

WEBVTT

NOTE duration:"00:48:19"

NOTE recognizability:0.860

NOTE language:en-us

NOTE Confidence: 0.916488196666667

00:00:04.160 --> 00:00:05.918 Super excited to have everyone here.

NOTE Confidence: 0.916488196666667

00:00:05.920 --> 00:00:08.233 Thank you for making the time to be here.

NOTE Confidence: 0.916488196666667

00:00:08.240 --> 00:00:09.940 I'm always so impressed and

NOTE Confidence: 0.916488196666667

00:00:09.940 --> 00:00:11.640 just grateful for how engaged

NOTE Confidence: 0.916488196666667

00:00:11.707 --> 00:00:13.437 and active this community is.

NOTE Confidence: 0.916488196666667

00:00:13.440 --> 00:00:15.528 It's just wonderful to have these

NOTE Confidence: 0.916488196666667

00:00:15.528 --> 00:00:16.760 meetings time and time again.

NOTE Confidence: 0.820603062222222

00:00:19.040 --> 00:00:20.051 If you haven't,

NOTE Confidence: 0.820603062222222

00:00:20.051 --> 00:00:22.073 I'll give a little speech now.

NOTE Confidence: 0.820603062222222

00:00:22.080 --> 00:00:23.595 It would be awesome if you could connect

NOTE Confidence: 0.820603062222222

00:00:23.595 --> 00:00:25.118 your data on the Kindred platform.

NOTE Confidence: 0.820603062222222

00:00:25.120 --> 00:00:26.928 If you are enrolled in a listen study,

NOTE Confidence: 0.820603062222222

00:00:26.928 --> 00:00:29.075 which you all are if you are here,

NOTE Confidence: 0.820603062222222

00:00:29.080 --> 00:00:30.960 connecting your data is imperative
NOTE Confidence: 0.820603062222222

00:00:30.960 --> 00:00:33.240 for the research that they're doing.
NOTE Confidence: 0.820603062222222

00:00:33.240 --> 00:00:35.802 If you have any concern about safety
NOTE Confidence: 0.820603062222222

00:00:35.802 --> 00:00:38.558 with your data or anything like that,
NOTE Confidence: 0.820603062222222

00:00:38.560 --> 00:00:40.918 we actually had AK talk about
NOTE Confidence: 0.820603062222222

00:00:40.918 --> 00:00:43.798 a few weeks ago with Jay Ward,
NOTE Confidence: 0.820603062222222

00:00:43.800 --> 00:00:45.116 who is an expert in the field.
NOTE Confidence: 0.820603062222222

00:00:45.120 --> 00:00:47.160 So you can check out Kindred's YouTube page.
NOTE Confidence: 0.820603062222222

00:00:47.160 --> 00:00:48.360 If you don't know where to find that,
NOTE Confidence: 0.820603062222222

00:00:48.360 --> 00:00:49.962 you can shoot me an e-mail Talia at Hugo
NOTE Confidence: 0.820603062222222

00:00:49.962 --> 00:00:51.715 dot health and they'll send you that link.
NOTE Confidence: 0.820603062222222

00:00:51.720 --> 00:00:52.920 If you have any questions
NOTE Confidence: 0.820603062222222

00:00:52.920 --> 00:00:53.880 about connecting your data,
NOTE Confidence: 0.820603062222222

00:00:53.880 --> 00:00:55.476 you can also reach out to me,
NOTE Confidence: 0.820603062222222

00:00:55.480 --> 00:00:57.640 but I highly recommend that you do that.
NOTE Confidence: 0.820603062222222

00:00:57.640 --> 00:00:59.638 And really, that's all that I have to say.

NOTE Confidence: 0.820603062222222
00:00:59.640 --> 00:01:00.488 Without any further ado,
NOTE Confidence: 0.820603062222222
00:01:00.488 --> 00:01:01.760 I'd love to turn this over
NOTE Confidence: 0.820603062222222
00:01:01.808 --> 00:01:02.600 to the Listen team.
NOTE Confidence: 0.820603062222222
00:01:02.600 --> 00:01:03.500 They'll introduce yourself
NOTE Confidence: 0.820603062222222
00:01:03.500 --> 00:01:05.000 and get right into it.
NOTE Confidence: 0.820603062222222
00:01:05.000 --> 00:01:06.260 So welcome again and thanks
NOTE Confidence: 0.820603062222222
00:01:06.260 --> 00:01:07.520 so much for joining us.
NOTE Confidence: 0.88816029625
00:01:10.200 --> 00:01:10.740 Hi, everyone.
NOTE Confidence: 0.88816029625
00:01:10.740 --> 00:01:12.360 Thank you so much for joining.
NOTE Confidence: 0.88816029625
00:01:12.360 --> 00:01:13.755 I'm Harlan Krumholtz.
NOTE Confidence: 0.88816029625
00:01:13.755 --> 00:01:17.079 Many of you may have met me before.
NOTE Confidence: 0.88816029625
00:01:17.079 --> 00:01:18.078 I'm a cardiologist.
NOTE Confidence: 0.88816029625
00:01:18.080 --> 00:01:21.496 I'm a faculty member at Yale and one
NOTE Confidence: 0.88816029625
00:01:21.496 --> 00:01:24.014 of the people who's involved with the
NOTE Confidence: 0.88816029625
00:01:24.014 --> 00:01:26.042 listen study and and so appreciative
NOTE Confidence: 0.88816029625

00:01:26.042 --> 00:01:27.959 for all of your participation.
NOTE Confidence: 0.88816029625

00:01:27.960 --> 00:01:30.110 What we thought we'd do is usually I'm,
NOTE Confidence: 0.88816029625

00:01:30.110 --> 00:01:32.279 I'm here with Akiko and the rest of the team.
NOTE Confidence: 0.88816029625

00:01:32.280 --> 00:01:33.720 Akiko couldn't make a day,
NOTE Confidence: 0.88816029625

00:01:33.720 --> 00:01:35.480 but we really wanted to have a meeting
NOTE Confidence: 0.88816029625

00:01:35.480 --> 00:01:37.396 where we could get together and and
NOTE Confidence: 0.88816029625

00:01:37.396 --> 00:01:39.772 engage with with folks and exchange
NOTE Confidence: 0.88816029625

00:01:39.772 --> 00:01:41.878 some information and and hear from
NOTE Confidence: 0.88816029625

00:01:41.878 --> 00:01:43.180 the people who are participating.
NOTE Confidence: 0.88816029625

00:01:43.180 --> 00:01:44.710 So we wanted to just push
NOTE Confidence: 0.88816029625

00:01:44.764 --> 00:01:45.879 ahead and and have this.
NOTE Confidence: 0.88816029625

00:01:45.880 --> 00:01:47.560 We'll continue to have these over time.
NOTE Confidence: 0.88816029625

00:01:47.560 --> 00:01:50.170 So and I believe we'll be having more and
NOTE Confidence: 0.88816029625

00:01:50.170 --> 00:01:52.795 more information to share from the study.
NOTE Confidence: 0.88816029625

00:01:52.800 --> 00:01:54.991 But the first thing before we get
NOTE Confidence: 0.88816029625

00:01:54.991 --> 00:01:57.200 started is we'll just go through

NOTE Confidence: 0.88816029625

00:01:57.200 --> 00:01:59.200 and let folks introduce themselves.

NOTE Confidence: 0.88816029625

00:01:59.200 --> 00:02:01.792 So in case you haven't met everyone and

NOTE Confidence: 0.88816029625

00:02:01.792 --> 00:02:04.276 actually have a new member of the team too.

NOTE Confidence: 0.88816029625

00:02:04.280 --> 00:02:05.000 So, Tiana,

NOTE Confidence: 0.88816029625

00:02:05.000 --> 00:02:07.200 why don't you go next?

NOTE Confidence: 0.830329724

00:02:08.600 --> 00:02:10.360 Hi, everyone. I'm Tiana. I'm

NOTE Confidence: 0.959823298

00:02:10.360 --> 00:02:11.740 a medical student at Yale

NOTE Confidence: 0.959823298

00:02:11.740 --> 00:02:13.120 helping out on the project.

NOTE Confidence: 0.857007295

00:02:15.480 --> 00:02:18.318 Hi, everyone. My name is Mitsu.

NOTE Confidence: 0.857007295

00:02:18.320 --> 00:02:21.608 I'm a cardiologist and a clinician

NOTE Confidence: 0.857007295

00:02:21.608 --> 00:02:23.724 scientist as I'm working at

NOTE Confidence: 0.857007295

00:02:23.724 --> 00:02:25.679 Yale as a researcher now.

NOTE Confidence: 0.857007295

00:02:25.680 --> 00:02:27.440 I'm happy to be here.

NOTE Confidence: 0.817422666666667

00:02:28.360 --> 00:02:30.188 Hi, I'm Lindsay McAlpine.

NOTE Confidence: 0.817422666666667

00:02:30.188 --> 00:02:34.013 I'm a neurologist at Yale and I am

NOTE Confidence: 0.817422666666667

00:02:34.013 --> 00:02:37.270 part of the COVID Mind study and
NOTE Confidence: 0.817422666666667

00:02:37.270 --> 00:02:38.600 run the Neuro COVID Clinic at Yale.
NOTE Confidence: 0.75237842

00:02:39.680 --> 00:02:42.050 And you all may may not have met Tiana and
NOTE Confidence: 0.75237842

00:02:42.112 --> 00:02:44.596 Lindsay before they've more recently joined.
NOTE Confidence: 0.75237842

00:02:44.600 --> 00:02:47.840 And we're thrilled to have Tiana
NOTE Confidence: 0.75237842

00:02:47.840 --> 00:02:49.628 and we're thrilled to have Lindsay
NOTE Confidence: 0.75237842

00:02:49.628 --> 00:02:51.400 Lindsay's got depth of experience
NOTE Confidence: 0.75237842

00:02:51.400 --> 00:02:53.605 taking care of people with long COVID
NOTE Confidence: 0.75237842

00:02:53.605 --> 00:02:56.228 and is really an expert in neuropathies
NOTE Confidence: 0.75237842

00:02:56.228 --> 00:02:58.084 and autoimmune disease and whole
NOTE Confidence: 0.75237842

00:02:58.084 --> 00:03:00.036 range of issues that I think are are
NOTE Confidence: 0.75237842

00:03:00.036 --> 00:03:01.678 really relevant to this community.
NOTE Confidence: 0.75237842

00:03:01.680 --> 00:03:02.655 And we're really,
NOTE Confidence: 0.75237842

00:03:02.655 --> 00:03:05.479 really happy that she's been able to join us.
NOTE Confidence: 0.75237842

00:03:05.480 --> 00:03:07.600 Bernali Batacharji is also
NOTE Confidence: 0.75237842

00:03:07.600 --> 00:03:10.480 going to join us. She is

NOTE Confidence: 0.884139649090909
00:03:12.560 --> 00:03:13.181 from Akiko's lab.
NOTE Confidence: 0.884139649090909
00:03:13.181 --> 00:03:15.000 Many of you may have met her before.
NOTE Confidence: 0.884139649090909
00:03:15.000 --> 00:03:17.360 She's amazing, terrific, some reasons.
NOTE Confidence: 0.884139649090909
00:03:17.360 --> 00:03:19.920 Having trouble getting into the webinar and
NOTE Confidence: 0.884139649090909
00:03:19.920 --> 00:03:22.400 we're working on that and see if we can.
NOTE Confidence: 0.884139649090909
00:03:22.400 --> 00:03:22.960 We can get her in,
NOTE Confidence: 0.884139649090909
00:03:22.960 --> 00:03:24.486 but you'll see her soon and should
NOTE Confidence: 0.884139649090909
00:03:24.486 --> 00:03:25.965 be able to feel questions about
NOTE Confidence: 0.884139649090909
00:03:25.965 --> 00:03:27.513 what's going on in the lab.
NOTE Confidence: 0.884139649090909
00:03:27.520 --> 00:03:30.608 So I just wanted to take maybe 15
NOTE Confidence: 0.884139649090909
00:03:30.608 --> 00:03:33.154 minutes just to hit on some my points
NOTE Confidence: 0.884139649090909
00:03:33.154 --> 00:03:34.953 about what we're doing in the listen
NOTE Confidence: 0.884139649090909
00:03:34.953 --> 00:03:37.033 study and to sort of bring you up to date.
NOTE Confidence: 0.884139649090909
00:03:37.040 --> 00:03:39.380 And then and then we're just going to open
NOTE Confidence: 0.884139649090909
00:03:39.380 --> 00:03:42.078 it up for discussions and and and questions.
NOTE Confidence: 0.884139649090909

00:03:42.080 --> 00:03:44.200 And you know we sort of have this
NOTE Confidence: 0.884139649090909

00:03:44.200 --> 00:03:45.720 format where we use the chat.
NOTE Confidence: 0.884139649090909

00:03:45.720 --> 00:03:48.197 We we found that to be kind of effective.
NOTE Confidence: 0.884139649090909

00:03:48.197 --> 00:03:49.859 Honestly it would be really great
NOTE Confidence: 0.884139649090909

00:03:49.859 --> 00:03:51.621 if we could actually see folks
NOTE Confidence: 0.884139649090909

00:03:51.621 --> 00:03:53.076 and do a little differently.
NOTE Confidence: 0.884139649090909

00:03:53.080 --> 00:03:56.076 We can play with this in future,
NOTE Confidence: 0.884139649090909

00:03:56.080 --> 00:03:58.352 future webinars to kind of think what might
NOTE Confidence: 0.884139649090909

00:03:58.352 --> 00:04:00.916 be how to optimize this for for everyone.
NOTE Confidence: 0.884139649090909

00:04:00.920 --> 00:04:02.642 But but for now we'll we're going
NOTE Confidence: 0.884139649090909

00:04:02.642 --> 00:04:04.458 to continue on the the kind of
NOTE Confidence: 0.884139649090909

00:04:04.458 --> 00:04:05.994 pattern that we're using for this.
NOTE Confidence: 0.78489366875

00:04:09.960 --> 00:04:11.800 So this, this call is a research call,
NOTE Confidence: 0.78489366875

00:04:11.800 --> 00:04:12.800 it's about the listen study.
NOTE Confidence: 0.78489366875

00:04:12.800 --> 00:04:15.400 So just to say in terms of setting
NOTE Confidence: 0.78489366875

00:04:15.400 --> 00:04:17.238 expectations that we're not going to

NOTE Confidence: 0.78489366875

00:04:17.240 --> 00:04:20.462 talk about clinical treatments or or

NOTE Confidence: 0.78489366875

00:04:20.462 --> 00:04:25.672 focus or or dig into you know clinical

NOTE Confidence: 0.78489366875

00:04:25.672 --> 00:04:27.668 questions that's kinder cafe or other

NOTE Confidence: 0.78489366875

00:04:27.668 --> 00:04:29.560 venues might be more appropriate for that.

NOTE Confidence: 0.78489366875

00:04:29.560 --> 00:04:32.920 We really want to focus on the

NOTE Confidence: 0.78489366875

00:04:32.920 --> 00:04:35.466 issues around the research.

NOTE Confidence: 0.78489366875

00:04:35.466 --> 00:04:39.120 And so let me just again tell you about the,

NOTE Confidence: 0.78489366875

00:04:39.120 --> 00:04:41.412 the general approach with lists and

NOTE Confidence: 0.78489366875

00:04:41.412 --> 00:04:44.180 the idea was to to bring together a

NOTE Confidence: 0.78489366875

00:04:44.180 --> 00:04:46.874 bunch of people in partnership to have

NOTE Confidence: 0.78489366875

00:04:46.874 --> 00:04:49.559 people self report information about

NOTE Confidence: 0.78489366875

00:04:49.559 --> 00:04:52.422 themselves to to let us know about how

NOTE Confidence: 0.78489366875

00:04:52.422 --> 00:04:54.880 they're feeling and and what their life

NOTE Confidence: 0.78489366875

00:04:54.880 --> 00:04:56.793 is like in structured questionnaires

NOTE Confidence: 0.78489366875

00:04:56.793 --> 00:04:58.911 of questions these surveys but also

NOTE Confidence: 0.78489366875

00:04:58.911 --> 00:05:00.829 get information about when they were
NOTE Confidence: 0.78489366875

00:05:00.829 --> 00:05:02.712 infected what kind of vaccines they had.
NOTE Confidence: 0.78489366875

00:05:02.720 --> 00:05:03.924 And so for then again this study
NOTE Confidence: 0.78489366875

00:05:03.924 --> 00:05:05.078 is for people with long COVID,
NOTE Confidence: 0.78489366875

00:05:05.080 --> 00:05:07.216 in addition people with vaccine injury
NOTE Confidence: 0.78489366875

00:05:07.216 --> 00:05:09.890 and and we're kind of trying to to to
NOTE Confidence: 0.78489366875

00:05:09.890 --> 00:05:12.730 be able to create a joint database
NOTE Confidence: 0.78489366875

00:05:12.730 --> 00:05:16.855 that captures people's experience in
NOTE Confidence: 0.78489366875

00:05:16.855 --> 00:05:19.241 addition to be able to people to connect
NOTE Confidence: 0.78489366875

00:05:19.241 --> 00:05:21.060 their records and for some people to
NOTE Confidence: 0.78489366875

00:05:21.060 --> 00:05:22.430 get biospecimen collection among the
NOTE Confidence: 0.78489366875

00:05:22.430 --> 00:05:24.118 data that's being collected within.
NOTE Confidence: 0.78489366875

00:05:24.120 --> 00:05:24.728 Listen,
NOTE Confidence: 0.78489366875

00:05:24.728 --> 00:05:28.376 we're doing sort of a characterization
NOTE Confidence: 0.78489366875

00:05:28.376 --> 00:05:30.906 of the population descriptive studies
NOTE Confidence: 0.78489366875

00:05:30.906 --> 00:05:33.024 that are really providing some insight

NOTE Confidence: 0.78489366875

00:05:33.024 --> 00:05:34.726 into what people are experiencing

NOTE Confidence: 0.78489366875

00:05:34.726 --> 00:05:36.598 and there's lots of questions we

NOTE Confidence: 0.78489366875

00:05:36.598 --> 00:05:38.158 may want to ask about this.

NOTE Confidence: 0.78489366875

00:05:38.160 --> 00:05:40.440 I'll get into that as we go on.

