00:41:17.728 \longrightarrow 00:41:19.863$  generally seen as the oncology

NOTE Confidence: 0.853575110435486

 $00:41:19.863 \longrightarrow 00:41:22.179$  as applied to go global health,

NOTE Confidence: 0.853575110435486

 $00{:}41{:}22.180 \dashrightarrow 00{:}41{:}25.228$  but the task force felt the need to

NOTE Confidence: 0.853575110435486

 $00{:}41{:}25{.}228 \dashrightarrow 00{:}41{:}28{.}109$  have some more definition on this.

NOTE Confidence: 0.853575110435486

 $00:41:28.110 \longrightarrow 00:41:30.654$  I'll pause here to let you

NOTE Confidence: 0.853575110435486

 $00:41:30.654 \longrightarrow 00:41:31.926$  read the definition.

NOTE Confidence: 0.864096403121948

 $00:41:38.210 \longrightarrow 00:41:40.445$  So a fairly comprehensive approach

NOTE Confidence: 0.864096403121948

 $00{:}41{:}40{.}445 \dashrightarrow 00{:}41{:}43{.}203$  and really speaks to the importance

NOTE Confidence: 0.864096403121948

 $00{:}41{:}43.203 \dashrightarrow 00{:}41{:}46.283$  of level on cology is not solely the

NOTE Confidence: 0.864096403121948

 $00{:}41{:}46.283 \dashrightarrow 00{:}41{:}49.212$  practice of oncology in a resource

00:41:49.212 --> 00:41:52.044 limited setting, but looking at it,

NOTE Confidence: 0.864096403121948

 $00{:}41{:}52.044 \dashrightarrow 00{:}41{:}54.349$  holistic Lee across the board,

NOTE Confidence: 0.864096403121948

 $00{:}41{:}54{.}350 \dashrightarrow 00{:}41{:}57{.}116$  and so I think that holistic

NOTE Confidence: 0.864096403121948

 $00:41:57.116 \longrightarrow 00:41:58.960$  approach is really important.

NOTE Confidence: 0.864096403121948

 $00:41:58.960 \longrightarrow 00:42:02.649$  So just kind of go through some

NOTE Confidence: 0.864096403121948

 $00{:}42{:}02{.}649 \dashrightarrow 00{:}42{:}04{.}820$  of the recommendations here.

NOTE Confidence: 0.864096403121948

 $00:42:04.820 \rightarrow 00:42:08.444$  The first was that, and by the way,

NOTE Confidence: 0.864096403121948

 $00{:}42{:}08{.}450 \dashrightarrow 00{:}42{:}11{.}628$  the Ask a board of directors has

NOTE Confidence: 0.864096403121948

 $00{:}42{:}11.628 \dashrightarrow 00{:}42{:}12.990$  approved these recommendations.

NOTE Confidence: 0.864096403121948

00:42:12.990 --> 00:42:15.180 Anasco is working to implement

NOTE Confidence: 0.864096403121948

 $00{:}42{:}15{.}180 \dashrightarrow 00{:}42{:}18{.}387$  these and I can provide some some

NOTE Confidence: 0.864096403121948

 $00:42:18.387 \longrightarrow 00:42:20.707$  highlights or updates on that.

NOTE Confidence: 0.864096403121948

00:42:20.710 --> 00:42:22.438 So first and foremost,

NOTE Confidence: 0.864096403121948

 $00:42:22.438 \rightarrow 00:42:24.598$  the importance of raising awareness

NOTE Confidence: 0.864096403121948

 $00{:}42{:}24{.}598 \dashrightarrow 00{:}42{:}27{.}148$  of global on cology and the

NOTE Confidence: 0.864096403121948

 $00:42:27.148 \rightarrow 00:42:29.698$  importance of our opportunities or

- NOTE Confidence: 0.864096403121948
- $00:42:29.698 \longrightarrow 00:42:31.903$  incorporating global oncology in heme
- NOTE Confidence: 0.864096403121948
- 00:42:31.903 --> 00:42:34.327 ONC and met on training programs.
- NOTE Confidence: 0.864096403121948
- $00{:}42{:}34{.}330 \dashrightarrow 00{:}42{:}37{.}557$  And I'd be really interested to hear.
- NOTE Confidence: 0.864096403121948
- $00:42:37.560 \longrightarrow 00:42:39.568$  What yells experienced in
- NOTE Confidence: 0.864096403121948
- $00:42:39.568 \longrightarrow 00:42:42.078$  has been in this regard,
- NOTE Confidence: 0.864096403121948
- $00:42:42.080 \longrightarrow 00:42:43.586$  and what opportunities,
- NOTE Confidence: 0.864096403121948
- $00:42:43.586 \longrightarrow 00:42:46.093$  if any, provide your your
- NOTE Confidence: 0.864096403121948
- $00:42:46.093 \rightarrow 00:42:48.097$  trainees in global programs?
- NOTE Confidence: 0.864096403121948
- $00{:}42{:}48.100 \dashrightarrow 00{:}42{:}50.842$  Because Asko Ashley and in talking
- NOTE Confidence: 0.864096403121948
- $00:42:50.842 \longrightarrow 00:42:54.130$  with a CG MA am identified?
- NOTE Confidence: 0.864096403121948
- $00:42:54.130 \longrightarrow 00:42:56.535$  I think more opportunities for
- NOTE Confidence: 0.864096403121948
- $00{:}42{:}56{.}535 \dashrightarrow 00{:}42{:}58{.}940$  innovation around the training programs
- NOTE Confidence: 0.864096403121948
- $00{:}42{:}59.016 \dashrightarrow 00{:}43{:}01.148$  that was previously understood.
- NOTE Confidence: 0.864096403121948
- $00{:}43{:}01{.}150 \dashrightarrow 00{:}43{:}03{.}478$  So there's no.
- NOTE Confidence: 0.864096403121948
- $00:43:03.478 \longrightarrow 00:43:05.806$  And then beyond.
- NOTE Confidence: 0.864096403121948

 $00:43:05.810 \rightarrow 00:43:09.638$  Demog working with other special societies,

NOTE Confidence: 0.864096403121948

00:43:09.640 --> 00:43:13.204 Astro and so forth to identify

NOTE Confidence: 0.864096403121948

 $00:43:13.204 \rightarrow 00:43:15.580$  opportunities for global to

NOTE Confidence: 0.864096403121948

 $00:43:15.684 \rightarrow 00:43:19.554$  incorporate global oncology in the

NOTE Confidence: 0.864096403121948

 $00:43:19.554 \rightarrow 00:43:22.650$  training of other subspecialties.

NOTE Confidence: 0.864096403121948

 $00:43:22.650 \dashrightarrow 00:43:24.798$  So global oncology competency.

NOTE Confidence: 0.864096403121948

 $00:43:24.798 \longrightarrow 00:43:26.946$  So what is it?

NOTE Confidence: 0.864096403121948

 $00:43:26.950 \rightarrow 00:43:30.716$  What's required to do global on koleji?

NOTE Confidence: 0.864096403121948

00:43:30.720 --> 00:43:33.168 So ASCA will actually be coming

NOTE Confidence: 0.864096403121948

 $00:43:33.168 \rightarrow 00:43:35.820$  out with a companion publication,

NOTE Confidence: 0.864096403121948

 $00:43:35.820 \longrightarrow 00:43:38.304$  hopefully in the soon in the

NOTE Confidence: 0.864096403121948

 $00:43:38.304 \rightarrow 00:43:40.588$  coming year on specifically what

NOTE Confidence: 0.864096403121948

00:43:40.588 --> 00:43:42.780 global oncology competences are,

NOTE Confidence: 0.864096403121948

 $00{:}43{:}42.780 \dashrightarrow 00{:}43{:}45.700$  so some of them are in a traditional

NOTE Confidence: 0.864096403121948

 $00:43:45.700 \longrightarrow 00:43:48.296$  sort of global health framework

NOTE Confidence: 0.864096403121948

 $00:43:48.296 \longrightarrow 00:43:50.668$  or global health training.