NOTE Confidence: 0.78489366875

00:05:40.440 --> 00:05:43.158 But also we're going to be looking at you,

NOTE Confidence: 0.78489366875

00:05:43.160 --> 00:05:45.195 you all have provided information

NOTE Confidence: 0.78489366875

00:05:45.195 --> 00:05:47.646 about yourselves in stories plus we

NOTE Confidence: 0.78489366875

00:05:47.646 --> 00:05:49.722 can we we're thinking of embarking

NOTE Confidence: 0.78489366875

00:05:49.722 --> 00:05:52.030 on some individual interviews to be

NOTE Confidence: 0.78489366875

00:05:52.030 --> 00:05:54.095 able to do sort of a qualitative

NOTE Confidence: 0.78489366875

00:05:54.095 --> 00:05:55.439 component to this as well.

NOTE Confidence: 0.78489366875

00:05:55.440 --> 00:05:57.080 And then the laboratory which

NOTE Confidence: 0.78489366875

00:05:57.080 --> 00:05:59.798 is sort of a sub state just we,

NOTE Confidence: 0.78489366875

00:05:59.800 --> 00:06:00.570 you know,

NOTE Confidence: 0.78489366875

00:06:00.570 --> 00:06:02.880 we wish we could do laboratory

NOTE Confidence: 0.78489366875

00:06:02.880 --> 00:06:04.440 evaluations of everyone so we
NOTE Confidence: 0.78489366875

00:06:04.440 --> 00:06:06.867 could include it in the study but
NOTE Confidence: 0.78489366875

00:06:06.867 --> 00:06:08.475 but they're resource intensive,
NOTE Confidence: 0.78489366875

00:06:08.480 --> 00:06:11.133 you know we're sending people to people's
NOTE Confidence: 0.78489366875

00:06:11.133 --> 00:06:13.720 homes to collect the blood and saliva.
NOTE Confidence: 0.78489366875

00:06:13.720 --> 00:06:15.781 So you know at this point we're only able
NOTE Confidence: 0.78489366875

00:06:15.781 --> 00:06:18.090 to do it on a few people relative to
NOTE Confidence: 0.78489366875

00:06:18.090 --> 00:06:20.840 the entire group of people who are enrolled.
NOTE Confidence: 0.78489366875

00:06:20.840 --> 00:06:22.464 So but but that's the other part
NOTE Confidence: 0.78489366875

00:06:22.464 --> 00:06:24.298 to be able to characterize with
NOTE Confidence: 0.78489366875

00:06:24.298 --> 00:06:26.103 the immunophenotype and with sort
NOTE Confidence: 0.78489366875

00:06:26.103 --> 00:06:28.262 of thousands of measures of of the
NOTE Confidence: 0.78489366875

00:06:28.262 --> 00:06:30.008 immune system to develop what we're
NOTE Confidence: 0.78489366875

00:06:30.008 --> 00:06:31.848 calling sort of immune signatures
NOTE Confidence: 0.78489366875

00:06:31.848 --> 00:06:33.939 and these sort of characterizations
NOTE Confidence: 0.78489366875

00:06:33.939 --> 00:06:36.504 of immune system function through

NOTE Confidence: 0.78489366875
00:06:36.504 --> 00:06:38.224 the antibodies and cytokines and
NOTE Confidence: 0.78489366875
00:06:38.224 --> 00:06:40.290 chemokines and and and cell receptors.
NOTE Confidence: 0.78489366875
00:06:40.290 --> 00:06:42.705 And then ultimately what we want to
NOTE Confidence: 0.78489366875
00:06:42.705 --> 00:06:45.075 do is take our characterizations of
NOTE Confidence: 0.78489366875
00:06:45.075 --> 00:06:47.585 how people are feeling and what their
NOTE Confidence: 0.78489366875
00:06:47.585 --> 00:06:49.790 symptoms are with what's coming up in
NOTE Confidence: 0.78489366875
00:06:49.851 --> 00:06:51.920 the lab and see if there's an how what,
NOTE Confidence: 0.78489366875
00:06:51.920 --> 00:06:53.600 how does that overlay the clusters,
NOTE Confidence: 0.78489366875
00:06:53.600 --> 00:06:55.982 the different folks who have different
NOTE Confidence: 0.78489366875
00:06:55.982 --> 00:06:58.018 characterizations of how they feel
NOTE Confidence: 0.78489366875
00:06:58.018 --> 00:07:00.148 different kind of symptom clusters and
NOTE Confidence: 0.78489366875
00:07:00.148 --> 00:07:02.200 are they how do they exhibit within the lab.
NOTE Confidence: 0.78489366875
00:07:02.200 --> 00:07:03.999 So some of you've heard this before,
NOTE Confidence: 0.932865320909091
00:07:04.000 --> 00:07:05.995 but I'm just trying to level set
NOTE Confidence: 0.932865320909091
00:07:05.995 --> 00:07:09.500 for for the group And then and then
NOTE Confidence: 0.932865320909091

00:07:09.500 --> 00:07:11.250 you know our areas of emphasis are
NOTE Confidence: 0.932865320909091

00:07:11.250 --> 00:07:13.044 are you know overall we're looking
NOTE Confidence: 0.932865320909091

00:07:13.044 --> 00:07:14.960 at long COVID and vaccine injury.
NOTE Confidence: 0.932865320909091

00:07:14.960 --> 00:07:17.480 But also within these groups were were
NOTE Confidence: 0.932865320909091

00:07:17.480 --> 00:07:19.989 digging a little bit deeper into some
NOTE Confidence: 0.932865320909091

00:07:19.989 --> 00:07:22.906 of the subgroups that that seem to be
NOTE Confidence: 0.932865320909091

00:07:22.906 --> 00:07:24.916 highly represented within the groups.
NOTE Confidence: 0.932865320909091

00:07:24.920 --> 00:07:28.352 And for example that would be the tremors
NOTE Confidence: 0.932865320909091

00:07:28.352 --> 00:07:30.959 and internal vibrations or people,
NOTE Confidence: 0.932865320909091

00:07:30.960 --> 00:07:32.076 a lot of people with tinnitus,
NOTE Confidence: 0.932865320909091

00:07:32.080 --> 00:07:33.598 a lot of people with POTS.
NOTE Confidence: 0.932865320909091

00:07:33.600 --> 00:07:36.128 So we're going to be trying to look
NOTE Confidence: 0.932865320909091

00:07:36.128 --> 00:07:39.400 and see particularly at at very
NOTE Confidence: 0.932865320909091

00:07:39.400 --> 00:07:41.484 prominent symptom symptom groups,
NOTE Confidence: 0.932865320909091

00:07:41.484 --> 00:07:44.158 but we're also looking at how those
NOTE Confidence: 0.932865320909091

00:07:44.158 --> 00:07:46.428 cluster with other symptoms as well.

NOTE Confidence: 0.932865320909091
00:07:46.428 --> 00:07:48.486 And you know the the issues sort
NOTE Confidence: 0.932865320909091
00:07:48.486 --> 00:07:51.020 of like people want to talk about
NOTE Confidence: 0.932865320909091
00:07:51.020 --> 00:07:52.160 these conditions globally,
NOTE Confidence: 0.932865320909091
00:07:52.160 --> 00:07:54.834 but within the conditions you know it,
NOTE Confidence: 0.932865320909091
00:07:54.840 --> 00:07:56.440 it's probably a, you know,
NOTE Confidence: 0.932865320909091
00:07:56.440 --> 00:07:58.150 a misunderstanding to think of this
NOTE Confidence: 0.932865320909091
00:07:58.150 --> 00:08:00.270 as sort of one thing either long
NOTE Confidence: 0.932865320909091
00:08:00.270 --> 00:08:02.160 COVID or one thing vaccine injury.
NOTE Confidence: 0.932865320909091
00:08:02.160 --> 00:08:04.456 But in in fact there are different
NOTE Confidence: 0.932865320909091
00:08:04.456 --> 00:08:06.120 subpopulations that are exhibiting.
NOTE Confidence: 0.932865320909091
00:08:06.120 --> 00:08:07.920 They're very similar among themselves,
NOTE Confidence: 0.932865320909091
00:08:07.920 --> 00:08:10.034 but maybe very different from other people.
NOTE Confidence: 0.932865320909091
00:08:10.040 --> 00:08:12.736 And so we're going to try to try
NOTE Confidence: 0.932865320909091
00:08:12.736 --> 00:08:14.700 to to to really characterize that
NOTE Confidence: 0.932865320909091
00:08:14.700 --> 00:08:17.064 and then their issues of of timing,
NOTE Confidence: 0.932865320909091

00:08:17.064 --> 00:08:20.040 you know when did people get the symptoms,

NOTE Confidence: 0.932865320909091

00:08:20.040 --> 00:08:21.000 how long did they last,

NOTE Confidence: 0.932865320909091

00:08:21.000 --> 00:08:21.840 did they come and go,

NOTE Confidence: 0.932865320909091

00:08:21.840 --> 00:08:23.145 are they persistent,

NOTE Confidence: 0.932865320909091

00:08:23.145 --> 00:08:25.755 what kind of trajectories are there?

NOTE Confidence: 0.932865320909091

00:08:25.760 --> 00:08:28.118 And then also within the different

NOTE Confidence: 0.932865320909091

00:08:28.118 --> 00:08:31.079 vaccines or within the different variants,

NOTE Confidence: 0.932865320909091

00:08:31.080 --> 00:08:32.544 you know are they are people

NOTE Confidence: 0.932865320909091

00:08:32.544 --> 00:08:34.040 manifesting the same or different?

NOTE Confidence: 0.932865320909091

00:08:34.040 --> 00:08:35.636 And then how about different other subgroups,

NOTE Confidence: 0.932865320909091

00:08:35.640 --> 00:08:38.280 men and women,

NOTE Confidence: 0.932865320909091

00:08:38.280 --> 00:08:41.164 people who had some prior certain kinds

NOTE Confidence: 0.932865320909091

00:08:41.164 --> 00:08:43.156 of conditions versus people who didn't.

NOTE Confidence: 0.932865320909091

00:08:43.156 --> 00:08:44.668 I mean we're we're really trying

NOTE Confidence: 0.932865320909091

00:08:44.668 --> 00:08:46.263 to understand this in the best way

NOTE Confidence: 0.932865320909091

00:08:46.263 --> 00:08:47.920 we can and and characterize it.

NOTE Confidence: 0.9188361625

00:08:53.680 --> 00:08:55.444 Let me just give you a

NOTE Confidence: 0.9188361625

00:08:55.444 --> 00:08:57.199 sense of of listen so far.

NOTE Confidence: 0.9188361625

00:08:57.200 --> 00:09:00.600 So there are 1500 people who have joined

NOTE Confidence: 0.9188361625

00:09:00.600 --> 00:09:05.044 Listen and within that group we have

NOTE Confidence: 0.9188361625

00:09:05.044 --> 00:09:08.319 almost 600 who are long COVID only.

NOTE Confidence: 0.9188361625

00:09:08.320 --> 00:09:10.959 We have about 350 who report both

NOTE Confidence: 0.9188361625

00:09:10.959 --> 00:09:13.900 long COVID and vaccine injury and and

NOTE Confidence: 0.9188361625

00:09:13.900 --> 00:09:16.380 about 350 a little bit more who say

NOTE Confidence: 0.9188361625

00:09:16.457 --> 00:09:19.199 vaccine injury only within this group.

NOTE Confidence: 0.9188361625

00:09:19.200 --> 00:09:22.451 Like I said, 1500 overall 3/4

NOTE Confidence: 0.9188361625

00:09:22.451 --> 00:09:25.157 of the group report as female

NOTE Confidence: 0.9188361625

00:09:25.160 --> 00:09:28.448 and 23% report as male,

NOTE Confidence: 0.9188361625

00:09:28.448 --> 00:09:30.440 1.3% report as non binary.

NOTE Confidence: 0.9188361625

00:09:30.440 --> 00:09:31.640 Within this group,

NOTE Confidence: 0.924945902

00:09:34.280 --> 00:09:36.960 84% self report as white.

NOTE Confidence: 0.924945902

00:09:36.960 --> 00:09:39.840 And then you know we have a range of others.

NOTE Confidence: 0.924945902

00:09:39.840 --> 00:09:42.342 Although I I I think we have the sense

NOTE Confidence: 0.924945902

00:09:42.342 --> 00:09:44.556 that we need to think hard about how

NOTE Confidence: 0.924945902

00:09:44.556 --> 00:09:47.038 we can be as inclusive as possible.

NOTE Confidence: 0.924945902

00:09:47.040 --> 00:09:48.706 We we think that there are probably

NOTE Confidence: 0.924945902

00:09:48.706 --> 00:09:50.802 a lot of people where they're still

NOTE Confidence: 0.924945902

00:09:50.802 --> 00:09:52.880 not reaching and and if we could

NOTE Confidence: 0.924945902

00:09:52.880 --> 00:09:54.500 improve the diversity of the group

NOTE Confidence: 0.924945902

00:09:54.563 --> 00:09:57.440 it would help us with its represent

NOTE Confidence: 0.924945902

00:09:57.440 --> 00:09:58.673 representativeness and generalizability.

NOTE Confidence: 0.924945902

00:09:58.680 --> 00:10:01.676 So any ideas you guys have about that

NOTE Confidence: 0.924945902

00:10:01.676 --> 00:10:04.800 you know what we can be doing to reach to

NOTE Confidence: 0.924945902

00:10:04.800 --> 00:10:07.680 get a more diverse group that would be great.

NOTE Confidence: 0.924945902

00:10:07.680 --> 00:10:10.440 87% of listen is from the United States.

NOTE Confidence: 0.924945902

00:10:10.440 --> 00:10:12.824 So it's it's mostly from the US but

NOTE Confidence: 0.924945902

00:10:12.824 --> 00:10:14.861 interestingly we do have you know good

NOTE Confidence: 0.924945902

00:10:14.861 --> 00:10:16.496 representation from around the world

NOTE Confidence: 0.924945902

00:10:16.496 --> 00:10:18.992 as well And and one thing you may be

NOTE Confidence: 0.924945902

00:10:18.992 --> 00:10:21.360 interested in is that you know by and

NOTE Confidence: 0.924945902

00:10:21.360 --> 00:10:23.860 large the listen community is a group

NOTE Confidence: 0.924945902

00:10:23.860 --> 00:10:26.518 that's that's highly affected by the

NOTE Confidence: 0.924945902

00:10:26.518 --> 00:10:30.120 conditions that they have and so on that

NOTE Confidence: 0.924945902

00:10:30.120 --> 00:10:37.615 zero to 100 scale the the the mean is is 51.

NOTE Confidence: 0.924945902

00:10:37.615 --> 00:10:40.856 So if you look in in the United States or

NOTE Confidence: 0.924945902

00:10:40.856 --> 00:10:44.298 if you look at our group that by the way

NOTE Confidence: 0.924945902

00:10:44.298 --> 00:10:46.920 the number should be about 80 or 82 that is

NOTE Confidence: 0.924945902

00:10:46.920 --> 00:10:48.959 just an average across the United States.

NOTE Confidence: 0.924945902

00:10:48.959 --> 00:10:51.472 We we have 214 people who joined

NOTE Confidence: 0.924945902

00:10:51.472 --> 00:10:53.724 as controls that is they don't

NOTE Confidence: 0.924945902

00:10:53.724 --> 00:10:55.920 have lung COVID or vaccine injury.

NOTE Confidence: 0.924945902

00:10:55.920 --> 00:10:58.120 We need this for reference

NOTE Confidence: 0.924945902

00:10:58.120 --> 00:10:58.838 populations initially.
NOTE Confidence: 0.924945902

00:10:58.838 --> 00:11:01.062 Remember I told you in the United States
NOTE Confidence: 0.924945902

00:11:01.062 --> 00:11:03.328 if you go to that euro quality of life,
NOTE Confidence: 0.924945902

00:11:03.328 --> 00:11:04.234 visual analog scale,
NOTE Confidence: 0.924945902

00:11:04.240 --> 00:11:05.500 that's what it's called,
NOTE Confidence: 0.924945902

00:11:05.500 --> 00:11:07.845 that zero to 100 scale in the US,
NOTE Confidence: 0.924945902

00:11:07.845 --> 00:11:09.630 the normative value of folks in the
NOTE Confidence: 0.924945902

00:11:09.694 --> 00:11:11.700 US something like 8284 and and that's
NOTE Confidence: 0.924945902

00:11:11.700 --> 00:11:13.290 because of course people don't have
NOTE Confidence: 0.924945902

00:11:13.338 --> 00:11:14.878 perfect health if you go out in,
NOTE Confidence: 0.924945902

00:11:14.880 --> 00:11:17.120 in, in in the population.
NOTE Confidence: 0.924945902

00:11:17.120 --> 00:11:19.816 But in our control group it's 80.
NOTE Confidence: 0.924945902

00:11:19.816 --> 00:11:21.356 So actually our control group
NOTE Confidence: 0.924945902

00:11:21.356 --> 00:11:22.280 that that's good.
NOTE Confidence: 0.924945902

00:11:22.280 --> 00:11:24.434 Our control group looks very much
NOTE Confidence: 0.924945902

00:11:24.434 --> 00:11:26.648 like what you might expect from

NOTE Confidence: 0.924945902

00:11:26.648 --> 00:11:28.614 from that in in the US we've been

NOTE Confidence: 0.924945902

00:11:28.614 --> 00:11:30.400 thinking how do we get more controls,

NOTE Confidence: 0.924945902

00:11:30.400 --> 00:11:32.038 how do we to get that in?

NOTE Confidence: 0.924945902

00:11:32.040 --> 00:11:33.360 Well, who would be good controls?

NOTE Confidence: 0.924945902

00:11:33.360 --> 00:11:35.520 And one of the things we thought was

NOTE Confidence: 0.924945902

00:11:35.520 --> 00:11:37.277 especially for the people who are who

NOTE Confidence: 0.924945902

00:11:37.277 --> 00:11:38.883 are giving the biospecimens because

NOTE Confidence: 0.924945902

00:11:38.883 --> 00:11:40.479 we're getting biospecimens from

NOTE Confidence: 0.924945902

00:11:40.479 --> 00:11:42.536 controls also is asking people who

NOTE Confidence: 0.924945902

00:11:42.536 --> 00:11:44.420 are participating if they can maybe

NOTE Confidence: 0.924945902

00:11:44.486 --> 00:11:46.958 identify someone who's in their demographic,

NOTE Confidence: 0.924945902

00:11:46.960 --> 00:11:49.372 who's around them either related to

NOTE Confidence: 0.924945902

00:11:49.372 --> 00:11:53.200 them or or or in their in their network,

NOTE Confidence: 0.924945902

00:11:53.200 --> 00:11:54.090 you know,

NOTE Confidence: 0.924945902

00:11:54.090 --> 00:11:56.315 locally in their neighborhoods or

NOTE Confidence: 0.924945902

00:11:56.320 --> 00:11:58.396 friends or family who might be
NOTE Confidence: 0.924945902

00:11:58.396 --> 00:11:59.434 willing to participate,
NOTE Confidence: 0.924945902

00:11:59.440 --> 00:12:01.408 who are kind of around their same age
NOTE Confidence: 0.924945902

00:12:01.408 --> 00:12:03.527 and and maybe same sex that that maybe
NOTE Confidence: 0.924945902

00:12:03.527 --> 00:12:05.998 we can enlist you to help us find controls.
NOTE Confidence: 0.924945902

00:12:06.000 --> 00:12:07.596 Because the faster and better we
NOTE Confidence: 0.924945902

00:12:07.596 --> 00:12:09.360 can find controls who are like you,
NOTE Confidence: 0.924945902

00:12:09.360 --> 00:12:10.396 the better off we're going to be.
NOTE Confidence: 0.924945902

00:12:10.400 --> 00:12:13.080 So any help that you can give us on that?
NOTE Confidence: 0.924945902

00:12:13.080 --> 00:12:13.480 And Bernali,
NOTE Confidence: 0.924945902

00:12:13.480 --> 00:12:14.480 thank you for joining us.
NOTE Confidence: 0.924945902

00:12:14.480 --> 00:12:15.830 That's all you're on now
NOTE Confidence: 0.924945902

00:12:15.830 --> 00:12:17.180 though I see somehow you're
NOTE Confidence: 0.750129197692308

00:12:17.236 --> 00:12:21.040 on Leslie's name. But I'm glad we got a
NOTE Confidence: 0.750129197692308

00:12:21.040 --> 00:12:22.960 link for you to join. You want to say hi?
NOTE Confidence: 0.962359025

00:12:24.440 --> 00:12:27.518 Hello. Sorry, I couldn't get in.

NOTE Confidence: 0.962359025

00:12:27.520 --> 00:12:29.074 And Leslie helped me to get in.

NOTE Confidence: 0.962359025

00:12:29.080 --> 00:12:30.640 Thank you, Leslie.

NOTE Confidence: 0.962359025

00:12:30.640 --> 00:12:34.800 So that was very helpful. Oh, good.

NOTE Confidence: 0.907964534285714

00:12:34.800 --> 00:12:38.118 So if you look at health status,

NOTE Confidence: 0.907964534285714

00:12:38.120 --> 00:12:41.560 it looks like they're about 30% of

NOTE Confidence: 0.907964534285714

00:12:41.560 --> 00:12:45.775 people overall in in listen who

NOTE Confidence: 0.907964534285714

00:12:45.775 --> 00:12:48.544 report excellent or very good health.

NOTE Confidence: 0.907964534285714

00:12:48.544 --> 00:12:51.310 But most folks are, you know,

NOTE Confidence: 0.907964534285714

00:12:51.310 --> 00:12:54.080 it's like half of them are fair or poor.

NOTE Confidence: 0.907964534285714

00:12:54.080 --> 00:12:56.040 And that's no surprise to many of you.

NOTE Confidence: 0.907964534285714

00:12:56.040 --> 00:13:00.193 I know because you know that's how

NOTE Confidence: 0.907964534285714

00:13:00.193 --> 00:13:02.650 you feel and but but I think it's it's

NOTE Confidence: 0.907964534285714

00:13:02.717 --> 00:13:05.057 also important one that we're we're

NOTE Confidence: 0.907964534285714

00:13:05.057 --> 00:13:07.220 sensitive to the struggles people have

NOTE Confidence: 0.907964534285714

00:13:07.220 --> 00:13:10.091 but also gives us as researchers I

NOTE Confidence: 0.907964534285714

00:13:10.091 --> 00:13:13.073 think even greater imperative that we
NOTE Confidence: 0.907964534285714

00:13:13.073 --> 00:13:15.716 work hard to try to get answers because
NOTE Confidence: 0.907964534285714

00:13:15.716 --> 00:13:18.039 you know there's so many people in our
NOTE Confidence: 0.907964534285714

00:13:18.039 --> 00:13:19.720 group who are really really suffering.
NOTE Confidence: 0.907964534285714

00:13:19.720 --> 00:13:21.799 I mean we know that we hear the stories
NOTE Confidence: 0.907964534285714

00:13:21.800 --> 00:13:23.830 but you know and it's reflected in
NOTE Confidence: 0.907964534285714

00:13:23.830 --> 00:13:28.640 this of course if you look at, if you,
NOTE Confidence: 0.907964534285714

00:13:28.640 --> 00:13:31.160 if you look at the people reporting
NOTE Confidence: 0.907964534285714

00:13:31.160 --> 00:13:33.734 on COVID about one in four do report
NOTE Confidence: 0.907964534285714

00:13:33.734 --> 00:13:35.360 very good or excellent health,
NOTE Confidence: 0.907964534285714

00:13:35.360 --> 00:13:37.852 but most people are are not reporting
NOTE Confidence: 0.907964534285714

00:13:37.852 --> 00:13:38.920 that at all.
NOTE Confidence: 0.907964534285714

00:13:38.920 --> 00:13:40.800 You know we have 6070% who are
NOTE Confidence: 0.907964534285714

00:13:40.800 --> 00:13:42.360 reporting not very good at all.
NOTE Confidence: 0.907964534285714

00:13:42.360 --> 00:13:44.360 And and you know of course the people,
NOTE Confidence: 0.907964534285714

00:13:44.360 --> 00:13:46.880 the control population is skewed towards,

NOTE Confidence: 0.907964534285714
00:13:46.880 --> 00:13:48.218 towards good health as you might
NOTE Confidence: 0.907964534285714
00:13:48.218 --> 00:13:49.479 expect and that's what we want.
NOTE Confidence: 0.907964534285714
00:13:49.480 --> 00:13:51.165 We want that because there's
NOTE Confidence: 0.907964534285714
00:13:51.165 --> 00:13:52.120 a comparison group
NOTE Confidence: 0.837132115882353
00:13:56.200 --> 00:13:58.084 and I want to just emphasize
NOTE Confidence: 0.837132115882353
00:13:58.084 --> 00:14:00.077 again as this whole program where
NOTE Confidence: 0.837132115882353
00:14:00.077 --> 00:14:02.520 we're working to be as much as
NOTE Confidence: 0.837132115882353
00:14:02.520 --> 00:14:04.040 participant centric as possible.
NOTE Confidence: 0.837132115882353
00:14:04.040 --> 00:14:05.000 We want to listen to you.
NOTE Confidence: 0.837132115882353
00:14:05.000 --> 00:14:06.200 We want to hear your ideas.
NOTE Confidence: 0.837132115882353
00:14:06.200 --> 00:14:07.375 We want to make this
NOTE Confidence: 0.837132115882353
00:14:07.375 --> 00:14:08.315 study convenient for you.
NOTE Confidence: 0.837132115882353
00:14:08.320 --> 00:14:10.160 We want to return results
NOTE Confidence: 0.837132115882353
00:14:10.160 --> 00:14:11.632 as much as possible.
NOTE Confidence: 0.837132115882353
00:14:11.640 --> 00:14:13.638 And then we're also very committed,
NOTE Confidence: 0.837132115882353

00:14:13.640 --> 00:14:14.136 of course,
NOTE Confidence: 0.837132115882353

00:14:14.136 --> 00:14:16.120 as soon as we learn things and listen,
NOTE Confidence: 0.837132115882353

00:14:16.120 --> 00:14:17.482 we're going to post the preprint
NOTE Confidence: 0.837132115882353

00:14:17.482 --> 00:14:19.298 and we want to have town Hall so
NOTE Confidence: 0.837132115882353

00:14:19.298 --> 00:14:20.863 we can explain to you what we
NOTE Confidence: 0.837132115882353

00:14:20.863 --> 00:14:22.285 found and get your feedback too
NOTE Confidence: 0.837132115882353

00:14:22.285 --> 00:14:23.720 about what you think about it.
NOTE Confidence: 0.833934385

00:14:28.760 --> 00:14:30.920 With the lab, we're working with the IRB,
NOTE Confidence: 0.833934385

00:14:30.920 --> 00:14:32.810 the, the regulatory oversight of the
NOTE Confidence: 0.833934385

00:14:32.810 --> 00:14:35.240 study to figure out for those who
NOTE Confidence: 0.833934385

00:14:35.240 --> 00:14:36.720 do have biospecimen collections,
NOTE Confidence: 0.833934385

00:14:36.720 --> 00:14:38.718 what can we return and and how can we
NOTE Confidence: 0.833934385

00:14:38.718 --> 00:14:41.049 get that back to people, as you know,
NOTE Confidence: 0.833934385

00:14:41.049 --> 00:14:43.864 so that they get at least some information
NOTE Confidence: 0.833934385

00:14:43.864 --> 00:14:47.154 about those tests that are being done.
NOTE Confidence: 0.833934385

00:14:47.160 --> 00:14:49.866 There's some negotiation on our part

NOTE Confidence: 0.833934385

00:14:49.866 --> 00:14:52.960 because the IRB is worried about us

NOTE Confidence: 0.833934385

00:14:52.960 --> 00:14:54.988 giving back non clinical tests because

NOTE Confidence: 0.833934385

00:14:54.988 --> 00:14:57.226 they don't want people acting on the

NOTE Confidence: 0.833934385

00:14:57.226 --> 00:14:59.165 tests that you know are all research

NOTE Confidence: 0.833934385

00:14:59.221 --> 00:15:01.076 tests and then we know people are

NOTE Confidence: 0.833934385

00:15:01.076 --> 00:15:02.570 hungry for any information about

NOTE Confidence: 0.833934385

00:15:02.570 --> 00:15:04.640 their bodies and what's going on.

NOTE Confidence: 0.833934385

00:15:04.640 --> 00:15:06.327 So we're we're sort of fighting to

NOTE Confidence: 0.833934385

00:15:06.327 --> 00:15:08.357 figure out as much as we can give back,

NOTE Confidence: 0.833934385

00:15:08.360 --> 00:15:09.320 we're going to get back.

NOTE Confidence: 0.833934385

00:15:09.320 --> 00:15:10.280 We're in the midst of that.

NOTE Confidence: 0.898575362222222

00:15:14.360 --> 00:15:17.159 I'll also ask for this like on the chat,

NOTE Confidence: 0.898575362222222

00:15:17.160 --> 00:15:20.580 if anyone is in this group who are who's

NOTE Confidence: 0.898575362222222

00:15:20.580 --> 00:15:23.319 reporting long COVID and vaccine injury.

NOTE Confidence: 0.898575362222222

00:15:23.320 --> 00:15:25.771 I I wonder if you could just tell us a little

NOTE Confidence: 0.898575362222222

00:15:25.771 --> 00:15:28.273 bit about like what led you to report both.
NOTE Confidence: 0.898575362222222

00:15:28.280 --> 00:15:31.475 I mean, did did one occur before the other?
NOTE Confidence: 0.898575362222222

00:15:31.480 --> 00:15:34.008 Did you did did like the vaccine exacerbate
NOTE Confidence: 0.898575362222222

00:15:34.008 --> 00:15:36.737 long COVID or like we're trying to understand
NOTE Confidence: 0.898575362222222

00:15:36.737 --> 00:15:39.000 what that means exactly because there are
NOTE Confidence: 0.898575362222222

00:15:39.000 --> 00:15:42.048 a lot of people who have, like I said,
NOTE Confidence: 0.898575362222222

00:15:42.048 --> 00:15:44.930 350 people who've reported that they're both
NOTE Confidence: 0.898575362222222

00:15:44.930 --> 00:15:46.749 and and you know what we're just trying to
NOTE Confidence: 0.898575362222222

00:15:46.749 --> 00:15:48.325 figure out a little bit about like, well,
NOTE Confidence: 0.898575362222222

00:15:48.325 --> 00:15:51.160 what is that an entirely separate group?
NOTE Confidence: 0.898575362222222

00:15:51.160 --> 00:15:53.805 I think TJDF you would write it or
NOTE Confidence: 0.898575362222222

00:15:53.805 --> 00:15:55.590 ultimately like I think maybe we might
NOTE Confidence: 0.898575362222222

00:15:55.645 --> 00:15:57.885 even end should maybe call people and try
NOTE Confidence: 0.898575362222222

00:15:57.885 --> 00:15:59.675 to understand or if you can write it,
NOTE Confidence: 0.898575362222222

00:15:59.680 --> 00:16:00.480 you can write it here.
NOTE Confidence: 0.898575362222222

00:16:00.480 --> 00:16:04.570 You can you can also e-mail us and

NOTE Confidence: 0.898575362222222
00:16:04.570 --> 00:16:05.440 what is it?
NOTE Confidence: 0.898575362222222
00:16:05.440 --> 00:16:06.600 Listen study at yale.edu,
NOTE Confidence: 0.898575362222222
00:16:06.600 --> 00:16:07.632 isn't that right Mitsu?
NOTE Confidence: 0.898575362222222
00:16:07.632 --> 00:16:09.680 I think it's listen study at yale.edu.
NOTE Confidence: 0.898575362222222
00:16:09.680 --> 00:16:10.760 We'll pull everything
NOTE Confidence: 0.898575362222222
00:16:10.760 --> 00:16:12.560 down from the chat also.
NOTE Confidence: 0.898575362222222
00:16:12.560 --> 00:16:14.232 But I'm I'm just giving you an example
NOTE Confidence: 0.898575362222222
00:16:14.232 --> 00:16:16.260 of why we want to interact with folks
NOTE Confidence: 0.898575362222222
00:16:16.260 --> 00:16:17.599 because there's like some things
NOTE Confidence: 0.898575362222222
00:16:17.599 --> 00:16:19.193 that that we're trying to puzzles.
NOTE Confidence: 0.898575362222222
00:16:19.193 --> 00:16:20.252 So Kath Kathryn,
NOTE Confidence: 0.898575362222222
00:16:20.252 --> 00:16:23.440 you say you've long COVID M vaccine injury.
NOTE Confidence: 0.898575362222222
00:16:23.440 --> 00:16:26.968 You know it's like again you could do
NOTE Confidence: 0.898575362222222
00:16:26.968 --> 00:16:28.198 it in chat. You could do it in e-mail.
NOTE Confidence: 0.898575362222222
00:16:28.200 --> 00:16:29.220 It's like what?
NOTE Confidence: 0.898575362222222

00:16:29.220 --> 00:16:30.920 What does that mean exactly?
NOTE Confidence: 0.898575362222222

00:16:30.920 --> 00:16:32.576 Because you know,
NOTE Confidence: 0.898575362222222

00:16:32.576 --> 00:16:35.070 did they how did they why are
NOTE Confidence: 0.898575362222222

00:16:35.070 --> 00:16:36.840 you saying that you have that?
NOTE Confidence: 0.898575362222222

00:16:36.840 --> 00:16:38.625 How are you disentangling them
NOTE Confidence: 0.898575362222222

00:16:38.625 --> 00:16:41.067 and so forth Because you had long
NOTE Confidence: 0.898575362222222

00:16:41.067 --> 00:16:43.203 COVID and then you then you also
NOTE Confidence: 0.898575362222222

00:16:43.203 --> 00:16:44.487 had something entirely different
NOTE Confidence: 0.898575362222222

00:16:44.487 --> 00:16:46.158 or it exacerbated what you had.
NOTE Confidence: 0.898575362222222

00:16:46.160 --> 00:16:47.560 That's what we're trying to.
NOTE Confidence: 0.898575362222222

00:16:47.560 --> 00:16:49.632 I get a sense from folks about what
NOTE Confidence: 0.898575362222222

00:16:49.632 --> 00:16:51.645 that means and and how we should
NOTE Confidence: 0.898575362222222

00:16:51.645 --> 00:16:53.480 probably handle it within the study.
NOTE Confidence: 0.898575362222222

00:16:53.480 --> 00:16:54.450 We're thinking hard about that
NOTE Confidence: 0.898575362222222

00:16:54.450 --> 00:16:55.920 and also open to any suggestions.
NOTE Confidence: 0.946766367

00:17:00.160 --> 00:17:01.680 I'm just going to say that I know we've been,

NOTE Confidence: 0.946766367

00:17:01.680 --> 00:17:03.010 we haven't been going as

NOTE Confidence: 0.946766367

00:17:03.010 --> 00:17:04.959 fast as as we wish we could.

NOTE Confidence: 0.946766367

00:17:04.960 --> 00:17:05.960 Funding has been an issue.

NOTE Confidence: 0.946766367

00:17:05.960 --> 00:17:07.120 We're out looking for funding.

NOTE Confidence: 0.946766367

00:17:07.120 --> 00:17:08.590 We're trying to strengthen our

NOTE Confidence: 0.946766367

00:17:08.590 --> 00:17:10.480 ability to move faster and better.