 $00:43:50.670 \longrightarrow 00:43:53.322$  And then there are aspects to

NOTE Confidence: 0.864096403121948

00:43:53.322 --> 00:43:55.634 on kologie in the practice of

NOTE Confidence: 0.864096403121948

 $00:43:55.634 \rightarrow 00:43:57.924$  oncologix in a resource limited

NOTE Confidence: 0.864096403121948

 $00:43:57.924 \rightarrow 00:44:00.890$  setting that one would not normally.

NOTE Confidence: 0.864096403121948

 $00:44:00.890 \dashrightarrow 00:44:04.616$  Receive as part of their standard.

NOTE Confidence: 0.864096403121948

 $00{:}44{:}04{.}620 \dashrightarrow 00{:}44{:}09{.}260$  Oncology training and so we outline of those.

NOTE Confidence: 0.864096403121948

00:44:09.260 --> 00:44:14.030 Does competency Zaskia perceives them?

NOTE Confidence: 0.864096403121948

 $00{:}44{:}14.030 \dashrightarrow 00{:}44{:}15.222$  And then we can.

NOTE Confidence: 0.864096403121948

 $00:44:15.222 \longrightarrow 00:44:17.010$  There's a role for us going

NOTE Confidence: 0.864096403121948

 $00:44:17.080 \longrightarrow 00:44:19.450$  creating a repository of these

NOTE Confidence: 0.864096403121948

00:44:19.450 --> 00:44:21.346 training opportunities and resources

NOTE Confidence: 0.864096403121948

 $00{:}44{:}21{.}346 \dashrightarrow 00{:}44{:}23{.}179$  as the field develops.

NOTE Confidence: 0.864096403121948

 $00{:}44{:}23.180 \dashrightarrow 00{:}44{:}25.840$  As the formal academic discipline.

NOTE Confidence: 0.864096403121948

 $00{:}44{:}25.840 \dashrightarrow 00{:}44{:}29.809$  So turning them to research and practice.

NOTE Confidence: 0.864096403121948

 $00{:}44{:}29{.}810 \dashrightarrow 00{:}44{:}32{.}510$  We need to advocate for the

 $00:44:32.510 \longrightarrow 00:44:34.764$  importance of global oncology research

NOTE Confidence: 0.864096403121948

 $00:44:34.764 \longrightarrow 00:44:37.732$  and I just want to pause here a

NOTE Confidence: 0.864096403121948

 $00{:}44{:}37{.}732 \dashrightarrow 00{:}44{:}40{.}783$  moment to to make a point that I

NOTE Confidence: 0.864096403121948

 $00:44:40.783 \rightarrow 00:44:42.306$  think is particularly important.

NOTE Confidence: 0.864096403121948

00:44:42.306 --> 00:44:45.960 I, you know, I think we have sort of.

NOTE Confidence: 0.864096403121948

 $00:44:45.960 \longrightarrow 00:44:49.220$  Sometimes created sort of

NOTE Confidence: 0.864096403121948

 $00:44:49.220 \longrightarrow 00:44:51.665$  false distinction between.

NOTE Confidence: 0.864096403121948

 $00:44:51.670 \rightarrow 00:44:53.562$  Addressing disparities and access

NOTE Confidence: 0.864096403121948

 $00{:}44{:}53{.}562 \dashrightarrow 00{:}44{:}56{.}935$  to care issues in the United States

NOTE Confidence: 0.864096403121948

 $00{:}44{:}56{.}935 \dashrightarrow 00{:}44{:}59{.}635$  and disparities in access to care

NOTE Confidence: 0.864096403121948

 $00{:}44{:}59{.}635 \dashrightarrow 00{:}45{:}02{.}140$  issues outside the United States.

NOTE Confidence: 0.864096403121948

 $00:45:02.140 \longrightarrow 00:45:05.476$  So one we sort of think as sort

NOTE Confidence: 0.864096403121948

 $00{:}45{:}05{.}476 \dashrightarrow 00{:}45{:}08{.}510$  of domestic issues and then press

NOTE Confidence: 0.864096403121948

 $00:45:08.510 \longrightarrow 00:45:11.654$  or sort of global health issues.

NOTE Confidence: 0.864096403121948

 $00:45:11.660 \rightarrow 00:45:14.264$  I think there is a huge opportunity

NOTE Confidence: 0.864096403121948

 $00:45:14.264 \longrightarrow 00:45:17.131$  for us to breakdown that barrier

 $00:45:17.131 \rightarrow 00:45:19.901$  so the global oncology research

NOTE Confidence: 0.864096403121948

 $00:45:19.901 \longrightarrow 00:45:21.680$  can directly inform.

NOTE Confidence: 0.864096403121948

 $00:45:21.680 \rightarrow 00:45:24.425$  The insights and the improvements

NOTE Confidence: 0.864096403121948

 $00:45:24.425 \longrightarrow 00:45:27.717$  to care that we potentially can

NOTE Confidence: 0.864096403121948

 $00{:}45{:}27.717 \dashrightarrow 00{:}45{:}29.967$  make in the United States.

NOTE Confidence: 0.864096403121948

 $00:45:29.970 \longrightarrow 00:45:31.521$  So, for example,

NOTE Confidence: 0.864096403121948

 $00{:}45{:}31{.}521 \dashrightarrow 00{:}45{:}34{.}623$  in innovation around access to care,

NOTE Confidence: 0.864096403121948

 $00{:}45{:}34{.}630 \dashrightarrow 00{:}45{:}38{.}542$  that's this developed in Mumbai or in in

NOTE Confidence: 0.864096403121948

 $00{:}45{:}38{.}542 \dashrightarrow 00{:}45{:}41{.}877$  another setting outside the United States,

NOTE Confidence: 0.864096403121948

 $00:45:41.880 \rightarrow 00:45:44.532$  can provide insights to improve access

NOTE Confidence: 0.864096403121948

 $00:45:44.532 \rightarrow 00:45:48.760$  to care in the rural United States or

NOTE Confidence: 0.864096403121948

 $00:45:48.760 \rightarrow 00:45:51.725$  other disadvantaged areas in populations.

NOTE Confidence: 0.888849437236786

 $00{:}45{:}51{.}730 \dashrightarrow 00{:}45{:}54{.}334$  So we need to sort of think

NOTE Confidence: 0.888849437236786

 $00{:}45{:}54{.}334 \dashrightarrow 00{:}45{:}57{.}631$  about the role for this kind of

NOTE Confidence: 0.888849437236786

 $00{:}45{:}57.631 \dashrightarrow 00{:}45{:}59.715$  research domestically as well.

- $00:45:59.720 \longrightarrow 00:46:01.061$  Make that case.
- NOTE Confidence: 0.888849437236786
- 00:46:01.061 --> 00:46:04.190 So we need to find bridge funding
- NOTE Confidence: 0.888849437236786
- $00:46:04.287 \longrightarrow 00:46:07.521$  so there is funding for getting
- NOTE Confidence: 0.888849437236786
- $00:46:07.521 \rightarrow 00:46:10.590$  started and global oncology research.
- NOTE Confidence: 0.888849437236786
- $00{:}46{:}10.590 \dashrightarrow 00{:}46{:}13.045$  But we need to support
- NOTE Confidence: 0.888849437236786
- $00:46:13.045 \longrightarrow 00:46:14.518$  investigators through the.
- NOTE Confidence: 0.888849437236786
- $00:46:14.520 \longrightarrow 00:46:17.088$  The continued part of their their
- NOTE Confidence: 0.888849437236786
- $00:46:17.088 \rightarrow 00:46:19.768$  profession and keep them on the path.
- NOTE Confidence: 0.888849437236786
- 00:46:19.770 --> 00:46:21.204 Through Jaeseok live
- NOTE Confidence: 0.888849437236786
- $00:46:21.204 \rightarrow 00:46:23.116$  oncology and other channels,
- NOTE Confidence: 0.888849437236786
- $00{:}46{:}23.120 \dashrightarrow 00{:}46{:}25.505$  we've been to same disseminating
- NOTE Confidence: 0.888849437236786
- $00:46:25.505 \rightarrow 00:46:26.936$  global oncology research.
- NOTE Confidence: 0.888849437236786
- $00:46:26.940 \longrightarrow 00:46:30.286$  But are there opportunities for us to,
- NOTE Confidence: 0.888849437236786
- $00:46:30.290 \longrightarrow 00:46:31.222$  for example,
- NOTE Confidence: 0.888849437236786
- $00{:}46{:}31.222 \dashrightarrow 00{:}46{:}34.018$  present more scientific research at the
- NOTE Confidence: 0.888849437236786
- $00:46:34.018 \rightarrow 00:46:36.999$  ASCO annual Meeting on Global Oncology?