NOTE Confidence: 0.946766367

00:17:10.480 --> 00:17:12.424 But let me let me just say we are

NOTE Confidence: 0.946766367

00:17:12.424 --> 00:17:13.842 fully committed particularly through

NOTE Confidence: 0.946766367

00:17:13.842 --> 00:17:16.089 the next like like now like we're

NOTE Confidence: 0.946766367

00:17:16.089 --> 00:17:17.957 we feel like we're getting enough

NOTE Confidence: 0.946766367

00:17:17.957 --> 00:17:20.151 data in that we should be producing

NOTE Confidence: 0.946766367

00:17:20.151 --> 00:17:22.077 insights and putting stuff up and

NOTE Confidence: 0.946766367

00:17:22.077 --> 00:17:24.140 getting it out and and we're we're

NOTE Confidence: 0.946766367

00:17:24.140 --> 00:17:25.560 we're strongly committed to this

NOTE Confidence: 0.946766367

00:17:25.612 --> 00:17:27.754 and and we know that many of you are

NOTE Confidence: 0.946766367

00:17:27.754 --> 00:17:29.386 frustrated many of you are not are
NOTE Confidence: 0.946766367

00:17:29.386 --> 00:17:31.030 finding it hard both because of your
NOTE Confidence: 0.946766367

00:17:31.030 --> 00:17:32.530 symptoms and because of the reception
NOTE Confidence: 0.946766367

00:17:32.530 --> 00:17:34.080 then the medical care environment.
NOTE Confidence: 0.946766367

00:17:34.080 --> 00:17:35.616 We don't think enough people are
NOTE Confidence: 0.946766367

00:17:35.616 --> 00:17:37.153 doing research in this area and
NOTE Confidence: 0.946766367

00:17:37.153 --> 00:17:39.337 and we want to be good partners in
NOTE Confidence: 0.946766367

00:17:39.337 --> 00:17:41.287 this and and see what we can do
NOTE Confidence: 0.946766367

00:17:41.287 --> 00:17:42.760 to push things forward with you.
NOTE Confidence: 0.963105795

00:17:47.880 --> 00:17:50.965 We're also in the process of of
NOTE Confidence: 0.963105795

00:17:50.965 --> 00:17:52.511 continue to revise and refine the
NOTE Confidence: 0.963105795

00:17:52.511 --> 00:17:53.956 kinds of questions we're asking.
NOTE Confidence: 0.963105795

00:17:53.960 --> 00:17:55.479 We're going to ask more questions of
NOTE Confidence: 0.963105795

00:17:55.479 --> 00:17:57.304 the controls, try to improve that.
NOTE Confidence: 0.963105795

00:17:57.304 --> 00:17:59.881 But we're also all ears as you you
NOTE Confidence: 0.963105795

00:17:59.881 --> 00:18:01.087 know may make suggestions to us

NOTE Confidence: 0.963105795

00:18:01.087 --> 00:18:02.277 about the things we want to do.

NOTE Confidence: 0.963105795

00:18:02.280 --> 00:18:03.840 You know we want to be open to

NOTE Confidence: 0.963105795

00:18:03.840 --> 00:18:06.198 research questions that you guys have.

NOTE Confidence: 0.963105795

00:18:06.200 --> 00:18:07.866 So you may be wondering about something

NOTE Confidence: 0.963105795

00:18:07.866 --> 00:18:09.676 and we can be an engine for that.

NOTE Confidence: 0.963105795

00:18:09.680 --> 00:18:11.368 We can see whether or not we can

NOTE Confidence: 0.963105795

00:18:11.368 --> 00:18:12.880 put together a quick questionnaire,

NOTE Confidence: 0.963105795

00:18:12.880 --> 00:18:16.240 send it out, learn together, post the result.

NOTE Confidence: 0.963105795

00:18:16.240 --> 00:18:20.708 I mean there are ways that we can work

NOTE Confidence: 0.963105795

00:18:20.708 --> 00:18:23.440 together and you know that Teresa's on,

NOTE Confidence: 0.963105795

00:18:23.440 --> 00:18:26.549 I saw it today and and she's already

NOTE Confidence: 0.963105795

00:18:26.549 --> 00:18:28.403 like helping us to think about

NOTE Confidence: 0.963105795

00:18:28.403 --> 00:18:30.457 people who've got this sort of

NOTE Confidence: 0.963105795

00:18:30.457 --> 00:18:31.877 tremors and internal vibrations.

NOTE Confidence: 0.963105795

00:18:31.880 --> 00:18:32.843 Like I said,

NOTE Confidence: 0.963105795

00:18:32.843 --> 00:18:34.769 we're going to be bringing together
NOTE Confidence: 0.963105795

00:18:34.769 --> 00:18:36.692 groups of with specific symptom
NOTE Confidence: 0.963105795

00:18:36.692 --> 00:18:38.682 clusters so that we can work together
NOTE Confidence: 0.963105795

00:18:38.682 --> 00:18:40.880 and and try to advance the ball.
NOTE Confidence: 0.963105795

00:18:40.880 --> 00:18:42.599 But we want to be if there are those
NOTE Confidence: 0.963105795

00:18:42.599 --> 00:18:44.558 of you who really want to be involved,
NOTE Confidence: 0.963105795

00:18:44.560 --> 00:18:46.856 you know let us know because you know
NOTE Confidence: 0.963105795

00:18:46.856 --> 00:18:48.720 again we're we're still learning,
NOTE Confidence: 0.963105795

00:18:48.720 --> 00:18:49.640 we're going to make mistakes.
NOTE Confidence: 0.963105795

00:18:49.640 --> 00:18:52.000 We got to figure out how to do this well.
NOTE Confidence: 0.963105795

00:18:52.000 --> 00:18:53.784 But you know we're looking for you to
NOTE Confidence: 0.963105795

00:18:53.784 --> 00:18:55.545 hear also about your interest and we
NOTE Confidence: 0.963105795

00:18:55.545 --> 00:18:57.192 want to be respectful of also what you
NOTE Confidence: 0.963105795

00:18:57.192 --> 00:18:58.760 want to do in the time that you have.
NOTE Confidence: 0.820410731333333

00:19:02.680 --> 00:19:04.850 So the the last thing I want to say is
NOTE Confidence: 0.820410731333333

00:19:04.916 --> 00:19:07.332 some of you have seen that Kindred posted

NOTE Confidence: 0.820410731333333
00:19:07.332 --> 00:19:10.541 this issue about there is an A reporter,
NOTE Confidence: 0.820410731333333
00:19:10.541 --> 00:19:13.208 actually let's call her a writer more
NOTE Confidence: 0.820410731333333
00:19:13.208 --> 00:19:16.944 than a reporter, who is a physician,
NOTE Confidence: 0.820410731333333
00:19:16.944 --> 00:19:19.484 A geriatrician actually I think a
NOTE Confidence: 0.820410731333333
00:19:19.484 --> 00:19:20.888 remarkably talented individual who
NOTE Confidence: 0.820410731333333
00:19:20.888 --> 00:19:22.680 also writes for The New Yorker.
NOTE Confidence: 0.820410731333333
00:19:22.680 --> 00:19:25.128 She wants to do a story on listen and
NOTE Confidence: 0.820410731333333
00:19:25.128 --> 00:19:27.680 she's talked to a bunch of people in
NOTE Confidence: 0.820410731333333
00:19:27.680 --> 00:19:30.095 listen already and I just talked to
NOTE Confidence: 0.820410731333333
00:19:30.095 --> 00:19:32.879 her yesterday and she was just saying.
NOTE Confidence: 0.820410731333333
00:19:32.880 --> 00:19:34.000 So I'm so glad to hear that Emily.
NOTE Confidence: 0.820410731333333
00:19:34.000 --> 00:19:35.488 So you spoke with her and it was
NOTE Confidence: 0.820410731333333
00:19:35.488 --> 00:19:36.440 a good experience.
NOTE Confidence: 0.820410731333333
00:19:36.440 --> 00:19:37.796 Doesn't she have like an amazing
NOTE Confidence: 0.820410731333333
00:19:37.796 --> 00:19:38.474 manner about her?
NOTE Confidence: 0.820410731333333

00:19:38.480 --> 00:19:40.415 She also by the way put me at ease
NOTE Confidence: 0.820410731333333

00:19:40.415 --> 00:19:42.717 when I talked to her and And anyway
NOTE Confidence: 0.820410731333333

00:19:42.717 --> 00:19:45.111 I'm hopeful that it'll give some
NOTE Confidence: 0.820410731333333

00:19:45.111 --> 00:19:47.895 good attention and not just to the
NOTE Confidence: 0.820410731333333

00:19:47.895 --> 00:19:50.373 study but to the lives you guys are
NOTE Confidence: 0.820410731333333

00:19:50.373 --> 00:19:52.080 leading the challenges you're facing
NOTE Confidence: 0.820410731333333

00:19:52.080 --> 00:19:57.800 and and maybe help people understand
NOTE Confidence: 0.820410731333333

00:19:57.800 --> 00:19:59.998 you know the legitimacy of of what
NOTE Confidence: 0.820410731333333

00:19:59.998 --> 00:20:02.211 you've got because as we still know
NOTE Confidence: 0.820410731333333

00:20:02.211 --> 00:20:04.023 there's still people out there who
NOTE Confidence: 0.820410731333333

00:20:04.088 --> 00:20:06.008 are doubting what's going on and
NOTE Confidence: 0.820410731333333

00:20:06.008 --> 00:20:08.102 we we know you know we we know for
NOTE Confidence: 0.820410731333333

00:20:08.102 --> 00:20:09.833 sure that there are a lot of people
NOTE Confidence: 0.820410731333333

00:20:09.833 --> 00:20:11.380 suffering and and I I think that
NOTE Confidence: 0.820410731333333

00:20:11.380 --> 00:20:13.202 she and Nicole I just think she she
NOTE Confidence: 0.820410731333333

00:20:13.202 --> 00:20:15.092 got a lot of of notes from folks

NOTE Confidence: 0.820410731333333

00:20:15.092 --> 00:20:17.115 and that's great that you wrote her.

NOTE Confidence: 0.820410731333333

00:20:17.120 --> 00:20:18.680 You can write her again she's really nice.

NOTE Confidence: 0.820410731333333

00:20:18.680 --> 00:20:20.720 I don't know how many she'll stop at.

NOTE Confidence: 0.820410731333333

00:20:20.720 --> 00:20:22.640 You know that it was a really good

NOTE Confidence: 0.820410731333333

00:20:22.640 --> 00:20:24.052 response from listen participants and

NOTE Confidence: 0.820410731333333

00:20:24.052 --> 00:20:26.160 maybe she's getting to a point where.

NOTE Confidence: 0.820410731333333

00:20:26.160 --> 00:20:27.198 She wants to do but don't.

NOTE Confidence: 0.820410731333333

00:20:27.200 --> 00:20:29.760 I don't feel that.

NOTE Confidence: 0.820410731333333

00:20:29.760 --> 00:20:30.831 You know I think it's great for

NOTE Confidence: 0.820410731333333

00:20:30.831 --> 00:20:31.480 people who've given time.

NOTE Confidence: 0.820410731333333

00:20:31.480 --> 00:20:33.097 Don't feel bad if if she didn't

NOTE Confidence: 0.820410731333333

00:20:33.097 --> 00:20:34.710 get back to you because I think

NOTE Confidence: 0.820410731333333

00:20:34.710 --> 00:20:36.703 it was just a lot of lot of folks

NOTE Confidence: 0.820410731333333

00:20:36.703 --> 00:20:38.250 but but that was so nice of you

NOTE Confidence: 0.820410731333333

00:20:38.250 --> 00:20:39.438 to to volunteer and to offer.

NOTE Confidence: 0.764615115294118

00:20:47.340 --> 00:20:48.810 So can you guys make a hand out that we
NOTE Confidence: 0.764615115294118

00:20:48.857 --> 00:20:50.257 can give out to doctors explaining 1.
NOTE Confidence: 0.764615115294118

00:20:50.260 --> 00:20:52.857 COVID and how exercise makes us worse.
NOTE Confidence: 0.764615115294118

00:20:52.860 --> 00:20:53.646 Just something simple.
NOTE Confidence: 0.764615115294118

00:20:53.646 --> 00:20:55.480 So TJI think I want to just
NOTE Confidence: 0.764615115294118

00:20:55.538 --> 00:20:57.057 sort of push some by the way,
NOTE Confidence: 0.764615115294118

00:20:57.060 --> 00:20:59.380 I think it it it's great to think about like
NOTE Confidence: 0.764615115294118

00:20:59.442 --> 00:21:01.554 how we can build resources and what can.
NOTE Confidence: 0.764615115294118

00:21:01.560 --> 00:21:03.522 But I want to sort of push that into
NOTE Confidence: 0.764615115294118

00:21:03.522 --> 00:21:05.576 Kindred a little bit just because I think
NOTE Confidence: 0.764615115294118

00:21:05.576 --> 00:21:07.448 Kindred's thinking about like how to
NOTE Confidence: 0.764615115294118

00:21:07.448 --> 00:21:09.741 build resources and and and what can happen.
NOTE Confidence: 0.764615115294118

00:21:09.741 --> 00:21:11.547 I'm very sympathetic to that and
NOTE Confidence: 0.764615115294118

00:21:11.547 --> 00:21:13.479 I think it's really important,
NOTE Confidence: 0.764615115294118

00:21:13.480 --> 00:21:17.248 but I just want to for the
NOTE Confidence: 0.764615115294118

00:21:17.248 --> 00:21:18.480 purposes of this session,

NOTE Confidence: 0.764615115294118
00:21:18.480 --> 00:21:19.880 the focus on the but I don't want to lose it.
NOTE Confidence: 0.764615115294118
00:21:19.880 --> 00:21:21.476 So Tal is of course here.
NOTE Confidence: 0.764615115294118
00:21:21.480 --> 00:21:23.856 So she can see that and we can talk
NOTE Confidence: 0.764615115294118
00:21:23.856 --> 00:21:25.278 about how we can convene a group
NOTE Confidence: 0.951041166666667
00:21:29.560 --> 00:21:31.678 with regard to the exercise stuff.
NOTE Confidence: 0.951041166666667
00:21:31.680 --> 00:21:32.905 You know, there's some stuff
NOTE Confidence: 0.951041166666667
00:21:32.905 --> 00:21:33.640 that's settled science.
NOTE Confidence: 0.951041166666667
00:21:33.640 --> 00:21:35.440 I was just wondering also whether
NOTE Confidence: 0.951041166666667
00:21:35.440 --> 00:21:37.220 we ought to incorporate some sort
NOTE Confidence: 0.951041166666667
00:21:37.220 --> 00:21:38.798 of subsidy about how how does,
NOTE Confidence: 0.951041166666667
00:21:38.800 --> 00:21:41.194 how do people react to physical exertion?
NOTE Confidence: 0.951041166666667
00:21:41.200 --> 00:21:43.000 What is that just a mean?
NOTE Confidence: 0.951041166666667
00:21:43.000 --> 00:21:44.918 But when you say people believe us,
NOTE Confidence: 0.951041166666667
00:21:44.920 --> 00:21:45.904 I think people,
NOTE Confidence: 0.951041166666667
00:21:45.904 --> 00:21:48.200 I'm happy to say whatever to say.
NOTE Confidence: 0.951041166666667

00:21:48.200 --> 00:21:50.906 People need to believe you guys
NOTE Confidence: 0.951041166666667

00:21:50.906 --> 00:21:53.005 because you're living you you have
NOTE Confidence: 0.951041166666667

00:21:53.005 --> 00:21:55.423 so much wisdom about what it's like
NOTE Confidence: 0.951041166666667

00:21:55.423 --> 00:21:57.553 to be living with these conditions.
NOTE Confidence: 0.951041166666667

00:21:57.560 --> 00:21:58.688 I would love to talk opportunity
NOTE Confidence: 0.951041166666667

00:21:58.688 --> 00:21:59.440 to talk with Lindsay.
NOTE Confidence: 0.951041166666667

00:21:59.440 --> 00:22:00.520 Somebody said so I know you
NOTE Confidence: 0.951041166666667

00:22:00.520 --> 00:22:01.400 want to answer that now
NOTE Confidence: 0.464607575

00:22:05.960 --> 00:22:08.980 do yeah. So you just have your
NOTE Confidence: 0.464607575

00:22:08.980 --> 00:22:10.880 primary or another physician put
NOTE Confidence: 0.918858435454545

00:22:10.958 --> 00:22:13.028 in a referral to Yale Neurology
NOTE Confidence: 0.918858435454545

00:22:13.028 --> 00:22:15.399 and just say post COVID clinic.
NOTE Confidence: 0.717160394

00:22:16.600 --> 00:22:18.826 Is there a link or how?
NOTE Confidence: 0.717160394

00:22:18.826 --> 00:22:20.756 How do they find that?
NOTE Confidence: 0.717160394

00:22:20.760 --> 00:22:21.755 And by the way, you don't have
NOTE Confidence: 0.717160394

00:22:21.755 --> 00:22:22.840 to do that now. Maybe you can

NOTE Confidence: 0.575119983333333
00:22:22.920 --> 00:22:24.600 get, yeah, I'll put a fax,
NOTE Confidence: 0.575119983333333
00:22:24.600 --> 00:22:27.053 like our fax number and thoughts.
NOTE Confidence: 0.575119983333333
00:22:27.053 --> 00:22:29.318 It's a little more accessible.
NOTE Confidence: 0.575119983333333
00:22:29.320 --> 00:22:33.240 I cannot see anybody out of state.
NOTE Confidence: 0.575119983333333
00:22:33.240 --> 00:22:34.320 So that's it.
NOTE Confidence: 0.575119983333333
00:22:34.320 --> 00:22:37.128 You have to be in Connecticut or in
NOTE Confidence: 0.575119983333333
00:22:37.128 --> 00:22:39.072 New York until actually that mine
NOTE Confidence: 0.575119983333333
00:22:39.072 --> 00:22:41.039 have already expired in New York.
NOTE Confidence: 0.575119983333333
00:22:41.040 --> 00:22:42.200 I'm not sure it hasn't expired
NOTE Confidence: 0.575119983333333
00:22:42.200 --> 00:22:43.000 in New York yet.
NOTE Confidence: 0.575119983333333
00:22:43.000 --> 00:22:44.800 It hasn't the telemedicine. OK.
NOTE Confidence: 0.8777049945
00:22:45.360 --> 00:22:47.110 Maybe there's some time like even on
NOTE Confidence: 0.8777049945
00:22:47.110 --> 00:22:48.956 the Kindred side that you can talk
NOTE Confidence: 0.8777049945
00:22:48.956 --> 00:22:50.516 about your experience as a clinician.
NOTE Confidence: 0.8777049945
00:22:50.520 --> 00:22:51.697 And and if you're willing, Lindsay,
NOTE Confidence: 0.8777049945

00:22:51.697 --> 00:22:54.400 I don't put you on the spot, absolutely.

NOTE Confidence: 0.8777049945

00:22:54.400 --> 00:22:56.056 But we could, I mean again like in

NOTE Confidence: 0.8777049945

00:22:56.056 --> 00:22:57.510 the interest of sort of taking that

NOTE Confidence: 0.8777049945

00:22:57.510 --> 00:22:59.212 kind of content on the other side that

NOTE Confidence: 0.8777049945

00:22:59.212 --> 00:23:00.752 could be like a Kindred Cafe Talia

NOTE Confidence: 0.8777049945

00:23:00.760 --> 00:23:03.196 that she can talk about those issues.

NOTE Confidence: 0.8777049945

00:23:03.200 --> 00:23:04.118 I think that would be great.

NOTE Confidence: 0.895038671818182

00:23:09.000 --> 00:23:11.262 So Katie, you're just saying in

NOTE Confidence: 0.895038671818182

00:23:11.262 --> 00:23:13.440 lieu of sharing our records,

NOTE Confidence: 0.895038671818182

00:23:13.440 --> 00:23:15.115 an alternative would be self

NOTE Confidence: 0.895038671818182

00:23:15.115 --> 00:23:16.790 reporting diagnosis test done and

NOTE Confidence: 0.895038671818182

00:23:16.849 --> 00:23:18.976 so on would be more accessible

NOTE Confidence: 0.895038671818182

00:23:18.976 --> 00:23:21.760 folks tech wise and privacy wise.

NOTE Confidence: 0.895038671818182

00:23:21.760 --> 00:23:24.880 So first of all thank you.

NOTE Confidence: 0.895038671818182

00:23:24.880 --> 00:23:26.632 Then you say, I remember when I filled

NOTE Confidence: 0.895038671818182

00:23:26.632 --> 00:23:28.233 out lists and it had limited options

NOTE Confidence: 0.895038671818182
00:23:28.233 --> 00:23:30.865 and not maybe you're saying not complete
NOTE Confidence: 0.895038671818182
00:23:30.865 --> 00:23:33.050 symptoms and diagnosis etcetera and
NOTE Confidence: 0.895038671818182
00:23:33.116 --> 00:23:35.288 appreciate your your your thank you,
NOTE Confidence: 0.895038671818182
00:23:35.288 --> 00:23:36.798 we thank you really honestly.
NOTE Confidence: 0.895038671818182
00:23:36.800 --> 00:23:38.280 So I think there's a couple things here.
NOTE Confidence: 0.895038671818182
00:23:38.280 --> 00:23:39.694 One is you know what we were
NOTE Confidence: 0.895038671818182
00:23:39.694 --> 00:23:41.001 trying to find balance by the
NOTE Confidence: 0.895038671818182
00:23:41.001 --> 00:23:42.513 way we worked with many of you.
NOTE Confidence: 0.895038671818182
00:23:42.520 --> 00:23:43.960 When I say you participants,
NOTE Confidence: 0.895038671818182
00:23:43.960 --> 00:23:45.927 people are part of listen as we
NOTE Confidence: 0.895038671818182
00:23:45.927 --> 00:23:47.493 tried to construct these these
NOTE Confidence: 0.895038671818182
00:23:47.493 --> 00:23:49.473 surveys and we're trying to balance
NOTE Confidence: 0.895038671818182
00:23:49.480 --> 00:23:50.896 like what was reasonable.
NOTE Confidence: 0.895038671818182
00:23:50.896 --> 00:23:53.020 In fact the reason they were
NOTE Confidence: 0.895038671818182
00:23:53.089 --> 00:23:54.690 segmented and we were doing this
NOTE Confidence: 0.895038671818182

00:23:54.690 --> 00:23:56.399 on the on the Hugo Kindred side,
NOTE Confidence: 0.895038671818182

00:23:56.400 --> 00:23:58.092 the reason they were segmented because
NOTE Confidence: 0.895038671818182

00:23:58.092 --> 00:23:59.927 folks said that it was just overwhelming
NOTE Confidence: 0.895038671818182

00:23:59.927 --> 00:24:02.065 to try to do this in a single questionnaire.
NOTE Confidence: 0.895038671818182

00:24:02.065 --> 00:24:04.450 But but you know we have a lot of
NOTE Confidence: 0.895038671818182

00:24:04.508 --> 00:24:06.428 symptoms I think like aren't there's
NOTE Confidence: 0.895038671818182

00:24:06.428 --> 00:24:08.531 like 100 symptoms and a lot of
NOTE Confidence: 0.895038671818182

00:24:08.531 --> 00:24:10.425 conditions and and a lot of people
NOTE Confidence: 0.895038671818182

00:24:10.425 --> 00:24:12.703 gave us feedback like you know that's a
NOTE Confidence: 0.895038671818182

00:24:12.703 --> 00:24:15.320 lot of work to answer all these questions.
NOTE Confidence: 0.895038671818182

00:24:15.320 --> 00:24:17.024 And honestly we we probably would
NOTE Confidence: 0.895038671818182

00:24:17.024 --> 00:24:18.720 have wanted even more you know
NOTE Confidence: 0.895038671818182

00:24:18.720 --> 00:24:20.120 because there's because we're hearing
NOTE Confidence: 0.895038671818182

00:24:20.120 --> 00:24:22.226 from you all about the wide range
NOTE Confidence: 0.895038671818182

00:24:22.226 --> 00:24:23.438 of things you're experiencing.
NOTE Confidence: 0.895038671818182

00:24:23.440 --> 00:24:25.527 We want to fully capture all of it.

NOTE Confidence: 0.895038671818182
00:24:25.527 --> 00:24:26.920 So we were kind of in a pickle.
NOTE Confidence: 0.895038671818182
00:24:26.920 --> 00:24:29.080 You know it's like we do more to be
NOTE Confidence: 0.895038671818182
00:24:29.080 --> 00:24:31.175 less and and so that's you know we
NOTE Confidence: 0.895038671818182
00:24:31.175 --> 00:24:33.318 we need to be thinking about like
NOTE Confidence: 0.895038671818182
00:24:33.318 --> 00:24:37.474 how to how to do this best And then
NOTE Confidence: 0.895038671818182
00:24:37.480 --> 00:24:39.461 and then the thing about the medical
NOTE Confidence: 0.895038671818182
00:24:39.461 --> 00:24:41.184 records and means that you know
NOTE Confidence: 0.895038671818182
00:24:41.184 --> 00:24:43.028 Hugo has policies that you know no
NOTE Confidence: 0.895038671818182
00:24:43.028 --> 00:24:44.313 data moves without your permission.
NOTE Confidence: 0.895038671818182
00:24:44.320 --> 00:24:46.396 Nothing goes off Hugo nothing's sold.
NOTE Confidence: 0.895038671818182
00:24:46.400 --> 00:24:47.312 Nothing's nothing.
NOTE Confidence: 0.895038671818182
00:24:47.312 --> 00:24:50.048 You know many places de identify
NOTE Confidence: 0.895038671818182
00:24:50.048 --> 00:24:52.365 health systems give your data to other
NOTE Confidence: 0.895038671818182
00:24:52.365 --> 00:24:54.239 companies that de identify and sell it.
NOTE Confidence: 0.895038671818182
00:24:54.240 --> 00:24:55.376 Hugo doesn't do that.
NOTE Confidence: 0.895038671818182

00:24:55.376 --> 00:24:56.796 You know people are uncomfortable.
NOTE Confidence: 0.895038671818182

00:24:56.800 --> 00:24:59.320 They shouldn't share their data
NOTE Confidence: 0.895038671818182

00:24:59.320 --> 00:25:01.756 that's that's fine you know on the
NOTE Confidence: 0.895038671818182

00:25:01.756 --> 00:25:04.790 listen side when we get it all we also
NOTE Confidence: 0.895038671818182

00:25:04.790 --> 00:25:07.240 because we're overseen by the IRB by Yale.
NOTE Confidence: 0.895038671818182

00:25:07.240 --> 00:25:08.960 You know we we don't do anything else
NOTE Confidence: 0.895038671818182

00:25:08.960 --> 00:25:10.846 with the data except what what we're
NOTE Confidence: 0.895038671818182

00:25:10.846 --> 00:25:12.251 permitted to and medical records
NOTE Confidence: 0.895038671818182

00:25:12.298 --> 00:25:13.870 sort of complement what people self
NOTE Confidence: 0.895038671818182

00:25:13.870 --> 00:25:15.684 report so that's why we do it this
NOTE Confidence: 0.895038671818182

00:25:15.684 --> 00:25:17.410 way but but I you know I there's
NOTE Confidence: 0.895038671818182

00:25:17.410 --> 00:25:19.230 still be some people no matter what
NOTE Confidence: 0.895038671818182

00:25:19.230 --> 00:25:21.012 who feel uncomfortable about it but
NOTE Confidence: 0.895038671818182

00:25:21.012 --> 00:25:23.194 are still willing to do self report.
NOTE Confidence: 0.895038671818182

00:25:23.194 --> 00:25:25.693 So we're happy to have whatever people
NOTE Confidence: 0.895038671818182

00:25:25.693 --> 00:25:27.985 are willing to share but we're trying

NOTE Confidence: 0.895038671818182
00:25:27.985 --> 00:25:29.635 to build this so again participant
NOTE Confidence: 0.895038671818182
00:25:29.635 --> 00:25:31.237 centric nothing happens with your
NOTE Confidence: 0.895038671818182
00:25:31.237 --> 00:25:32.808 data except what's explicitly you
NOTE Confidence: 0.895038671818182
00:25:32.808 --> 00:25:34.536 know permitted and so forth and
NOTE Confidence: 0.895038671818182
00:25:34.536 --> 00:25:36.200 and that's what what we do as
NOTE Confidence: 0.898367445416667
00:25:40.080 --> 00:25:41.697 part of the state we would like
NOTE Confidence: 0.898367445416667
00:25:41.697 --> 00:25:43.557 to de identify the data and share
NOTE Confidence: 0.898367445416667
00:25:43.557 --> 00:25:44.942 it with other investigators only
NOTE Confidence: 0.898367445416667
00:25:44.942 --> 00:25:46.788 for the purposes of research and
NOTE Confidence: 0.898367445416667
00:25:46.788 --> 00:25:48.944 you know probably we should have a
NOTE Confidence: 0.898367445416667
00:25:48.944 --> 00:25:50.898 town hall to talk about that but I
NOTE Confidence: 0.898367445416667
00:25:50.898 --> 00:25:52.959 I think I'm I'm a big believer in
NOTE Confidence: 0.898367445416667
00:25:52.959 --> 00:25:54.762 open science and I want to be able
NOTE Confidence: 0.898367445416667
00:25:54.762 --> 00:25:56.812 to get a sort of force multiplier
NOTE Confidence: 0.898367445416667
00:25:56.812 --> 00:25:58.360 effect of any data that's available.
NOTE Confidence: 0.898367445416667

00:25:58.360 --> 00:26:00.257 We need to make sure it's fully
NOTE Confidence: 0.898367445416667

00:26:00.257 --> 00:26:01.920 de identified so that it's it's
NOTE Confidence: 0.898367445416667

00:26:01.920 --> 00:26:02.760 safe and secure
NOTE Confidence: 0.77614679375

00:26:06.680 --> 00:26:09.200 kind of want to pull treatments
NOTE Confidence: 0.77614679375

00:26:09.200 --> 00:26:11.508 into the into the kindred side.
NOTE Confidence: 0.77614679375

00:26:11.508 --> 00:26:15.086 But it there is a question about whether we
NOTE Confidence: 0.77614679375

00:26:15.086 --> 00:26:17.160 should be trying to understand treatments.
NOTE Confidence: 0.77614679375

00:26:17.160 --> 00:26:20.121 One of the things we thought was that we
NOTE Confidence: 0.77614679375

00:26:20.121 --> 00:26:22.631 should we could do a descriptive paper
NOTE Confidence: 0.77614679375

00:26:22.631 --> 00:26:25.088 on and it focuses on people's experience
NOTE Confidence: 0.77614679375

00:26:25.088 --> 00:26:27.151 and their symptoms and the timing
NOTE Confidence: 0.77614679375

00:26:27.151 --> 00:26:29.372 and so forth and then another paper.
NOTE Confidence: 0.77614679375

00:26:29.372 --> 00:26:31.575 And these are just quick quick hits
NOTE Confidence: 0.77614679375

00:26:31.575 --> 00:26:33.703 just so people can see and know like
NOTE Confidence: 0.77614679375

00:26:33.703 --> 00:26:35.977 sort of organize the data about the
NOTE Confidence: 0.77614679375

00:26:35.977 --> 00:26:38.110 kind of treatments people are getting

NOTE Confidence: 0.77614679375

00:26:38.110 --> 00:26:41.430 and and and it's hard in this context

NOTE Confidence: 0.77614679375

00:26:41.520 --> 00:26:44.912 to know what works or what doesn't work

NOTE Confidence: 0.77614679375

00:26:44.912 --> 00:26:47.085 because of how everyone's trying a lot

NOTE Confidence: 0.77614679375

00:26:47.085 --> 00:26:49.015 of different things at once and and

NOTE Confidence: 0.77614679375

00:26:49.015 --> 00:26:50.677 people's symptoms are coming and going

NOTE Confidence: 0.77614679375

00:26:50.680 --> 00:26:52.525 but but at least it may be helpful to

NOTE Confidence: 0.77614679375

00:26:52.525 --> 00:26:54.370 kind of see what were people perceiving

NOTE Confidence: 0.77614679375

00:26:54.370 --> 00:26:56.358 about that and what people are trying.

NOTE Confidence: 0.908114414285714

00:27:01.400 --> 00:27:03.598 The the question was really are we

NOTE Confidence: 0.908114414285714

00:27:03.600 --> 00:27:05.310 are keeping track of supplements which

NOTE Confidence: 0.908114414285714

00:27:05.310 --> 00:27:07.460 which we are being reported by people

NOTE Confidence: 0.908114414285714

00:27:07.460 --> 00:27:09.380 but whether or not they're producing

NOTE Confidence: 0.908114414285714

00:27:09.380 --> 00:27:11.340 positive results ends up being a difficult

NOTE Confidence: 0.908114414285714

00:27:11.340 --> 00:27:14.520 thing to infer from this design.

NOTE Confidence: 0.7857899325

00:27:14.520 --> 00:27:18.055 It it's it's hard because I feel

NOTE Confidence: 0.7857899325

00:27:18.055 --> 00:27:20.760 like the time course of long
NOTE Confidence: 0.7857899325

00:27:20.760 --> 00:27:22.424 COVID without any treatment,
NOTE Confidence: 0.7857899325

00:27:22.424 --> 00:27:25.280 it has its own time course rights.
NOTE Confidence: 0.7857899325

00:27:25.280 --> 00:27:29.565 People generally improve over time very,
NOTE Confidence: 0.7857899325

00:27:29.565 --> 00:27:32.475 very, very slowly. But then adding
NOTE Confidence: 0.7857899325

00:27:32.480 --> 00:27:34.440 in treatments or life stressors,
NOTE Confidence: 0.7857899325

00:27:34.440 --> 00:27:38.134 it's it's hard to control and know it.
NOTE Confidence: 0.7857899325

00:27:38.134 --> 00:27:39.898 And I don't think there's any
NOTE Confidence: 0.7857899325

00:27:39.898 --> 00:27:41.481 supplements off the top of my
NOTE Confidence: 0.7857899325

00:27:41.481 --> 00:27:43.040 head that are like a must have,
NOTE Confidence: 0.7857899325

00:27:43.040 --> 00:27:45.480 must take slam dunk. You know,
NOTE Confidence: 0.7857899325

00:27:45.480 --> 00:27:47.332 I think it's it's different for everyone,
NOTE Confidence: 0.7857899325

00:27:47.332 --> 00:27:49.592 'cause I know that, like you were saying,
NOTE Confidence: 0.7857899325

00:27:49.592 --> 00:27:51.603 we're going to find out that there's
NOTE Confidence: 0.7857899325

00:27:51.603 --> 00:27:53.319 not one cause of long COVID.
NOTE Confidence: 0.7857899325

00:27:53.320 --> 00:27:55.396 Depending on the constellation of symptoms,

NOTE Confidence: 0.7857899325

00:27:55.400 --> 00:27:57.692 people are going to have different

NOTE Confidence: 0.7857899325

00:27:57.692 --> 00:28:00.284 mechanisms and causes and so that

NOTE Confidence: 0.7857899325

00:28:00.284 --> 00:28:02.280 means different supplements treatments.

NOTE Confidence: 0.877823691578947

00:28:08.760 --> 00:28:10.272 So Joe asked about how would I

NOTE Confidence: 0.877823691578947

00:28:10.272 --> 00:28:12.192 get a test for someone who got

NOTE Confidence: 0.877823691578947

00:28:12.192 --> 00:28:13.712 the vaccine but wasn't affected.

NOTE Confidence: 0.877823691578947

00:28:13.720 --> 00:28:15.592 And and I guess also this gets to like,

NOTE Confidence: 0.877823691578947

00:28:15.600 --> 00:28:17.595 what kind of controls do we want?

NOTE Confidence: 0.877823691578947

00:28:17.600 --> 00:28:19.840 Look, I think we're happy to get somebody

NOTE Confidence: 0.877823691578947

00:28:19.840 --> 00:28:21.879 who's like you and first of all if

NOTE Confidence: 0.877823691578947

00:28:21.879 --> 00:28:23.799 you got somebody who got the same lot,

NOTE Confidence: 0.877823691578947

00:28:23.800 --> 00:28:26.973 it wasn't affected. That's like Nirvana.

NOTE Confidence: 0.877823691578947

00:28:26.973 --> 00:28:28.092 Like that's amazing.