- NOTE Confidence: 0.888849437236786
- $00:46:37.000 \longrightarrow 00:46:39.868$  And how can we do that?
- NOTE Confidence: 0.888849437236786
- $00:46:39.870 \longrightarrow 00:46:42.522$  And then we need to promote
- NOTE Confidence: 0.888849437236786
- $00{:}46{:}42.522 \dashrightarrow 00{:}46{:}44.290$  equitable relationships between the
- NOTE Confidence: 0.888849437236786
- $00:46:44.369 \rightarrow 00:46:47.039$  researchers in high resource settings.
- NOTE Confidence: 0.888849437236786
- 00:46:47.040 --> 00:46:48.948 An investigators in the
- NOTE Confidence: 0.888849437236786
- 00:46:48.948 --> 00:46:50.379 lower resource settings,
- NOTE Confidence: 0.888849437236786
- $00:46:50.380 \longrightarrow 00:46:53.308$  making sure that we're learning from
- NOTE Confidence: 0.888849437236786
- $00{:}46{:}53{.}308 \dashrightarrow 00{:}46{:}55{.}783$  the list ening to investigators in
- NOTE Confidence: 0.888849437236786
- $00:46:55.783 \rightarrow 00:46:58.028$  those layers or resource settings,
- NOTE Confidence: 0.888849437236786
- $00:46:58.030 \longrightarrow 00:47:01.724$  because that's the whole point, isn't it?
- NOTE Confidence: 0.888849437236786
- $00:47:01.724 \longrightarrow 00:47:04.332$  Making sure that that's
- NOTE Confidence: 0.888849437236786
- $00:47:04.332 \longrightarrow 00:47:05.636$  equitable relationship.
- NOTE Confidence: 0.888849437236786
- $00{:}47{:}05{.}640 \dashrightarrow 00{:}47{:}08{.}440$  And then in terms of
- NOTE Confidence: 0.888849437236786
- $00{:}47{:}08{.}440 \dashrightarrow 00{:}47{:}09{.}560$  professional development.
- NOTE Confidence: 0.888849437236786
- $00{:}47{:}09{.}560 \dashrightarrow 00{:}47{:}13{.}200$  This role for ASCO as a professional home
- NOTE Confidence: 0.888849437236786

 $00:47:13.200 \rightarrow 00:47:16.808$  for the global oncologist community.

NOTE Confidence: 0.888849437236786

 $00:47:16.810 \rightarrow 00:47:19.744$  So for the next generation helping

NOTE Confidence: 0.888849437236786

 $00:47:19.744 \rightarrow 00:47:22.392$  to connect them with networking

NOTE Confidence: 0.888849437236786

 $00:47:22.392 \rightarrow 00:47:25.968$  opportunities to be mentored from The

NOTE Confidence: 0.888849437236786

 $00{:}47{:}25{.}968 \dashrightarrow 00{:}47{:}29{.}558$  Pioneers in global on cology and being

NOTE Confidence: 0.888849437236786

 $00:47:29.558 \rightarrow 00:47:32.403$  a repository for career opportunities

NOTE Confidence: 0.888849437236786

 $00:47:32.403 \rightarrow 00:47:35.674$  as they emerge in global oncology.

NOTE Confidence: 0.888849437236786

00:47:35.674 --> 00:47:37.267 As I said,

NOTE Confidence: 0.888849437236786

 $00:47:37.270 \longrightarrow 00:47:39.826$  there are many pioneers in this

NOTE Confidence: 0.888849437236786

 $00:47:39.826 \longrightarrow 00:47:42.849$  field and the role for professional

NOTE Confidence: 0.888849437236786

 $00:47:42.849 \rightarrow 00:47:46.533$  society like Oscar to recognize these

NOTE Confidence: 0.888849437236786

 $00:47:46.533 \rightarrow 00:47:49.103$  leaders celebrate them and again

NOTE Confidence: 0.888849437236786

 $00{:}47{:}49{.}103 \dashrightarrow 00{:}47{:}52{.}029$  support the emergence of this as a

NOTE Confidence: 0.888849437236786

 $00:47:52.030 \rightarrow 00:47:54.485$  respected and recognized field and

NOTE Confidence: 0.888849437236786

 $00:47:54.485 \rightarrow 00:47:56.449$  then some overall recommendations.

NOTE Confidence: 0.888849437236786

 $00:47:56.450 \rightarrow 00:47:58.318$  Integrating global oncology into

- NOTE Confidence: 0.888849437236786
- $00:47:58.318 \longrightarrow 00:48:00.186$  all those international programs
- NOTE Confidence: 0.888849437236786
- 00:48:00.186 --> 00:48:02.202 that I highlighted previously
- NOTE Confidence: 0.888849437236786
- $00:48:02.202 \rightarrow 00:48:04.732$  on the importance of partnering
- NOTE Confidence: 0.888849437236786
- $00:48:04.732 \rightarrow 00:48:06.840$  with oncology societies another.
- NOTE Confidence: 0.888849437236786
- 00:48:06.840 --> 00:48:08.334 Organizations including DNC.
- NOTE Confidence: 0.888849437236786
- 00:48:08.334 --> 00:48:11.322 I've NCI Center for Global Health
- NOTE Confidence: 0.888849437236786
- $00:48:11.322 \longrightarrow 00:48:13.199$  in the ovary center.
- NOTE Confidence: 0.888849437236786
- $00:48:13.200 \longrightarrow 00:48:15.880$  So in the time remaining,
- NOTE Confidence: 0.888849437236786
- 00:48:15.880 --> 00:48:20.160 I hope I'm still doing OK with time.
- NOTE Confidence: 0.888849437236786
- $00{:}48{:}20{.}160 \dashrightarrow 00{:}48{:}22{.}300$  Just a few sort
- NOTE Confidence: 0.857632040977478
- $00:48:22.300 \longrightarrow 00:48:24.440$  of personal reflections on
- NOTE Confidence: 0.857632040977478
- 00:48:24.440 --> 00:48:27.040 10 minutes. Doug perfect. So
- NOTE Confidence: 0.80366438627243
- $00{:}48{:}27{.}040 \dashrightarrow 00{:}48{:}30{.}197$  these are sort of more my personal
- NOTE Confidence: 0.80366438627243
- 00:48:30.197 --> 00:48:31.550 reflections don't necessarily
- NOTE Confidence: 0.80366438627243
- 00:48:31.624 --> 00:48:33.809 reflect ask as formal position,
- NOTE Confidence: 0.80366438627243

 $00:48:33.810 \longrightarrow 00:48:36.378$  but as was mentioned in the

NOTE Confidence: 0.80366438627243

00:48:36.378 --> 00:48:38.090 introduction and thanks again

NOTE Confidence: 0.80366438627243

 $00:48:38.166 \longrightarrow 00:48:40.566$  for that very kind introduction.

NOTE Confidence: 0.80366438627243

 $00{:}48{:}40{.}570 \dashrightarrow 00{:}48{:}42{.}378$  I came to ask.

NOTE Confidence: 0.80366438627243

 $00{:}48{:}42.378 \dashrightarrow 00{:}48{:}45.080$  Oh, not from the cancer community.