NOTE Confidence: 0.877823691578947

00:28:28.092 --> 00:28:29.957 Like if the especially that

NOTE Confidence: 0.877823691578947

00:28:29.957 --> 00:28:31.639 person's near your age and sex,

NOTE Confidence: 0.877823691578947

00:28:31.640 --> 00:28:33.440 like that's a really great control.
NOTE Confidence: 0.877823691578947

00:28:33.440 --> 00:28:34.880 But I I think it's going to be hard.
NOTE Confidence: 0.877823691578947

00:28:34.880 --> 00:28:36.824 I mean ideally and look almost
NOTE Confidence: 0.877823691578947

00:28:36.824 --> 00:28:38.791 everyone in the country's been infected
NOTE Confidence: 0.877823691578947

00:28:38.791 --> 00:28:41.000 by long by COVID at this point.
NOTE Confidence: 0.877823691578947

00:28:41.000 --> 00:28:42.200 Some people got long COVID,
NOTE Confidence: 0.877823691578947

00:28:42.200 --> 00:28:43.400 some people don't.
NOTE Confidence: 0.877823691578947

00:28:43.400 --> 00:28:45.400 If someone with long COVID,
NOTE Confidence: 0.877823691578947

00:28:45.400 --> 00:28:47.840 like when we're going to look for controls,
NOTE Confidence: 0.877823691578947

00:28:47.840 --> 00:28:48.878 we're going to look for someone
NOTE Confidence: 0.877823691578947

00:28:48.878 --> 00:28:50.040 as similar to you as possible.
NOTE Confidence: 0.877823691578947

00:28:50.040 --> 00:28:52.312 I think it's hard to match someone who
NOTE Confidence: 0.877823691578947

00:28:52.312 --> 00:28:54.436 got infected just when you got infected.
NOTE Confidence: 0.877823691578947

00:28:54.440 --> 00:28:55.960 But we're just looking otherwise.
NOTE Confidence: 0.877823691578947

00:28:55.960 --> 00:28:57.360 Basically for someone who doesn't
NOTE Confidence: 0.877823691578947

00:28:57.360 --> 00:28:58.200 have long COVID,

NOTE Confidence: 0.877823691578947
00:28:58.200 --> 00:28:59.880 who's who's in your demographic,
NOTE Confidence: 0.877823691578947
00:28:59.880 --> 00:29:01.176 same vaccine injury,
NOTE Confidence: 0.877823691578947
00:29:01.176 --> 00:29:03.768 someone who got vaccinated but didn't
NOTE Confidence: 0.877823691578947
00:29:03.768 --> 00:29:06.437 get vaccine injury and and as close
NOTE Confidence: 0.877823691578947
00:29:06.440 --> 00:29:08.320 to your demographic as possible.
NOTE Confidence: 0.877823691578947
00:29:08.320 --> 00:29:09.044 I don't know, Bernal,
NOTE Confidence: 0.877823691578947
00:29:09.044 --> 00:29:10.351 if you want to say something about
NOTE Confidence: 0.877823691578947
00:29:10.351 --> 00:29:11.455 your thinking about that and then
NOTE Confidence: 0.877823691578947
00:29:11.455 --> 00:29:12.916 let me just say there are two kinds.
NOTE Confidence: 0.877823691578947
00:29:12.920 --> 00:29:14.080 There are two issues here.
NOTE Confidence: 0.877823691578947
00:29:14.080 --> 00:29:16.155 One is for the lab controls,
NOTE Confidence: 0.877823691578947
00:29:16.155 --> 00:29:18.530 but we're also interested for
NOTE Confidence: 0.877823691578947
00:29:18.530 --> 00:29:19.955 broadly in listen,
NOTE Confidence: 0.877823691578947
00:29:19.960 --> 00:29:22.240 so anyone who can help us by like
NOTE Confidence: 0.877823691578947
00:29:22.240 --> 00:29:24.398 just having people join as controls,
NOTE Confidence: 0.877823691578947

00:29:24.400 --> 00:29:25.232 that's fantastic.
NOTE Confidence: 0.877823691578947

00:29:25.232 --> 00:29:27.312 And then people who particularly
NOTE Confidence: 0.877823691578947

00:29:27.312 --> 00:29:28.560 have biospecimens taking,
NOTE Confidence: 0.877823691578947

00:29:28.560 --> 00:29:30.415 we're probably going to go to those
NOTE Confidence: 0.877823691578947

00:29:30.415 --> 00:29:32.088 people directly and really try to get
NOTE Confidence: 0.877823691578947

00:29:32.088 --> 00:29:33.995 to see whether we can get someone who
NOTE Confidence: 0.877823691578947

00:29:33.995 --> 00:29:35.837 matches because we're for those people,
NOTE Confidence: 0.877823691578947

00:29:35.840 --> 00:29:37.250 we're going to go out and
NOTE Confidence: 0.877823691578947

00:29:37.250 --> 00:29:37.955 collect the biospecimens.
NOTE Confidence: 0.877823691578947

00:29:37.960 --> 00:29:38.920 But do you want to say
NOTE Confidence: 0.877823691578947

00:29:38.920 --> 00:29:39.560 anything about that Bernoulli?
NOTE Confidence: 0.8989816933333333

00:29:40.960 --> 00:29:42.904 Yeah. We have been trying to
NOTE Confidence: 0.8989816933333333

00:29:42.904 --> 00:29:44.520 match the vaccines as well.
NOTE Confidence: 0.8989816933333333

00:29:44.520 --> 00:29:46.120 And at the same time,
NOTE Confidence: 0.8989816933333333

00:29:46.120 --> 00:29:47.260 different parameters and
NOTE Confidence: 0.8989816933333333

00:29:47.260 --> 00:29:49.160 different surveys that have been

NOTE Confidence: 0.8989816933333333
00:29:49.160 --> 00:29:51.118 taken are also being analyzed.
NOTE Confidence: 0.798592731666667
00:29:55.560 --> 00:29:57.636 OK, thank you. So First off,
NOTE Confidence: 0.798592731666667
00:29:57.640 --> 00:30:00.560 we already have samples from 85 participants.
NOTE Confidence: 0.798592731666667
00:30:00.560 --> 00:30:02.240 Thank you for that.
NOTE Confidence: 0.798592731666667
00:30:02.240 --> 00:30:04.396 And thank you for bearing with the
NOTE Confidence: 0.798592731666667
00:30:04.400 --> 00:30:07.640 delays in sending out the phlebotomists.
NOTE Confidence: 0.798592731666667
00:30:07.640 --> 00:30:09.712 That's always a problem because we have
NOTE Confidence: 0.798592731666667
00:30:09.712 --> 00:30:12.191 to find a perfect phlebotomist at the
NOTE Confidence: 0.798592731666667
00:30:12.191 --> 00:30:14.880 right time and according to the area.
NOTE Confidence: 0.798592731666667
00:30:14.880 --> 00:30:17.571 So this has been the problem and at the
NOTE Confidence: 0.798592731666667
00:30:17.571 --> 00:30:20.473 same time we are also trying to prioritize
NOTE Confidence: 0.798592731666667
00:30:20.473 --> 00:30:22.894 some samples as Harlan has mentioned
NOTE Confidence: 0.798592731666667
00:30:22.894 --> 00:30:25.432 to gauge what is exactly happening.
NOTE Confidence: 0.869430083846154
00:30:29.840 --> 00:30:32.414 There were two questions regarding auto
NOTE Confidence: 0.869430083846154
00:30:32.414 --> 00:30:35.240 antibodies which I thought we could answer.
NOTE Confidence: 0.869430083846154

00:30:35.240 --> 00:30:38.000 So the first question that came was asking
NOTE Confidence: 0.869430083846154

00:30:38.000 --> 00:30:40.960 about the signs of auto antibody detection.
NOTE Confidence: 0.869430083846154

00:30:40.960 --> 00:30:43.325 So usually antibodies are to
NOTE Confidence: 0.869430083846154

00:30:43.325 --> 00:30:45.217 defend US against anything
NOTE Confidence: 0.869430083846154

00:30:45.217 --> 00:30:47.757 that's external pathogens per SE.
NOTE Confidence: 0.869430083846154

00:30:47.760 --> 00:30:50.525 But auto antibodies are antibodies
NOTE Confidence: 0.869430083846154

00:30:50.525 --> 00:30:53.720 that you know, attack our own proteins.
NOTE Confidence: 0.869430083846154

00:30:53.720 --> 00:30:57.038 So that's why we say auto antibodies.
NOTE Confidence: 0.869430083846154

00:30:57.040 --> 00:30:58.800 And there was this question,
NOTE Confidence: 0.869430083846154

00:30:58.800 --> 00:31:00.768 is there a need to know the target
NOTE Confidence: 0.869430083846154

00:31:00.768 --> 00:31:03.008 auto antigen before you can search for
NOTE Confidence: 0.869430083846154

00:31:03.008 --> 00:31:04.876 its corresponding auto antibody? Yes.
NOTE Confidence: 0.869430083846154

00:31:04.876 --> 00:31:09.004 So in the preprint that we have published
NOTE Confidence: 0.869430083846154

00:31:09.004 --> 00:31:12.960 on long COVID and we are looking at
NOTE Confidence: 0.869430083846154

00:31:12.960 --> 00:31:15.240 6000 extracellular and secreted proteins.
NOTE Confidence: 0.869430083846154

00:31:15.240 --> 00:31:17.480 But you should also see from the

NOTE Confidence: 0.869430083846154
00:31:17.480 --> 00:31:19.796 data that we have generated and the
NOTE Confidence: 0.869430083846154
00:31:19.796 --> 00:31:22.120 analysis that has been done so far,
NOTE Confidence: 0.869430083846154
00:31:22.120 --> 00:31:26.295 what we see is that we do not
NOTE Confidence: 0.869430083846154
00:31:26.295 --> 00:31:28.850 see much patterns with say ACE 2
NOTE Confidence: 0.869430083846154
00:31:28.938 --> 00:31:30.744 receptors that has been questioned.
NOTE Confidence: 0.869430083846154
00:31:30.744 --> 00:31:33.132 So we had a question as to whether we
NOTE Confidence: 0.869430083846154
00:31:33.132 --> 00:31:34.994 are looking at ACE 2 auto antibodies.
NOTE Confidence: 0.869430083846154
00:31:35.000 --> 00:31:38.348 Yes, we have looked at ACE 2 auto antibodies
NOTE Confidence: 0.869430083846154
00:31:38.348 --> 00:31:42.158 and after one year of acute COVID,
NOTE Confidence: 0.869430083846154
00:31:42.160 --> 00:31:43.540 those who are saying that they
NOTE Confidence: 0.869430083846154
00:31:43.540 --> 00:31:45.118 have long COVID in our data set,
NOTE Confidence: 0.869430083846154
00:31:45.120 --> 00:31:47.675 we have not found reactivity
NOTE Confidence: 0.869430083846154
00:31:47.675 --> 00:31:49.719 to ACE 2 receptors.
NOTE Confidence: 0.869430083846154
00:31:49.720 --> 00:31:50.880 But at the same time,
NOTE Confidence: 0.869430083846154
00:31:50.880 --> 00:31:53.208 if you look at what kind of clinical
NOTE Confidence: 0.869430083846154

00:31:53.208 --> 00:31:55.505 tests are done in order to look
NOTE Confidence: 0.869430083846154

00:31:55.505 --> 00:31:57.150 for auto antibodies in anybody
NOTE Confidence: 0.869430083846154

00:31:57.221 --> 00:31:59.437 suffering from autoimmune diseases,
NOTE Confidence: 0.869430083846154

00:31:59.440 --> 00:32:01.792 you'll observe that many of them
NOTE Confidence: 0.869430083846154

00:32:01.792 --> 00:32:03.645 are nuclear proteins and RNA
NOTE Confidence: 0.869430083846154

00:32:03.645 --> 00:32:05.355 bound proteins that are looked at.
NOTE Confidence: 0.869430083846154

00:32:05.360 --> 00:32:06.758 So we haven't looked at those.
NOTE Confidence: 0.869430083846154

00:32:06.760 --> 00:32:08.800 So we cannot definitively say
NOTE Confidence: 0.869430083846154

00:32:08.800 --> 00:32:10.432 that they are not.
NOTE Confidence: 0.869430083846154

00:32:10.440 --> 00:32:12.840 There are no antibodies against those.
NOTE Confidence: 0.869430083846154

00:32:12.840 --> 00:32:16.557 So it is no antibody detection for a subset,
NOTE Confidence: 0.869430083846154

00:32:16.560 --> 00:32:18.045 but there are certain receptor
NOTE Confidence: 0.869430083846154

00:32:18.045 --> 00:32:19.953 proteins that we see have higher
NOTE Confidence: 0.869430083846154

00:32:19.953 --> 00:32:21.397 reactivities in long COVID.
NOTE Confidence: 0.777398015

00:32:25.480 --> 00:32:26.920 So we are running the assays,
NOTE Confidence: 0.777398015

00:32:26.920 --> 00:32:29.076 some of the assets real time actually.

NOTE Confidence: 0.777398015

00:32:29.080 --> 00:32:31.089 So for all the samples that have

NOTE Confidence: 0.777398015

00:32:31.089 --> 00:32:33.080 been collected so far, we have been

NOTE Confidence: 0.777398015

00:32:33.080 --> 00:32:35.040 able to run the micro clot assays.

NOTE Confidence: 0.777398015

00:32:35.040 --> 00:32:37.674 A part of it, there are two parts to

NOTE Confidence: 0.777398015

00:32:37.674 --> 00:32:39.780 the assays and one part is to be done

NOTE Confidence: 0.777398015

00:32:39.839 --> 00:32:42.119 immediately after receiving the sample.

NOTE Confidence: 0.777398015

00:32:42.120 --> 00:32:43.304 Those are being done.

NOTE Confidence: 0.777398015

00:32:43.304 --> 00:32:45.080 The rest of them are being

NOTE Confidence: 0.777398015

00:32:45.149 --> 00:32:46.544 stored to finish the assays.

NOTE Confidence: 0.777398015

00:32:46.544 --> 00:32:48.840 Yeah. So we have done them.

NOTE Confidence: 0.642693941818182

00:32:53.680 --> 00:32:55.480 Somebody asked if we accept

NOTE Confidence: 0.642693941818182

00:32:55.480 --> 00:32:57.280 scanned PDF results from labs

NOTE Confidence: 0.642693941818182

00:32:57.347 --> 00:32:59.440 done overseas. With that, yes,

NOTE Confidence: 0.851503379615384

00:32:59.440 --> 00:33:01.168 so this question has come up a few

NOTE Confidence: 0.851503379615384

00:33:01.168 --> 00:33:02.797 times in the chat and absolutely

NOTE Confidence: 0.851503379615384

00:33:02.797 --> 00:33:04.513 we have you can upload individual
NOTE Confidence: 0.851503379615384

00:33:04.569 --> 00:33:06.477 documents using the Hugo Connect tool.
NOTE Confidence: 0.851503379615384

00:33:06.480 --> 00:33:07.992 So the same way that you
NOTE Confidence: 0.851503379615384

00:33:07.992 --> 00:33:09.000 would connect your data,
NOTE Confidence: 0.851503379615384

00:33:09.000 --> 00:33:10.629 you just go on and I think it's the
NOTE Confidence: 0.851503379615384

00:33:10.629 --> 00:33:12.396 the last option in the little pop up.
NOTE Confidence: 0.851503379615384

00:33:12.400 --> 00:33:14.850 So it's going to say upload individual
NOTE Confidence: 0.851503379615384

00:33:14.850 --> 00:33:16.450 documents and you just kind of
NOTE Confidence: 0.851503379615384

00:33:16.450 --> 00:33:18.400 upload it like you would upload an
NOTE Confidence: 0.851503379615384

00:33:18.400 --> 00:33:20.320 individual PDF on any other website.
NOTE Confidence: 0.851503379615384

00:33:20.320 --> 00:33:22.217 I'll link a tutorial on how to
NOTE Confidence: 0.851503379615384

00:33:22.217 --> 00:33:24.078 do that right now in the chat.
NOTE Confidence: 0.851503379615384

00:33:24.080 --> 00:33:24.960 So look out for that.
NOTE Confidence: 0.851503379615384

00:33:24.960 --> 00:33:26.560 And if you do run into any issues,
NOTE Confidence: 0.851503379615384

00:33:26.560 --> 00:33:28.468 you can always contact our support
NOTE Confidence: 0.851503379615384

00:33:28.468 --> 00:33:30.760 team at support at Hugo dot health.

NOTE Confidence: 0.851503379615384

00:33:30.760 --> 00:33:32.040 So the answer is yes.

NOTE Confidence: 0.9333446

00:33:36.000 --> 00:33:38.100 Somebody, Paul was just asking this

NOTE Confidence: 0.9333446

00:33:38.100 --> 00:33:39.600 global question about the research.

NOTE Confidence: 0.880265825384615

00:33:39.600 --> 00:33:41.072 I mean, I I don't know if you

NOTE Confidence: 0.880265825384615

00:33:41.072 --> 00:33:42.280 were there at the beginning.

NOTE Confidence: 0.880265825384615

00:33:42.280 --> 00:33:43.316 I was just sort of you know,

NOTE Confidence: 0.880265825384615

00:33:43.320 --> 00:33:45.280 talking about like I think our job

NOTE Confidence: 0.880265825384615

00:33:45.280 --> 00:33:47.425 this is there's so little known about

NOTE Confidence: 0.880265825384615

00:33:47.425 --> 00:33:50.086 this and I know there are others have

NOTE Confidence: 0.880265825384615

00:33:50.086 --> 00:33:51.948 done survey and published about this.

NOTE Confidence: 0.880265825384615

00:33:51.948 --> 00:33:54.352 But you know, we're going to try to take

NOTE Confidence: 0.880265825384615

00:33:54.352 --> 00:33:56.388 as many people who have finished out

NOTE Confidence: 0.880265825384615

00:33:56.388 --> 00:33:58.474 the surveys characterize those groups.

NOTE Confidence: 0.880265825384615

00:33:58.474 --> 00:34:00.864 Also try to understand what

NOTE Confidence: 0.880265825384615

00:34:00.864 --> 00:34:02.719 clusters exist within them.

NOTE Confidence: 0.880265825384615

00:34:02.720 --> 00:34:04.638 Tiana's going to be doing some qualitative

NOTE Confidence: 0.880265825384615

00:34:04.638 --> 00:34:06.319 research to try to get the voice,

NOTE Confidence: 0.880265825384615

00:34:06.320 --> 00:34:08.198 all of your voices out there.

NOTE Confidence: 0.880265825384615

00:34:08.200 --> 00:34:10.480 I mean part of this is raising awareness,

NOTE Confidence: 0.880265825384615

00:34:10.480 --> 00:34:11.990 helping to educate people what

NOTE Confidence: 0.880265825384615

00:34:11.990 --> 00:34:13.198 the experiences of people,

NOTE Confidence: 0.880265825384615

00:34:13.200 --> 00:34:15.380 how many different groups are

NOTE Confidence: 0.880265825384615

00:34:15.380 --> 00:34:17.560 there under these umbrella terms.

NOTE Confidence: 0.880265825384615

00:34:17.560 --> 00:34:19.345 And then work really hard to see

NOTE Confidence: 0.880265825384615

00:34:19.345 --> 00:34:21.248 whether or not the insights from the

NOTE Confidence: 0.880265825384615

00:34:21.248 --> 00:34:23.902 lab can help us to to understand

NOTE Confidence: 0.880265825384615

00:34:23.902 --> 00:34:26.918 some of the mechanisms so that it

NOTE Confidence: 0.880265825384615

00:34:26.918 --> 00:34:29.158 can accelerate our progress towards

NOTE Confidence: 0.880265825384615

00:34:29.160 --> 00:34:30.678 diagnostics and therapeutics.

NOTE Confidence: 0.81310541

00:34:34.760 --> 00:34:36.475 Teresa is helping with this and we

NOTE Confidence: 0.81310541

00:34:36.475 --> 00:34:38.715 hope to bring together a large group

NOTE Confidence: 0.81310541

00:34:38.715 --> 00:34:41.772 of you who have this and be able to

NOTE Confidence: 0.81310541

00:34:41.772 --> 00:34:43.770 like both exchange information to be

NOTE Confidence: 0.81310541

00:34:43.844 --> 00:34:46.196 able to help characterize it better.

NOTE Confidence: 0.81310541

00:34:46.200 --> 00:34:48.477 You know I think this is also like will

NOTE Confidence: 0.81310541

00:34:48.477 --> 00:34:50.645 be and Lindsay you know I'm hoping

NOTE Confidence: 0.81310541

00:34:50.645 --> 00:34:52.735 that your clinical insights will be

NOTE Confidence: 0.81310541

00:34:52.735 --> 00:34:54.660 important here too and and try to figure

NOTE Confidence: 0.81310541

00:34:54.660 --> 00:34:56.160 out how we can make some progress.

NOTE Confidence: 0.81310541

00:34:56.160 --> 00:34:57.942 We want to do this for all of the

NOTE Confidence: 0.81310541

00:34:57.942 --> 00:34:59.687 areas but but this one in particular

NOTE Confidence: 0.81310541

00:34:59.687 --> 00:35:01.702 I think is there's a lot of people

NOTE Confidence: 0.81310541

00:35:01.702 --> 00:35:02.912 who are talking about this,

NOTE Confidence: 0.81310541

00:35:02.920 --> 00:35:06.600 this you can't see it but people feel

NOTE Confidence: 0.81310541

00:35:06.600 --> 00:35:09.732 it and and they and so many people are

NOTE Confidence: 0.81310541

00:35:09.732 --> 00:35:12.000 describing it in a very similar way.

NOTE Confidence: 0.81310541

00:35:12.000 --> 00:35:14.240 Like not people who got together and shared,

NOTE Confidence: 0.81310541

00:35:14.240 --> 00:35:15.930 you know shared shared experiences

NOTE Confidence: 0.81310541

00:35:15.930 --> 00:35:18.354 yet but like never met each other

NOTE Confidence: 0.81310541

00:35:18.354 --> 00:35:20.358 and they're saying the same thing.

NOTE Confidence: 0.81310541

00:35:20.360 --> 00:35:23.114 So you know we we want to try to

NOTE Confidence: 0.81310541

00:35:23.114 --> 00:35:24.720 illuminate this as much as possible.

NOTE Confidence: 0.81310541

00:35:24.720 --> 00:35:26.000 Do you want to say anything about that,

NOTE Confidence: 0.81310541

00:35:26.000 --> 00:35:26.480 Lindsay?

NOTE Confidence: 0.75839409

00:35:28.520 --> 00:35:29.666 Yeah, absolutely.

NOTE Confidence: 0.75839409

00:35:29.666 --> 00:35:32.880 And I think that's, you know,

NOTE Confidence: 0.75839409

00:35:32.880 --> 00:35:35.285 internal vibrations have been linked

NOTE Confidence: 0.75839409

00:35:35.285 --> 00:35:37.560 to other conditions before COVID,

NOTE Confidence: 0.75839409

00:35:37.560 --> 00:35:40.470 so like chronic fatigue or

NOTE Confidence: 0.75839409

00:35:40.470 --> 00:35:42.226 fibromyalgia or Parkinson's,

NOTE Confidence: 0.75839409

00:35:42.226 --> 00:35:43.984 some other conditions.

NOTE Confidence: 0.75839409

00:35:43.984 --> 00:35:45.868 And so, you know,

NOTE Confidence: 0.75839409

00:35:45.868 --> 00:35:48.346 one of my suspicions is that it's

NOTE Confidence: 0.75839409

00:35:48.346 --> 00:35:50.794 the very small nerve fibers that

NOTE Confidence: 0.75839409

00:35:50.794 --> 00:35:52.916 are misfiring and damaged in

NOTE Confidence: 0.75839409

00:35:52.916 --> 00:35:55.061 these conditions and maybe leading

NOTE Confidence: 0.75839409

00:35:55.061 --> 00:35:57.360 to this feeling of vibration.

NOTE Confidence: 0.75839409

00:35:57.360 --> 00:36:00.314 So you know, yet to be proven,

NOTE Confidence: 0.75839409

00:36:00.320 --> 00:36:03.296 but there's some interesting

NOTE Confidence: 0.75839409

00:36:03.296 --> 00:36:05.404 supporting evidence and we've seen

NOTE Confidence: 0.75839409

00:36:05.404 --> 00:36:07.931 quite a bit of small fiber neuropathy

NOTE Confidence: 0.75839409

00:36:07.931 --> 00:36:10.279 in long COVID which I've published

NOTE Confidence: 0.75839409

00:36:10.279 --> 00:36:12.640 on before too that's terrific.

NOTE Confidence: 0.945172054

00:36:19.840 --> 00:36:22.280 Do we have plans on conduct

NOTE Confidence: 0.945172054

00:36:22.280 --> 00:36:25.640 trials of immunomodulating drugs.

NOTE Confidence: 0.945172054

00:36:25.640 --> 00:36:28.984 So I think the thing about this Pakslova

NOTE Confidence: 0.945172054

00:36:28.984 --> 00:36:31.519 trial which by the way has been,

NOTE Confidence: 0.945172054

00:36:31.520 --> 00:36:33.254 was slow because there's some mechanics
NOTE Confidence: 0.945172054

00:36:33.254 --> 00:36:35.357 about it trying to get it up at Yale.
NOTE Confidence: 0.945172054

00:36:35.360 --> 00:36:37.536 And but I think that when we've worked
NOTE Confidence: 0.945172054

00:36:37.536 --> 00:36:39.560 out all the kinks it's going to,
NOTE Confidence: 0.945172054

00:36:39.560 --> 00:36:40.536 it'll be more straightforward
NOTE Confidence: 0.945172054

00:36:40.536 --> 00:36:41.756 for us if we want,
NOTE Confidence: 0.945172054

00:36:41.760 --> 00:36:44.160 if we have the opportunity to do others.
NOTE Confidence: 0.945172054

00:36:44.160 --> 00:36:46.878 And I mean at least it's my hope that
NOTE Confidence: 0.945172054

00:36:46.880 --> 00:36:49.742 that we can start being in a position so
NOTE Confidence: 0.945172054

00:36:49.742 --> 00:36:51.636 that we can rapidly run through trials.
NOTE Confidence: 0.945172054

00:36:51.636 --> 00:36:53.848 We're going to have to figure out the
NOTE Confidence: 0.945172054

00:36:53.848 --> 00:36:55.480 funding mechanisms and how that works.
NOTE Confidence: 0.945172054

00:36:55.480 --> 00:36:58.080 But if we if we can work synergistically
NOTE Confidence: 0.945172054

00:36:58.080 --> 00:37:00.276 with Kindred and and listen and be
NOTE Confidence: 0.945172054

00:37:00.276 --> 00:37:02.592 able to rapidly enroll and get rapid
NOTE Confidence: 0.945172054

00:37:02.592 --> 00:37:04.926 answers about whether people are feeling

NOTE Confidence: 0.945172054

00:37:04.926 --> 00:37:06.970 better like that would be amazing

NOTE Confidence: 0.945172054

00:37:06.970 --> 00:37:09.000 and that's the dream about this.

NOTE Confidence: 0.945172054

00:37:09.000 --> 00:37:12.080 So but right now I think we're

NOTE Confidence: 0.945172054

00:37:12.080 --> 00:37:13.916 all on that PAX LC trial.

NOTE Confidence: 0.945172054

00:37:13.920 --> 00:37:16.584 We're all hands on deck to get it stood

NOTE Confidence: 0.945172054

00:37:16.584 --> 00:37:19.146 up just to say for that probably that'll

NOTE Confidence: 0.945172054

00:37:19.146 --> 00:37:21.897 we hope that we'll randomize people by

NOTE Confidence: 0.945172054

00:37:21.897 --> 00:37:24.525 by by beginning of July at the latest.

NOTE Confidence: 0.945172054

00:37:24.525 --> 00:37:27.450 And then because of the way that it's working

NOTE Confidence: 0.945172054

00:37:27.516 --> 00:37:30.274 that people are funding Lane through Kindred,

NOTE Confidence: 0.945172054

00:37:30.280 --> 00:37:33.066 we're hoping for really rapid enrollment.

NOTE Confidence: 0.945172054

00:37:33.066 --> 00:37:35.196 And just as, I mean,

NOTE Confidence: 0.945172054

00:37:35.200 --> 00:37:36.390 one of the things are we're trying

NOTE Confidence: 0.945172054

00:37:36.390 --> 00:37:37.440 to figure out how we expand.

NOTE Confidence: 0.945172054

00:37:37.440 --> 00:37:39.440 Right now it's it's Connecticut,

NOTE Confidence: 0.945172054

00:37:39.440 --> 00:37:41.470 New York and Florida for the same
NOTE Confidence: 0.945172054

00:37:41.470 --> 00:37:43.359 reasons that Lindsay was talking about.
NOTE Confidence: 0.945172054

00:37:43.360 --> 00:37:45.029 I know of you, Lindsay, by the way,
NOTE Confidence: 0.945172054

00:37:45.029 --> 00:37:46.847 it's really easy to get a
NOTE Confidence: 0.945172054

00:37:46.847 --> 00:37:47.879 telemedicine in Florida.
NOTE Confidence: 0.945172054

00:37:47.880 --> 00:37:49.635 You just like it takes just a couple days.
NOTE Confidence: 0.945172054

00:37:49.640 --> 00:37:49.960 But anyway,
NOTE Confidence: 0.945172054

00:37:49.960 --> 00:37:50.760 I'll tell you about that.
NOTE Confidence: 0.945172054

00:37:50.760 --> 00:37:50.880 But
NOTE Confidence: 0.677816372142857

00:37:51.160 --> 00:37:52.882 really glad it would be good actually
NOTE Confidence: 0.677816372142857

00:37:52.882 --> 00:37:54.680 because we have a lot of snowbirds, Yeah.
NOTE Confidence: 0.7982867975

00:37:54.680 --> 00:37:55.880 And actually what Connecticut's trying
NOTE Confidence: 0.7982867975

00:37:55.880 --> 00:37:57.760 to pass a law through the legislature.
NOTE Confidence: 0.7982867975

00:37:57.760 --> 00:38:00.022 So for one application we could
NOTE Confidence: 0.7982867975

00:38:00.022 --> 00:38:01.784 get privileges in 37 states.
NOTE Confidence: 0.7982867975

00:38:01.784 --> 00:38:04.536 So I I think the future may be

NOTE Confidence: 0.7982867975

00:38:04.536 --> 00:38:06.650 that we have the ability to have

NOTE Confidence: 0.7982867975

00:38:06.650 --> 00:38:08.780 on our trials to be able to more

NOTE Confidence: 0.7982867975

00:38:08.780 --> 00:38:10.638 easily do larger numbers of states.

NOTE Confidence: 0.7982867975

00:38:10.640 --> 00:38:12.296 And for even clinically the problem

NOTE Confidence: 0.7982867975

00:38:12.296 --> 00:38:14.152 is there's only one Lindsay but but

NOTE Confidence: 0.7982867975

00:38:14.152 --> 00:38:16.046 we have to figure out like how how

NOTE Confidence: 0.7982867975

00:38:16.046 --> 00:38:17.593 that's going to work and and what

NOTE Confidence: 0.7982867975

00:38:17.593 --> 00:38:20.878 we can do to help serve the need.

NOTE Confidence: 0.7982867975

00:38:20.880 --> 00:38:22.651 I don't think there are enough studies

NOTE Confidence: 0.7982867975

00:38:22.651 --> 00:38:24.280 being done for these conditions.

NOTE Confidence: 0.7982867975

00:38:24.280 --> 00:38:25.453 And that's the,

NOTE Confidence: 0.7982867975

00:38:25.453 --> 00:38:28.298 that's one of the principal problems is that,

NOTE Confidence: 0.7982867975

00:38:28.298 --> 00:38:29.792 you know, there's not enough and

NOTE Confidence: 0.7982867975

00:38:29.792 --> 00:38:31.302 they're not moving fast enough and

NOTE Confidence: 0.7982867975

00:38:31.302 --> 00:38:33.120 and you could say that about us too.

NOTE Confidence: 0.7982867975

00:38:33.120 --> 00:38:34.080 But but yeah,
NOTE Confidence: 0.7982867975

00:38:34.080 --> 00:38:34.720 I mean
NOTE Confidence: 0.9608354525

00:38:37.640 --> 00:38:38.920 that's that's an issue.
NOTE Confidence: 0.699339713333333

00:38:43.000 --> 00:38:44.239 You're the best
NOTE Confidence: 0.850183435714286

00:38:44.240 --> 00:38:46.039 specialist to see if they have pots.
NOTE Confidence: 0.936619688333333

00:38:47.760 --> 00:38:51.064 Yeah. Again, I think you know what I
NOTE Confidence: 0.936619688333333

00:38:51.064 --> 00:38:52.828 was thinking is even on the Kindred
NOTE Confidence: 0.936619688333333

00:38:52.828 --> 00:38:55.005 side that maybe we should have some
NOTE Confidence: 0.936619688333333

00:38:55.005 --> 00:38:57.033 cafes that are specifically focused in
NOTE Confidence: 0.936619688333333

00:38:57.033 --> 00:38:59.270 particular areas and in those areas we
NOTE Confidence: 0.936619688333333

00:38:59.270 --> 00:39:01.315 can actually see if there are people.
NOTE Confidence: 0.936619688333333

00:39:01.315 --> 00:39:03.240 Again, we don't want to endorse anyone,
NOTE Confidence: 0.936619688333333

00:39:03.240 --> 00:39:05.274 but we might be able to help talk
NOTE Confidence: 0.936619688333333

00:39:05.274 --> 00:39:06.244 about where there are centers
NOTE Confidence: 0.936619688333333

00:39:06.244 --> 00:39:07.240 that are focusing on that.
NOTE Confidence: 0.936619688333333

00:39:07.240 --> 00:39:10.670 I actually want to do some work

NOTE Confidence: 0.936619688333333

00:39:10.670 --> 00:39:14.400 in in listen on POTS as well.

NOTE Confidence: 0.936619688333333

00:39:14.400 --> 00:39:16.758 And I've talked to American College

NOTE Confidence: 0.936619688333333

00:39:16.758 --> 00:39:18.670 Cardiology about partnering with us

NOTE Confidence: 0.936619688333333

00:39:18.670 --> 00:39:20.609 on this and also being a resource

NOTE Confidence: 0.936619688333333

00:39:20.609 --> 00:39:22.115 to identify which cardiologists

NOTE Confidence: 0.936619688333333

00:39:22.115 --> 00:39:23.222 are welcoming patients.

NOTE Confidence: 0.936619688333333

00:39:23.222 --> 00:39:25.208 Understand that this is real want

NOTE Confidence: 0.936619688333333

00:39:25.208 --> 00:39:27.478 to be you know have have some

NOTE Confidence: 0.936619688333333

00:39:27.478 --> 00:39:29.023 ability to help people interest

NOTE Confidence: 0.936619688333333

00:39:29.081 --> 00:39:30.875 in in caring for these patients.

NOTE Confidence: 0.936619688333333

00:39:30.880 --> 00:39:33.330 As you know there's there are there

NOTE Confidence: 0.936619688333333

00:39:33.330 --> 00:39:35.116 are pockets within our healthcare

NOTE Confidence: 0.936619688333333

00:39:35.116 --> 00:39:36.911 system where people don't feel

NOTE Confidence: 0.936619688333333

00:39:36.911 --> 00:39:38.777 welcome right because these are hard

NOTE Confidence: 0.936619688333333

00:39:38.777 --> 00:39:40.990 that that then we're early in the

NOTE Confidence: 0.936619688333333

00:39:40.990 --> 00:39:42.398 knowledge doctors feel inadequate
NOTE Confidence: 0.9366196883333333

00:39:42.400 --> 00:39:44.619 and and the visits don't go quickly
NOTE Confidence: 0.9366196883333333

00:39:44.619 --> 00:39:46.728 because people got a lot of issues And
NOTE Confidence: 0.9366196883333333

00:39:46.728 --> 00:39:48.600 so we want to know who does want to
NOTE Confidence: 0.9366196883333333

00:39:48.663 --> 00:39:50.512 see these people you people and and
NOTE Confidence: 0.9366196883333333

00:39:50.512 --> 00:39:52.998 how can we how can we help with that.
NOTE Confidence: 0.9366196883333333

00:39:53.000 --> 00:39:56.176 So you know where I think that would
NOTE Confidence: 0.9366196883333333

00:39:56.176 --> 00:39:58.099 be good to think about on the Kindred
NOTE Confidence: 0.9366196883333333

00:39:58.099 --> 00:39:59.720 side about how we can bring people
NOTE Confidence: 0.9366196883333333

00:39:59.720 --> 00:40:01.338 like Erica Spatz I'm sure would be
NOTE Confidence: 0.9366196883333333

00:40:01.338 --> 00:40:02.682 interested and willing to be part
NOTE Confidence: 0.9366196883333333

00:40:02.682 --> 00:40:04.621 of one and we could we can bring in
NOTE Confidence: 0.9366196883333333

00:40:04.621 --> 00:40:06.030 some people from college cardiology
NOTE Confidence: 0.9366196883333333

00:40:06.030 --> 00:40:09.687 too and and and you know try to bring
NOTE Confidence: 0.9366196883333333

00:40:09.687 --> 00:40:12.613 in resources this way because I know
NOTE Confidence: 0.9366196883333333

00:40:12.613 --> 00:40:15.304 people are are really eager to know

NOTE Confidence: 0.936619688333333
00:40:15.304 --> 00:40:17.320 where to look and what they can trust.
NOTE Confidence: 0.936619688333333
00:40:17.320 --> 00:40:18.802 And and again people are running
NOTE Confidence: 0.936619688333333
00:40:18.802 --> 00:40:20.273 their own experiments all the time
NOTE Confidence: 0.936619688333333
00:40:20.273 --> 00:40:21.575 because you just can't sit around
NOTE Confidence: 0.936619688333333
00:40:21.575 --> 00:40:22.948 and wait when you're suffering you
NOTE Confidence: 0.936619688333333
00:40:22.948 --> 00:40:24.964 want to try things but you don't want
NOTE Confidence: 0.936619688333333
00:40:24.964 --> 00:40:26.674 to disadvantage yourself either by
NOTE Confidence: 0.936619688333333
00:40:26.680 --> 00:40:29.074 but but the potential to make things
NOTE Confidence: 0.936619688333333
00:40:29.074 --> 00:40:31.240 worse so that that's that's the issue
NOTE Confidence: 0.963968021666667
00:40:36.160 --> 00:40:39.598 they're asking about lactic acid levels.
NOTE Confidence: 0.963968021666667
00:40:39.600 --> 00:40:41.994 So Bernali I I can't remember if
NOTE Confidence: 0.963968021666667
00:40:41.994 --> 00:40:44.320 that's one of the is one of the
NOTE Confidence: 0.963968021666667
00:40:44.320 --> 00:40:45.440 things that's being measured. I
NOTE Confidence: 0.8435879975
00:40:46.080 --> 00:40:48.124 no lactic acid. We haven't at least
NOTE Confidence: 0.8435879975
00:40:48.124 --> 00:40:50.458 measured in the preprint that we have
NOTE Confidence: 0.8435879975

00:40:50.458 --> 00:40:52.552 with in collaboration with Mount Sinai.