NOTE Confidence: 0.80366438627243

00:48:45.080 --> 00:48:46.884 I didn't have professional

NOTE Confidence: 0.80366438627243

00:48:46.884 --> 00:48:48.237 background and cancer,

NOTE Confidence: 0.80366438627243

00:48:48.240 --> 00:48:51.159 certainly not on koleji And I was

NOTE Confidence: 0.80366438627243

 $00{:}48{:}51{.}159 \dashrightarrow 00{:}48{:}54{.}968$  new to the Medical Association field,

NOTE Confidence: 0.80366438627243

 $00{:}48{:}54{.}970 \dashrightarrow 00{:}48{:}58{.}338$  so I came from the standard sort of

NOTE Confidence: 0.80366438627243

 $00{:}48{:}58{.}338 \dashrightarrow 00{:}49{:}01{.}338$  global health international NGO world.

NOTE Confidence: 0.80366438627243

 $00:49:01.340 \longrightarrow 00:49:04.896$  So with that sort of outsiders press

NOTE Confidence: 0.80366438627243

 $00:49:04.896 \rightarrow 00:49:07.423$  perspective really kind of actually

NOTE Confidence: 0.80366438627243

 $00:49:07.423 \longrightarrow 00:49:10.153$  came clear to me quite quickly.

NOTE Confidence: 0.80366438627243

 $00:49:10.160 \rightarrow 00:49:12.004$  What a huge environment,

NOTE Confidence: 0.80366438627243

00:49:12.004 --> 00:49:14.309 vibrant and surprisingly for me

- NOTE Confidence: 0.80366438627243
- 00:49:14.309 --> 00:49:16.039 surprisingly vibrant community,
- NOTE Confidence: 0.80366438627243
- $00:49:16.040 \longrightarrow 00:49:18.000$  the oncologist society community
- NOTE Confidence: 0.80366438627243
- $00:49:18.000 \rightarrow 00:49:22.362$  is so not just ask, of course.
- NOTE Confidence: 0.80366438627243
- $00:49:22.362 \rightarrow 00:49:28.098$  Ash Astro ACR pathology societies ACP.
- NOTE Confidence: 0.80366438627243
- $00:49:28.100 \longrightarrow 00:49:31.076$  Mother's doing great work.
- NOTE Confidence: 0.80366438627243
- $00{:}49{:}31.076 \dashrightarrow 00{:}49{:}33.308$  International societies with.
- NOTE Confidence: 0.80366438627243
- $00:49:33.310 \longrightarrow 00:49:34.766$  Sigh up in Pediatrics.
- NOTE Confidence: 0.80366438627243
- 00:49:34.766 --> 00:49:36.950 I ogan geriatric oncology and of
- NOTE Confidence: 0.80366438627243
- $00{:}49{:}37.025 \dashrightarrow 00{:}49{:}39.145$  course all the national societies
- NOTE Confidence: 0.80366438627243
- $00:49:39.145 \longrightarrow 00:49:41.265$  in countries around the world.
- NOTE Confidence: 0.80366438627243
- $00:49:41.270 \longrightarrow 00:49:44.446$  And so when I look at this community,
- NOTE Confidence: 0.80366438627243
- 00:49:44.450 --> 00:49:47.250 I just I see a huge opportunity for
- NOTE Confidence: 0.80366438627243
- $00{:}49{:}47{.}250 \dashrightarrow 00{:}49{:}49{.}797$  societies like Oscar to support Global
- NOTE Confidence: 0.80366438627243
- 00:49:49.797 --> 00:49:52.012 Cancer Control and Global Health.
- NOTE Confidence: 0.80366438627243
- $00:49:52.020 \rightarrow 00:49:53.118$  You know when?
- NOTE Confidence: 0.80366438627243

 $00{:}49{:}53.118 \dashrightarrow 00{:}49{:}56.141$  When I was working with the Red Cross

NOTE Confidence: 0.80366438627243

00:49:56.141 --> 00:49:58.808 and we would do start a program

NOTE Confidence: 0.80366438627243

 $00:49:58.808 \rightarrow 00:50:01.170$  in another in another country,

NOTE Confidence: 0.80366438627243

 $00:50:01.170 \rightarrow 00:50:03.165$  there are significant investments that

NOTE Confidence: 0.80366438627243

 $00:50:03.165 \longrightarrow 00:50:05.160$  International Energy needs to make.

NOTE Confidence: 0.80366438627243

 $00{:}50{:}05{.}160 \dashrightarrow 00{:}50{:}07{.}190$  To do programs you know you need

NOTE Confidence: 0.80366438627243

 $00:50:07.190 \longrightarrow 00:50:09.624$  to set up the field office hire

NOTE Confidence: 0.80366438627243

 $00{:}50{:}09{.}624 \dashrightarrow 00{:}50{:}11{.}489$  staff and stones these Jeeps

NOTE Confidence: 0.80366438627243

 $00{:}50{:}11.489 \dashrightarrow 00{:}50{:}13.866$  you know all that sort of thing.

NOTE Confidence: 0.80366438627243

 $00:50:13.870 \longrightarrow 00:50:15.875$  These international NGOs would would

NOTE Confidence: 0.80366438627243

 $00{:}50{:}15.875 \dashrightarrow 00{:}50{:}18.718$  give their right arm for the assets

NOTE Confidence: 0.80366438627243

 $00{:}50{:}18.718 \dashrightarrow 00{:}50{:}20.246$  that societies potentially can

NOTE Confidence: 0.80366438627243

 $00:50:20.246 \rightarrow 00:50:22.959$  bring to bear to to global health.

NOTE Confidence: 0.80366438627243

 $00{:}50{:}22.960 \dashrightarrow 00{:}50{:}25.774$  So first and foremost we have our

NOTE Confidence: 0.80366438627243

 $00:50:25.774 \rightarrow 00:50:28.433$  members that depth of the knowledge

NOTE Confidence: 0.80366438627243

 $00:50:28.433 \rightarrow 00:50:31.169$  of our members and their experience.

 $00:50:31.170 \longrightarrow 00:50:33.090$  Which is a huge asset.

NOTE Confidence: 0.80366438627243

00:50:33.090 - 00:50:35.388 These members are in the field,

NOTE Confidence: 0.80366438627243

 $00:50:35.390 \longrightarrow 00:50:37.758$  so right now as we speak we have

NOTE Confidence: 0.80366438627243

 $00:50:37.758 \rightarrow 00:50:39.814$  hundreds of ASCO members practicing

NOTE Confidence: 0.80366438627243

 $00:50:39.814 \rightarrow 00:50:43.062$  oncology and low and middle income countries.

NOTE Confidence: 0.80366438627243

00:50:43.070 - > 00:50:46.038 This is their day today and the

NOTE Confidence: 0.80366438627243

 $00:50:46.038 \rightarrow 00:50:48.146$  insights and experiences that they

NOTE Confidence: 0.80366438627243

 $00:50:48.146 \rightarrow 00:50:50.792$  have from their practice is a huge

NOTE Confidence: 0.80366438627243

 $00{:}50{:}50{.}792 \dashrightarrow 00{:}50{:}53{.}253$  asset as we think about how to

NOTE Confidence: 0.80366438627243

 $00:50:53.253 \rightarrow 00:50:55.430$  improve the care in these settings.

NOTE Confidence: 0.80366438627243

00:50:55.430 --> 00:50:56.270 The network,

NOTE Confidence: 0.80366438627243

 $00:50:56.270 \longrightarrow 00:50:58.370$  so these members all have

NOTE Confidence: 0.80366438627243

 $00:50:58.370 \longrightarrow 00:50:59.730$  professional relationships,

NOTE Confidence: 0.80366438627243

 $00{:}50{:}59{.}730 \dashrightarrow 00{:}51{:}00{.}990$  formal and informal,

NOTE Confidence: 0.80366438627243

 $00:51:00.990 \rightarrow 00:51:03.930$  that we can tap into to improve,

 $00:51:03.930 \longrightarrow 00:51:05.190$  to deliver programs.

NOTE Confidence: 0.80366438627243

00:51:05.190 --> 00:51:07.290 Societies are always forward looking,

NOTE Confidence: 0.80366438627243

 $00:51:07.290 \longrightarrow 00:51:09.375$  so a big research component

NOTE Confidence: 0.80366438627243

00:51:09.375 - 00:51:12.369 always like you know what is the

NOTE Confidence: 0.80366438627243

 $00{:}51{:}12{.}369 \dashrightarrow 00{:}51{:}14{.}847$  evidence says so in our guidelines.

NOTE Confidence: 0.80366438627243

 $00{:}51{:}14.850 \dashrightarrow 00{:}51{:}16.950$  In our in our presentations.

NOTE Confidence: 0.80366438627243

 $00:51:16.950 \longrightarrow 00:51:20.072$  In our in our publications it's always

NOTE Confidence: 0.80366438627243

 $00:51:20.072 \rightarrow 00:51:23.418$  forward looking and building on the evidence.

NOTE Confidence: 0.80366438627243

 $00{:}51{:}23{.}420 \dashrightarrow 00{:}51{:}24{.}836$  Societies have authority.

NOTE Confidence: 0.80366438627243

00:51:24.836 --> 00:51:26.724 It's societies like Oscar.

NOTE Confidence: 0.80366438627243

 $00{:}51{:}26.730 \dashrightarrow 00{:}51{:}29.160$  Their opinion is respected and

NOTE Confidence: 0.80366438627243

 $00:51:29.160 \longrightarrow 00:51:32.146$  carries weight and related to that

NOTE Confidence: 0.80366438627243

 $00:51:32.146 \longrightarrow 00:51:34.966$  we have influence that we have

NOTE Confidence: 0.80366438627243

 $00:51:34.966 \rightarrow 00:51:37.352$  access to policy makers either in

NOTE Confidence: 0.80366438627243

 $00{:}51{:}37{.}352 \dashrightarrow 00{:}51{:}40{.}028$  the United States or are members

NOTE Confidence: 0.80366438627243

 $00:51:40.028 \longrightarrow 00:51:42.282$  in countries around the world.

- NOTE Confidence: 0.80366438627243
- 00:51:42.282 --> 00:51:45.006 Often are in position to influence
- NOTE Confidence: 0.80366438627243
- 00:51:45.006 00:51:47.539 policy makers in their countries.
- NOTE Confidence: 0.80366438627243
- $00{:}51{:}47{.}540 \dashrightarrow 00{:}51{:}50{.}420$  So taken together there is enormous
- NOTE Confidence: 0.80366438627243
- $00{:}51{:}50{.}420 \dashrightarrow 00{:}51{:}52{.}906$  potential life thing for societies
- NOTE Confidence: 0.80366438627243
- $00:51:52.906 \longrightarrow 00:51:55.306$  to have a positive impact.
- NOTE Confidence: 0.80366438627243
- $00:51:55.310 \longrightarrow 00:51:57.554$  In in global oncology in global
- NOTE Confidence: 0.80366438627243
- $00:51:57.554 \rightarrow 00:51:59.504$  health generally it maybe because
- NOTE Confidence: 0.80366438627243
- $00:51:59.504 \longrightarrow 00:52:01.419$  I've two teenagers at home.
- NOTE Confidence: 0.80366438627243
- 00:52:01.420 --> 00:52:04.476 I sort of think of it this way,
- NOTE Confidence: 0.80366438627243
- $00:52:04.480 \longrightarrow 00:52:06.365$  but I think the societies
- NOTE Confidence: 0.80366438627243
- $00{:}52{:}06{.}365 \dashrightarrow 00{:}52{:}08{.}250$  and global health are at
- NOTE Confidence: 0.847718417644501
- $00{:}52{:}08{.}327 \dashrightarrow 00{:}52{:}10{.}589$  a sort of an adolescent stage.
- NOTE Confidence: 0.847718417644501
- $00:52:10.590 \longrightarrow 00:52:12.882$  I think we're just scratching the
- NOTE Confidence: 0.847718417644501
- 00:52:12.882 --> 00:52:14.410 surface were growing internationally,
- NOTE Confidence: 0.847718417644501
- 00:52:14.410 > 00:52:16.320 starting to apply our strengths,
- NOTE Confidence: 0.847718417644501

 $00:52:16.320 \longrightarrow 00:52:18.939$  but but I think we can do more where

NOTE Confidence: 0.847718417644501

 $00:52:18.939 \rightarrow 00:52:21.583$  the challenges of the world and figuring

NOTE Confidence: 0.847718417644501

 $00{:}52{:}21.583 \dashrightarrow 00{:}52{:}25.048$  out what is the role for societies like

NOTE Confidence: 0.847718417644501

 $00:52:25.048 \dashrightarrow 00:52:27.393$  As cot to address these challenges.

NOTE Confidence: 0.847718417644501

 $00{:}52{:}27{.}400 \dashrightarrow 00{:}52{:}29{.}195$  ASKO, in other societies were

NOTE Confidence: 0.847718417644501

00:52:29.195 --> 00:52:32.034 not going to do it all. You know.

NOTE Confidence: 0.847718417644501

 $00:52:32.034 \longrightarrow 00:52:34.690$  We have our niche you can see in

NOTE Confidence: 0.847718417644501

 $00:52:34.775 \longrightarrow 00:52:37.145$  the bottom right of the slide.

NOTE Confidence: 0.847718417644501

 $00{:}52{:}37{.}150 \dashrightarrow 00{:}52{:}39{.}160$  Our tagline knowledge conquers cancer or

NOTE Confidence: 0.847718417644501

 $00:52:39.160 \rightarrow 00:52:41.480$  focuses on knowledge and capacity building.

NOTE Confidence: 0.847718417644501

 $00{:}52{:}41{.}480 \dashrightarrow 00{:}52{:}44{.}664$  How does that slot into the other components

NOTE Confidence: 0.847718417644501

 $00:52:44.664 \rightarrow 00:52:47.450$  of global oncology in global health?

NOTE Confidence: 0.847718417644501

 $00:52:47.450 \longrightarrow 00:52:48.216$  And overall,

NOTE Confidence: 0.847718417644501

 $00{:}52{:}48.216 \dashrightarrow 00{:}52{:}51.280$  I just think it's a very exciting time

NOTE Confidence: 0.847718417644501

 $00:52:51.361 \rightarrow 00:52:54.364$  of promise and potential in that regard.

NOTE Confidence: 0.847718417644501

 $00:52:54.370 \rightarrow 00:52:57.219$  What are the challenges to realizing this?

 $00:52:57.220 \rightarrow 00:52:58.844$  So in global health,

NOTE Confidence: 0.847718417644501

 $00:52:58.844 \rightarrow 00:53:00.874$  as many of you know,

NOTE Confidence: 0.847718417644501

 $00:53:00.880 \rightarrow 00:53:03.202$  you have to strengthen the health

NOTE Confidence: 0.847718417644501

 $00:53:03.202 \rightarrow 00:53:06.578$  systems you have to take a systems approach.

NOTE Confidence: 0.847718417644501

 $00:53:06.580 \longrightarrow 00:53:07.876$  And quite honestly,

NOTE Confidence: 0.847718417644501

 $00:53:07.876 \longrightarrow 00:53:10.900$  this is not always emphasized and so

NOTE Confidence: 0.847718417644501

 $00:53:10.982 \longrightarrow 00:53:13.754$  we need to be mindful of that and try

NOTE Confidence: 0.847718417644501

 $00:53:13.754 \rightarrow 00:53:17.160$  to approach it from a systems perspective.

NOTE Confidence: 0.847718417644501

00:53:17.160 --> 00:53:17.932 Implementation signs.

NOTE Confidence: 0.847718417644501

 $00:53:17.932 \rightarrow 00:53:20.634$  We always need more data and evidence

NOTE Confidence: 0.847718417644501

 $00:53:20.634 \rightarrow 00:53:23.149$  on how to what programs have impact.

NOTE Confidence: 0.847718417644501

00:53:23.150 --> 00:53:25.796 How do we know that they have

NOTE Confidence: 0.847718417644501

 $00{:}53{:}25.796 \dashrightarrow 00{:}53{:}27.703$  impact and incorporate that into

NOTE Confidence: 0.847718417644501

 $00:53:27.703 \longrightarrow 00:53:30.132$  the actions that we take?

NOTE Confidence: 0.847718417644501

 $00{:}53{:}30{.}140 \dashrightarrow 00{:}53{:}31{.}488$  Our volunteers are outstanding.

 $00{:}53{:}31{.}488 \dashrightarrow 00{:}53{:}34{.}023$  We couldn't do what we do without

NOTE Confidence: 0.847718417644501

00:53:34.023 --> 00:53:34.929 our volunteers,

NOTE Confidence: 0.847718417644501

 $00{:}53{:}34{.}930 \dashrightarrow 00{:}53{:}37{.}402$  but there are there volunteers that

NOTE Confidence: 0.847718417644501

 $00:53:37.402 \longrightarrow 00:53:40.120$  are dedicated but they need to be

NOTE Confidence: 0.847718417644501

 $00{:}53{:}40{.}120 \dashrightarrow 00{:}53{:}42{.}451$  supported and their work needs to be

NOTE Confidence: 0.847718417644501

 $00:53:42.531 \rightarrow 00:53:45.227$  formalized in a way in our in country.

NOTE Confidence: 0.847718417644501

 $00{:}53{:}45{.}230 \dashrightarrow 00{:}53{:}46{.}702$  Members have multiple demands

NOTE Confidence: 0.847718417644501

 $00:53:46.702 \longrightarrow 00:53:48.542$  on their time and that's.

NOTE Confidence: 0.847718417644501

 $00{:}53{:}48{.}550 \dashrightarrow 00{:}53{:}49{.}878$  That's always a challenge,

NOTE Confidence: 0.847718417644501

 $00:53:49.878 \longrightarrow 00:53:51.206$  so this kind of,

NOTE Confidence: 0.847718417644501

 $00:53:51.210 \longrightarrow 00:53:53.261$  in my mind points again to the

NOTE Confidence: 0.847718417644501

 $00:53:53.261 \rightarrow 00:53:55.190$  need to formalize global oncology.

NOTE Confidence: 0.847718417644501

 $00:53:55.190 \rightarrow 00:53:56.201$  And doing that,

NOTE Confidence: 0.847718417644501

 $00:53:56.201 \dashrightarrow 00:53:58.560$  we need to learn from other global

NOTE Confidence: 0.847718417644501

 $00{:}53{:}58{.}630 \dashrightarrow 00{:}54{:}00{.}990$  health disciplines and experiences.

NOTE Confidence: 0.847718417644501

00:54:00.990 --> 00:54:02.838 So, just to summarize,

- NOTE Confidence: 0.847718417644501
- $00:54:02.838 \rightarrow 00:54:04.686$  the take home messages,

00:54:04.690 - 00:54:07.840 I hope I've helped helped everyone to

NOTE Confidence: 0.847718417644501

 $00:54:07.840 \rightarrow 00:54:11.109$  sort of informed you with about the

NOTE Confidence: 0.847718417644501

 $00{:}54{:}11{.}109 \dashrightarrow 00{:}54{:}13{.}857$  rising global cancer burden and that

NOTE Confidence: 0.847718417644501

 $00{:}54{:}13{.}948 \dashrightarrow 00{:}54{:}16{.}696$  this has been this rises private.

NOTE Confidence: 0.847718417644501

00:54:16.700 --> 00:54:19.472 Overall shift and CDs and low

NOTE Confidence: 0.847718417644501

 $00{:}54{:}19{.}472 \dashrightarrow 00{:}54{:}21{.}856$  and middle income countries ask

NOTE Confidence: 0.847718417644501

00:54:21.856 --> 00:54:24.086 was not just an organization,

NOTE Confidence: 0.847718417644501

 $00{:}54{:}24.090 \dashrightarrow 00{:}54{:}26.862$  the community that can be harnessed

NOTE Confidence: 0.847718417644501

 $00:54:26.862 \rightarrow 00:54:28.710$  to address these challenges,

NOTE Confidence: 0.847718417644501

 $00:54:28.710 \rightarrow 00:54:31.476$  the pandemic, while a global catastrophe,

NOTE Confidence: 0.847718417644501

 $00{:}54{:}31{.}480 \dashrightarrow 00{:}54{:}32{.}278$  of course.

NOTE Confidence: 0.847718417644501

00:54:32.278 --> 00:54:33.874 Has For<br/>rest innovations that

NOTE Confidence: 0.847718417644501

 $00{:}54{:}33{.}874 \dashrightarrow 00{:}54{:}36{.}464$  kind of a lasting and potentially

NOTE Confidence: 0.847718417644501

 $00{:}54{:}36{.}464 \dashrightarrow 00{:}54{:}39{.}236$  positive impact on this response and

00:54:39.236 --> 00:54:41.541 it's critical to formalize global

NOTE Confidence: 0.847718417644501

00:54:41.541 --> 00:54:43.726 oncology in terms of training,

NOTE Confidence: 0.847718417644501

 $00:54:43.730 \longrightarrow 00:54:44.288$  mentorship,

NOTE Confidence: 0.847718417644501

 $00{:}54{:}44{.}288 \dashrightarrow 00{:}54{:}47{.}078$  research and practice in societies

NOTE Confidence: 0.847718417644501

00:54:47.078 --> 00:54:50.647 like Costco can have a major role

NOTE Confidence: 0.847718417644501

 $00{:}54{:}50{.}647 \dashrightarrow 00{:}54{:}51{.}895$  in global health.

NOTE Confidence: 0.847718417644501

 $00{:}54{:}51{.}900 \dashrightarrow 00{:}54{:}54{.}540$  So I'd like to thank the

NOTE Confidence: 0.847718417644501

 $00:54:54.540 \rightarrow 00:54:55.860$  International Affairs Committee,

NOTE Confidence: 0.847718417644501

 $00{:}54{:}55{.}860 \dashrightarrow 00{:}54{:}58{.}422$  in particular the chair of our

NOTE Confidence: 0.847718417644501

 $00{:}54{:}58{.}422 \dashrightarrow 00{:}55{:}00{.}700$  committee Clarissa Mathias or Brazil,

NOTE Confidence: 0.847718417644501

 $00{:}55{:}00{.}700 \dashrightarrow 00{:}55{:}02{.}900$  and all of our members.

NOTE Confidence: 0.847718417644501

 $00{:}55{:}02{.}900 \dashrightarrow 00{:}55{:}05{.}828$  You can see from all over the world

NOTE Confidence: 0.847718417644501

 $00:55:05.828 \rightarrow 00:55:09.058$  and just a fantastic group volunteers,

NOTE Confidence: 0.847718417644501

 $00:55:09.060 \dashrightarrow 00:55:10.924$  the international favorite staff,

NOTE Confidence: 0.847718417644501

 $00{:}55{:}10.924 \dashrightarrow 00{:}55{:}13.720$  small small Team but call them

NOTE Confidence: 0.847718417644501

 $00{:}55{:}13.801 \dashrightarrow 00{:}55{:}15.986$  my special forces because we're

 $00:55:15.986 \longrightarrow 00:55:17.734$  small but high impact.

NOTE Confidence: 0.847718417644501

 $00:55:17.740 \rightarrow 00:55:20.516$  And then finally, if all through all this,

NOTE Confidence: 0.847718417644501

 $00:55:20.520 \rightarrow 00:55:22.956$  some of you have been thinking well,

NOTE Confidence: 0.847718417644501

 $00:55:22.960 \rightarrow 00:55:25.047$  this global health sounds like, well,

NOTE Confidence: 0.847718417644501

 $00:55:25.047 \rightarrow 00:55:27.476$  like the restoration of a vintage car.

NOTE Confidence: 0.847718417644501

00:55:27.480 --> 00:55:27.828 Well,

NOTE Confidence: 0.847718417644501

 $00:55:27.828 \dashrightarrow 00:55:30.612$  you'd be spot on because like global health,

NOTE Confidence: 0.869634211063385

 $00{:}55{:}30{.}620 \dashrightarrow 00{:}55{:}33{.}404$  you need a range of stakeholders to do

NOTE Confidence: 0.869634211063385

 $00{:}55{:}33{.}404 \dashrightarrow 00{:}55{:}35{.}328$  this work, including your dog Jasmine.

NOTE Confidence: 0.869634211063385

 $00{:}55{:}35{.}328 \dashrightarrow 00{:}55{:}37{.}748$  And sometimes you need to do things

NOTE Confidence: 0.869634211063385

 $00:55:37.748 \longrightarrow 00:55:39.734$  differently. So in this case,

NOTE Confidence: 0.869634211063385

 $00:55:39.734 \rightarrow 00:55:41.564$  installing the engine from underneath

NOTE Confidence: 0.869634211063385

 $00:55:41.564 \longrightarrow 00:55:43.544$  the car is supposed to from

NOTE Confidence: 0.869634211063385

 $00{:}55{:}43{.}544 \dashrightarrow 00{:}55{:}45{.}899$  above and you always have to be

NOTE Confidence: 0.869634211063385

 $00{:}55{:}45{.}899 \dashrightarrow 00{:}55{:}47{.}749$  thinking about the next generation.

00:55:47.750 --> 00:55:49.720 This case, my daughter Taylor

NOTE Confidence: 0.869634211063385

 $00{:}55{:}49{.}720 \dashrightarrow 00{:}55{:}52{.}522$  and teaching her how to work on

NOTE Confidence: 0.869634211063385

 $00:55:52.522 \rightarrow 00:55:55.175$  cars so that happy to welcome any

NOTE Confidence: 0.869634211063385

 $00:55:55.175 \rightarrow 00:55:57.598$  questions and answer any questions

NOTE Confidence: 0.869634211063385

 $00{:}55{:}57{.}598 \dashrightarrow 00{:}55{:}59{.}566$  and look further discussion.

NOTE Confidence: 0.843407154083252

 $00:56:00.400 \dashrightarrow 00:56:02.524$  Thanks Doug, that for this incredible

NOTE Confidence: 0.843407154083252

00:56:02.524 --> 00:56:05.497 overview of all the work that ASCO is doing,

NOTE Confidence: 0.843407154083252

00:56:05.500 - 00:56:08.036 I was not aware of the breath and

NOTE Confidence: 0.843407154083252

 $00{:}56{:}08.036 \dashrightarrow 00{:}56{:}10.939$  scope of it all and really thought it.

NOTE Confidence: 0.843407154083252

00:56:10.940 --> 00:56:13.332 But I know many of my Harvard colleagues

NOTE Confidence: 0.843407154083252

 $00{:}56{:}13.332 \dashrightarrow 00{:}56{:}15.697$  go to the conference in Chicago,

NOTE Confidence: 0.843407154083252

 $00{:}56{:}15{.}700 \dashrightarrow 00{:}56{:}18{.}150$  and they've presented a lot of the

NOTE Confidence: 0.843407154083252

 $00:56:18.150 \rightarrow 00:56:19.779$  epidemiologic research and so forth,

NOTE Confidence: 0.843407154083252

 $00{:}56{:}19.780 \dashrightarrow 00{:}56{:}22.108$  so I had been aware of the extent

NOTE Confidence: 0.843407154083252

 $00:56:22.108 \rightarrow 00:56:24.540$  of your work and global oncology.

NOTE Confidence: 0.843407154083252

00:56:24.540 --> 00:56:26.580 I'm wondering just to start off,

 $00:56:26.580 \rightarrow 00:56:29.300$  we have a few other questions as well,

NOTE Confidence: 0.843407154083252

 $00:56:29.300 \longrightarrow 00:56:31.694$  like the NCI has picked up as.

NOTE Confidence: 0.843407154083252

 $00:56:31.700 \rightarrow 00:56:33.860$  On global oncology being very important.

NOTE Confidence: 0.843407154083252

 $00{:}56{:}33{.}860 \dashrightarrow 00{:}56{:}35{.}060$  As Charlie mentioned,

NOTE Confidence: 0.843407154083252

00:56:35.060 --> 00:56:37.860 I think early on and I'm wondering

NOTE Confidence: 0.843407154083252

 $00:56:37.931 \rightarrow 00:56:39.857$  was that just like parallel worlds

NOTE Confidence: 0.843407154083252

 $00:56:39.857 \rightarrow 00:56:42.857$  or is it a result of sort of some?

NOTE Confidence: 0.843407154083252

 $00:56:42.860 \longrightarrow 00:56:44.840$  The advocacy that your Department

NOTE Confidence: 0.843407154083252

 $00{:}56{:}44{.}840 \dashrightarrow 00{:}56{:}47{.}885$  has been doing an you know how are

NOTE Confidence: 0.843407154083252

00:56:47.885 --> 00:56:49.871 you working with MCI and where

NOTE Confidence: 0.843407154083252

00:56:49.871 -> 00:56:51.856 do you see NCI going with

NOTE Confidence: 0.832647001743317

 $00{:}56{:}51{.}860 \dashrightarrow 00{:}56{:}54{.}600$  this? Yeah, no an NCI.

NOTE Confidence: 0.832647001743317

 $00:56:54.600 \dashrightarrow 00:56:56.044$  They've been terrific partners.

NOTE Confidence: 0.832647001743317

 $00{:}56{:}56{.}044 \dashrightarrow 00{:}56{:}57{.}849$  We work very closely together.

NOTE Confidence: 0.832647001743317

00:56:57.850 --> 00:56:59.370 I really think Donna,

 $00:56:59.370 \longrightarrow 00:57:01.650$  so this is really emerged and

NOTE Confidence: 0.832647001743317

 $00{:}57{:}01{.}734 \dashrightarrow 00{:}57{:}03{.}840$  one of the reasons I started

NOTE Confidence: 0.832647001743317

00:57:03.840 - > 00:57:06.327 with that the UN meeting I

NOTE Confidence: 0.832647001743317

 $00:57:06.327 \longrightarrow 00:57:08.679$  really think over the past 10 or

NOTE Confidence: 0.832647001743317

 $00{:}57{:}08.680 \dashrightarrow 00{:}57{:}10.816$  15 years there has been emerging

NOTE Confidence: 0.832647001743317

 $00{:}57{:}10.816 \dashrightarrow 00{:}57{:}13.019$  consensus and focus on this issue.

NOTE Confidence: 0.832647001743317

 $00{:}57{:}13.020 \dashrightarrow 00{:}57{:}15.620$  I think arising awareness of the rise of

NOTE Confidence: 0.832647001743317

 $00:57:15.620 \rightarrow 00:57:18.429$  cancer in low and middle income countries.

NOTE Confidence: 0.832647001743317

 $00{:}57{:}18{.}430 \dashrightarrow 00{:}57{:}21{.}409$  And so I think the NCI center was an

NOTE Confidence: 0.832647001743317

 $00:57:21.409 \rightarrow 00:57:23.909$  outgrowth of that rising awareness and.

NOTE Confidence: 0.832647001743317

 $00{:}57{:}23.910 \dashrightarrow 00{:}57{:}26.850$  Just sort of been the zeitgeisty.

NOTE Confidence: 0.832647001743317

 $00:57:26.850 \rightarrow 00:57:30.280$  Well they were all working on this

NOTE Confidence: 0.805326111938643

 $00{:}57{:}30{.}280 \dashrightarrow 00{:}57{:}32{.}401$ step. Yeah, great now I need childcare

NOTE Confidence: 0.805326111938643

 $00{:}57{:}32{.}401 \dashrightarrow 00{:}57{:}34{.}951$  is ask can you speak to how institutions

NOTE Confidence: 0.805326111938643

 $00:57:34.951 \rightarrow 00:57:37.708$  and Ella Mai sees low and middle income?

NOTE Confidence: 0.805326111938643

 $00{:}57{:}37{.}710 \dashrightarrow 00{:}57{:}39{.}600$  Countries can become Q API certified.

00:57:39.600 - 00:57:41.805 I don't even know what that means

NOTE Confidence: 0.805326111938643

00:57:41.805 --> 00:57:44.010 so maybe you can answer that for

NOTE Confidence: 0.805326111938643

 $00:57:44.010 \longrightarrow 00:57:46.082$  those of us who don't know and

NOTE Confidence: 0.805326111938643

 $00:57:46.082 \rightarrow 00:57:47.790$  then maybe addressed the question.

NOTE Confidence: 0.860164999961853

 $00:57:48.640 \rightarrow 00:57:51.826$  Yeah, so this is the copy program,

NOTE Confidence: 0.860164999961853

 $00{:}57{:}51{.}830 \dashrightarrow 00{:}57{:}54{.}710$  so this is a quality measurement program and

NOTE Confidence: 0.860164999961853

 $00:57:54.710 \longrightarrow 00:57:57.838$  and so there is a legal component to it.

NOTE Confidence: 0.860164999961853

 $00:57:57.840 \longrightarrow 00:58:01.380$  So you know there's some time to get into it.

NOTE Confidence: 0.860164999961853

 $00{:}58{:}01{.}380 \dashrightarrow 00{:}58{:}03{.}570$  But are lawyers need to assess

NOTE Confidence: 0.860164999961853

 $00:58:03.570 \longrightarrow 00:58:05.723$  the patient data privacy laws in

NOTE Confidence: 0.860164999961853

 $00{:}58{:}05{.}723 \dashrightarrow 00{:}58{:}07{.}595$  each countries to see whether we

NOTE Confidence: 0.860164999961853

00:58:07.595 - 00:58:09.878 can do copy in those countries?

NOTE Confidence: 0.860164999961853

 $00:58:09.880 \longrightarrow 00:58:11.256$  But assuming that we,

NOTE Confidence: 0.860164999961853

 $00{:}58{:}11.256 \dashrightarrow 00{:}58{:}14.100$  the legal analysis has been done in a

NOTE Confidence: 0.860164999961853

 $00{:}58{:}14.100 \dashrightarrow 00{:}58{:}16.248$  particular country with where center is,

 $00:58:16.250 \rightarrow 00:58:18.826$  I'd be very happy to connect them

NOTE Confidence: 0.860164999961853

 $00{:}58{:}18.826 \dashrightarrow 00{:}58{:}20.814$  with our clinical Ferris staff

NOTE Confidence: 0.860164999961853

 $00:58:20.814 \longrightarrow 00:58:22.824$  and start looking at that.

NOTE Confidence: 0.860164999961853

 $00:58:22.830 \longrightarrow 00:58:23.830$  Great and

NOTE Confidence: 0.861926555633545

00:58:23.830 --> 00:58:26.340 Melinda Irwin said very positively.

NOTE Confidence: 0.861926555633545

 $00:58:26.340 \longrightarrow 00:58:28.840$  She loves the ASCO global

NOTE Confidence: 0.861926555633545

 $00:58:28.840 \rightarrow 00:58:29.840$  oncology definition.

NOTE Confidence: 0.861926555633545

00:58:29.840 --> 00:58:32.906 I do as well and she's wondering

NOTE Confidence: 0.861926555633545

 $00{:}58{:}32{.}906 \dashrightarrow 00{:}58{:}36{.}427$  if others agree with the focus on

NOTE Confidence: 0.861926555633545

 $00{:}58{:}36{.}427 \dashrightarrow 00{:}58{:}39{.}601$  disparities in differences and the focus

NOTE Confidence: 0.861926555633545

 $00:58:39.694 \rightarrow 00:58:43.069$  on implementation science and policy.

NOTE Confidence: 0.861926555633545

 $00:58:43.070 \longrightarrow 00:58:45.562$  So that's sort of a question to

NOTE Confidence: 0.861926555633545

00:58:45.562 --> 00:58:47.342 others I guess, not necessarily.

NOTE Confidence: 0.861926555633545

 $00{:}58{:}47{.}342 \dashrightarrow 00{:}58{:}49{.}478$  You presumably you agree with that.

NOTE Confidence: 0.825461387634277

00:58:50.680 --> 00:58:53.096 Yeah, I mean I, you know I do.

NOTE Confidence: 0.825461387634277

 $00{:}58{:}53{.}100 \dashrightarrow 00{:}58{:}54{.}918$  Of course. Of course the volunteers

 $00:58:54.918 \longrightarrow 00:58:55.827$  developed the definition.

NOTE Confidence: 0.825461387634277

00:58:55.830 --> 00:58:58.404 I'm just staff but <br/>but I think you do

NOTE Confidence: 0.825461387634277

 $00{:}58{:}58{.}404 \dashrightarrow 00{:}59{:}01{.}013$  have to look at Holistic Lee for the

NOTE Confidence: 0.825461387634277

 $00:59:01.013 \rightarrow 00:59:03.409$  reasons I tried to share in my talk.

NOTE Confidence: 0.890508234500885

 $00:59:04.640 \longrightarrow 00:59:07.132$  OK, well we're a little a minute

NOTE Confidence: 0.890508234500885

 $00{:}59{:}07{.}132 \dashrightarrow 00{:}59{:}09{.}949$  over the hour so I think it might

NOTE Confidence: 0.890508234500885

 $00:59:09.949 \longrightarrow 00:59:12.160$  make sense to thank you again.

NOTE Confidence: 0.890508234500885

 $00:59:12.160 \longrightarrow 00:59:14.162$  Very much leisure to meet you

NOTE Confidence: 0.890508234500885

 $00{:}59{:}14.162 \dashrightarrow 00{:}59{:}15.878$  and for you to reconnect with

NOTE Confidence: 0.890508234500885

 $00:59:15.878 \longrightarrow 00:59:18.351$  some of your old friends and we

NOTE Confidence: 0.890508234500885

 $00:59:18.351 \rightarrow 00:59:20.186$  appreciate you virtually coming and

NOTE Confidence: 0.890508234500885

 $00:59:20.250 \dashrightarrow 00:59:22.178$  giving this presentation today.

NOTE Confidence: 0.847961068153381

 $00{:}59{:}22.850 \dashrightarrow 00{:}59{:}24.866$  Well thanks again and I apologize.

NOTE Confidence: 0.847961068153381

 $00{:}59{:}24.870 \dashrightarrow 00{:}59{:}27.182$  I took so much time I meant to

NOTE Confidence: 0.847961068153381

 $00{:}59{:}27.182 \dashrightarrow 00{:}59{:}29.250$  leave more time for discussion,

 $00:59:29.250 \longrightarrow 00:59:31.644$  but you know if there are any

NOTE Confidence: 0.847961068153381

 $00{:}59{:}31{.}644 \dashrightarrow 00{:}59{:}33{.}629$  unanswered questions you have my email,

NOTE Confidence: 0.847961068153381

 $00{:}59{:}33{.}630 \dashrightarrow 00{:}59{:}35{.}320$  please send them my way.

NOTE Confidence: 0.847961068153381

00:59:35.320 --> 00:59:37.216 I'd be very happy to answer

NOTE Confidence: 0.847961068153381

 $00{:}59{:}37{.}216 \dashrightarrow 00{:}59{:}39{.}960$  any of that that I can and look

NOTE Confidence: 0.847961068153381

 $00{:}59{:}39{.}960 \dashrightarrow 00{:}59{:}41{.}715$  forward to hearing more about

NOTE Confidence: 0.847961068153381

 $00{:}59{:}41.720 \dashrightarrow 00{:}59{:}44.077$  the work of Yelling Global Ontology. Great,

NOTE Confidence: 0.847961068153381

00:59:44.077 --> 00:59:47.110 OK, so thank you Doug and thank you all.

NOTE Confidence: 0.847961068153381

 $00:59:47.110 \longrightarrow 00:59:50.014$  Bye bye thank you.