NOTE Confidence: 0.900367023076923

00:40:57.080 --> 00:40:59.336 I think some of the issues too have

NOTE Confidence: 0.900367023076923

00:40:59.336 --> 00:41:01.888 to do with how the what can be done

NOTE Confidence: 0.900367023076923

00:41:01.888 --> 00:41:03.520 with the way that the specimens

NOTE Confidence: 0.900367023076923

00:41:03.583 --> 00:41:05.398 are collected and and processed.

NOTE Confidence: 0.900367023076923

00:41:05.400 --> 00:41:07.598 So, but we can look into that.

NOTE Confidence: 0.847647114285714

00:41:09.560 --> 00:41:11.317 So yesterday we were at a meeting,

NOTE Confidence: 0.847647114285714

00:41:11.320 --> 00:41:13.035 we were talking to a person who

NOTE Confidence: 0.847647114285714

00:41:13.035 --> 00:41:14.720 is an expert in metabolomics.

NOTE Confidence: 0.847647114285714

00:41:14.720 --> 00:41:17.878 So the first step was how many

NOTE Confidence: 0.847647114285714

00:41:17.878 --> 00:41:19.973 hours after collection do you

NOTE Confidence: 0.847647114285714

00:41:19.973 --> 00:41:22.057 isolate the plasma And it's

NOTE Confidence: 0.847647114285714

00:41:22.057 --> 00:41:24.313 just 30 minutes was his maximum.

NOTE Confidence: 0.847647114285714

00:41:24.320 --> 00:41:26.324 And we received samples overnight from

NOTE Confidence: 0.847647114285714

00:41:26.324 --> 00:41:28.560 different parts of the country. So

NOTE Confidence: 0.735434156666667

00:41:33.120 --> 00:41:35.040 no, I think somebody's talked about

NOTE Confidence: 0.735434156666667
00:41:35.040 --> 00:41:36.536 a control that's different sex.
NOTE Confidence: 0.735434156666667
00:41:36.536 --> 00:41:37.876 I think it's OK though.
NOTE Confidence: 0.735434156666667
00:41:37.880 --> 00:41:40.992 You know it's like I I don't it
NOTE Confidence: 0.735434156666667
00:41:40.992 --> 00:41:42.532 anything is helpful in terms
NOTE Confidence: 0.735434156666667
00:41:42.532 --> 00:41:44.915 of bringing in controls and if
NOTE Confidence: 0.735434156666667
00:41:44.915 --> 00:41:46.880 it's someone you know if you can
NOTE Confidence: 0.735434156666667
00:41:46.880 --> 00:41:48.336 help us bring in someone who's
NOTE Confidence: 0.735434156666667
00:41:48.336 --> 00:41:49.995 sort of in the same position as
NOTE Confidence: 0.735434156666667
00:41:49.995 --> 00:41:51.638 you are but did not affected,
NOTE Confidence: 0.735434156666667
00:41:51.640 --> 00:41:53.120 then that's that's good too.
NOTE Confidence: 0.735434156666667
00:41:53.120 --> 00:41:54.480 You know that that works.
NOTE Confidence: 0.816371022
00:42:00.310 --> 00:42:01.750 So I don't know, Tiana,
NOTE Confidence: 0.816371022
00:42:01.750 --> 00:42:03.931 if you want to just say a word
NOTE Confidence: 0.816371022
00:42:03.931 --> 00:42:05.660 or two about what your hopes are
NOTE Confidence: 0.816371022
00:42:05.726 --> 00:42:07.374 for the kind of like why are you,
NOTE Confidence: 0.816371022

00:42:07.374 --> 00:42:08.550 what are you hoping to do
NOTE Confidence: 0.816371022

00:42:08.601 --> 00:42:09.789 with qualitative research?
NOTE Confidence: 0.96108683

00:42:14.360 --> 00:42:17.918 Yeah, so on the qualitative side,
NOTE Confidence: 0.96108683

00:42:17.920 --> 00:42:20.160 that would be the big picture.
NOTE Confidence: 0.96108683

00:42:20.160 --> 00:42:23.392 Goal is to give voice to everybody
NOTE Confidence: 0.96108683

00:42:23.392 --> 00:42:25.360 who's having these experiences.
NOTE Confidence: 0.96108683

00:42:25.360 --> 00:42:27.304 And so how does the qualitative
NOTE Confidence: 0.96108683

00:42:27.304 --> 00:42:29.375 side of Listen differ from the
NOTE Confidence: 0.96108683

00:42:29.375 --> 00:42:30.799 quantitative side of listen?
NOTE Confidence: 0.96108683

00:42:30.799 --> 00:42:32.953 So one aspect would be the
NOTE Confidence: 0.96108683

00:42:32.953 --> 00:42:34.600 stories that all of you,
NOTE Confidence: 0.96108683

00:42:34.600 --> 00:42:36.880 many of you have already shared
NOTE Confidence: 0.96108683

00:42:36.880 --> 00:42:38.866 on the platform that you wrote
NOTE Confidence: 0.96108683

00:42:38.866 --> 00:42:41.040 in detail about your experiences.
NOTE Confidence: 0.96108683

00:42:41.040 --> 00:42:42.708 Just know that we are reading
NOTE Confidence: 0.96108683

00:42:42.708 --> 00:42:44.319 through those and we do care.

NOTE Confidence: 0.96108683

00:42:44.320 --> 00:42:47.758 And going forward, if the IRB,

NOTE Confidence: 0.96108683

00:42:47.760 --> 00:42:51.876 the regulatory body here to approve research,

NOTE Confidence: 0.96108683

00:42:51.880 --> 00:42:52.999 approves the qualitative

NOTE Confidence: 0.96108683

00:42:52.999 --> 00:42:55.237 protocols that we have in place,

NOTE Confidence: 0.96108683

00:42:55.240 --> 00:42:57.178 we're hoping to interview some of

NOTE Confidence: 0.96108683

00:42:57.178 --> 00:42:59.438 you and just sit down with you,

NOTE Confidence: 0.96108683

00:42:59.440 --> 00:43:01.960 talk to you for an hour or so and

NOTE Confidence: 0.96108683

00:43:01.960 --> 00:43:03.855 really hear about your experience

NOTE Confidence: 0.96108683

00:43:03.855 --> 00:43:06.138 in way more depth than what can

NOTE Confidence: 0.96108683

00:43:06.138 --> 00:43:07.614 be captured through all the data

NOTE Confidence: 0.96108683

00:43:07.614 --> 00:43:09.078 that you've already given us.

NOTE Confidence: 0.791215587142857

00:43:11.080 --> 00:43:12.778 That's great. Imagine we have a

NOTE Confidence: 0.791215587142857

00:43:12.778 --> 00:43:14.180 medical student who's sort of

NOTE Confidence: 0.791215587142857

00:43:14.180 --> 00:43:15.584 that tuned into thinking about the

NOTE Confidence: 0.791215587142857

00:43:15.584 --> 00:43:17.320 patient voice and trying to do that.

NOTE Confidence: 0.791215587142857

00:43:17.320 --> 00:43:19.240 I mean, we're really fortunate to
NOTE Confidence: 0.791215587142857

00:43:19.240 --> 00:43:20.920 have Tiana working with us and
NOTE Confidence: 0.791215587142857

00:43:20.920 --> 00:43:23.101 interested us and she wants to go into
NOTE Confidence: 0.791215587142857

00:43:23.101 --> 00:43:24.548 neurology so that she has a particular
NOTE Confidence: 0.791215587142857

00:43:24.548 --> 00:43:25.858 interest in some of the neurologic
NOTE Confidence: 0.791215587142857

00:43:25.858 --> 00:43:27.423 issues that there you go, Lindsay,
NOTE Confidence: 0.791215587142857

00:43:27.423 --> 00:43:29.338 particularly some of the neurologic
NOTE Confidence: 0.791215587142857

00:43:29.338 --> 00:43:31.759 issues and trying to figure out if,
NOTE Confidence: 0.791215587142857

00:43:31.760 --> 00:43:33.398 if we can help. And I thought,
NOTE Confidence: 0.791215587142857

00:43:33.400 --> 00:43:34.360 like, wouldn't that be amazing?
NOTE Confidence: 0.791215587142857

00:43:34.360 --> 00:43:36.819 If a medical student could help solve some
NOTE Confidence: 0.791215587142857

00:43:36.819 --> 00:43:40.120 of this stuff, that would be amazing.
NOTE Confidence: 0.791215587142857

00:43:40.120 --> 00:43:41.596 Amy had a nice comment about,
NOTE Confidence: 0.791215587142857

00:43:41.600 --> 00:43:43.118 listen, I would really appreciate it.
NOTE Confidence: 0.791215587142857

00:43:43.120 --> 00:43:44.884 But let me just say we approach
NOTE Confidence: 0.791215587142857

00:43:44.884 --> 00:43:45.640 this with humility.

NOTE Confidence: 0.791215587142857
00:43:45.640 --> 00:43:48.120 Like we know we don't,
NOTE Confidence: 0.791215587142857
00:43:48.120 --> 00:43:49.440 we don't do everything right.
NOTE Confidence: 0.791215587142857
00:43:49.440 --> 00:43:51.030 We we may actually stick our
NOTE Confidence: 0.791215587142857
00:43:51.030 --> 00:43:52.978 foot in our mouth or, you know,
NOTE Confidence: 0.791215587142857
00:43:52.978 --> 00:43:54.623 misstep or somehow make things
NOTE Confidence: 0.791215587142857
00:43:54.623 --> 00:43:55.960 more difficult to like.
NOTE Confidence: 0.791215587142857
00:43:55.960 --> 00:43:57.598 We're just always looking for feedback.
NOTE Confidence: 0.791215587142857
00:43:57.600 --> 00:43:58.158 And you know,
NOTE Confidence: 0.791215587142857
00:43:58.158 --> 00:43:59.680 we're going to do the best we can.
NOTE Confidence: 0.791215587142857
00:43:59.680 --> 00:44:01.204 We're we're committed.
NOTE Confidence: 0.791215587142857
00:44:01.204 --> 00:44:03.236 We want to help.
NOTE Confidence: 0.791215587142857
00:44:03.240 --> 00:44:06.840 We want to work together and we want to try.
NOTE Confidence: 0.791215587142857
00:44:06.840 --> 00:44:07.354 You know,
NOTE Confidence: 0.791215587142857
00:44:07.354 --> 00:44:09.196 we want to figure out whether we
NOTE Confidence: 0.791215587142857
00:44:09.196 --> 00:44:11.844 can all solve this in a way that can
NOTE Confidence: 0.791215587142857

00:44:11.844 --> 00:44:13.520 relieve suffering and turn this around,
NOTE Confidence: 0.791215587142857

00:44:13.520 --> 00:44:15.172 get let people get back to their
NOTE Confidence: 0.791215587142857

00:44:15.172 --> 00:44:16.759 lives so that that's the goal.
NOTE Confidence: 0.791215587142857

00:44:16.760 --> 00:44:19.672 And so you know, I, I,
NOTE Confidence: 0.791215587142857

00:44:19.672 --> 00:44:20.980 I and when these other studies
NOTE Confidence: 0.791215587142857

00:44:21.029 --> 00:44:22.119 I have sympathy for me,
NOTE Confidence: 0.791215587142857

00:44:22.120 --> 00:44:24.437 I think I'm glad anyone's doing research.
NOTE Confidence: 0.791215587142857

00:44:24.440 --> 00:44:25.397 And you know,
NOTE Confidence: 0.791215587142857

00:44:25.397 --> 00:44:26.992 even when you encounter somebody
NOTE Confidence: 0.791215587142857

00:44:26.992 --> 00:44:28.434 doing research and something happens,
NOTE Confidence: 0.791215587142857

00:44:28.434 --> 00:44:30.513 it's not exactly the way you want.
NOTE Confidence: 0.791215587142857

00:44:30.520 --> 00:44:30.779 Like,
NOTE Confidence: 0.791215587142857

00:44:30.779 --> 00:44:31.297 at least,
NOTE Confidence: 0.791215587142857

00:44:31.297 --> 00:44:33.110 I mean at least we should applaud
NOTE Confidence: 0.791215587142857

00:44:33.171 --> 00:44:34.731 that they're doing something right
NOTE Confidence: 0.791215587142857

00:44:34.731 --> 00:44:37.009 because there's a lot of places that

NOTE Confidence: 0.791215587142857
00:44:37.009 --> 00:44:39.312 aren't aren't engaging and doing things too.
NOTE Confidence: 0.791215587142857
00:44:39.320 --> 00:44:39.560 So,
NOTE Confidence: 0.791215587142857
00:44:39.560 --> 00:44:40.040 you know,
NOTE Confidence: 0.791215587142857
00:44:40.040 --> 00:44:40.520 I mean,
NOTE Confidence: 0.791215587142857
00:44:40.520 --> 00:44:42.536 I hope that they're all wanting to listen
NOTE Confidence: 0.791215587142857
00:44:42.536 --> 00:44:44.197 carefully about how they can improve too.
NOTE Confidence: 0.791215587142857
00:44:44.200 --> 00:44:46.237 I think everyone in the research community,
NOTE Confidence: 0.791215587142857
00:44:46.240 --> 00:44:48.598 we need to move away from
NOTE Confidence: 0.791215587142857
00:44:48.598 --> 00:44:50.480 this hierarchical idea in US,
NOTE Confidence: 0.791215587142857
00:44:50.480 --> 00:44:52.640 subjects either comply or don't comply,
NOTE Confidence: 0.791215587142857
00:44:52.640 --> 00:44:54.152 but how do we work together
NOTE Confidence: 0.791215587142857
00:44:54.152 --> 00:44:55.160 and stream the ideas?
NOTE Confidence: 0.791215587142857
00:44:55.160 --> 00:44:56.984 And the last thing I'm going to say
NOTE Confidence: 0.791215587142857
00:44:56.984 --> 00:44:58.811 again is ideas about how we can
NOTE Confidence: 0.791215587142857
00:44:58.811 --> 00:45:00.600 encourage people to fill out surveys,
NOTE Confidence: 0.791215587142857

00:45:00.600 --> 00:45:02.056 What frequency of surveys,
NOTE Confidence: 0.791215587142857

00:45:02.056 --> 00:45:04.514 how we can get people at least
NOTE Confidence: 0.791215587142857

00:45:04.514 --> 00:45:06.099 to take the opportunity to
NOTE Confidence: 0.791215587142857

00:45:06.099 --> 00:45:07.520 consider connecting their records.
NOTE Confidence: 0.791215587142857

00:45:07.520 --> 00:45:09.560 You know, again, I'm, I'm cognitive.
NOTE Confidence: 0.791215587142857

00:45:09.560 --> 00:45:11.680 Some people may not just not want to do it,
NOTE Confidence: 0.791215587142857

00:45:11.680 --> 00:45:13.678 but for people who are willing to do it,
NOTE Confidence: 0.791215587142857

00:45:13.680 --> 00:45:15.094 how can we encourage them to say
NOTE Confidence: 0.791215587142857

00:45:15.094 --> 00:45:16.716 this is for the good of the study
NOTE Confidence: 0.791215587142857

00:45:16.716 --> 00:45:18.904 And and it will help a lot if they do that.
NOTE Confidence: 0.791215587142857

00:45:18.904 --> 00:45:20.705 Like your ideas about how we can
NOTE Confidence: 0.791215587142857

00:45:20.705 --> 00:45:22.355 think about reaching folks and
NOTE Confidence: 0.791215587142857

00:45:22.355 --> 00:45:23.997 then improving the diversity of
NOTE Confidence: 0.791215587142857

00:45:23.997 --> 00:45:25.569 the study and then also just
NOTE Confidence: 0.791215587142857

00:45:25.569 --> 00:45:27.206 spreading the word about the study.
NOTE Confidence: 0.791215587142857

00:45:27.206 --> 00:45:28.898 Because ultimately the more people we

NOTE Confidence: 0.791215587142857
00:45:28.898 --> 00:45:30.717 have the more we can learn together.
NOTE Confidence: 0.791215587142857
00:45:30.720 --> 00:45:31.889 So I think these are some of
NOTE Confidence: 0.791215587142857
00:45:31.889 --> 00:45:32.852 the central messages we want to
NOTE Confidence: 0.791215587142857
00:45:32.852 --> 00:45:33.832 say and and part of the reason
NOTE Confidence: 0.795209872666667
00:45:33.871 --> 00:45:35.151 we just want to have this meeting we
NOTE Confidence: 0.795209872666667
00:45:35.151 --> 00:45:37.225 hadn't met since March and we're recording
NOTE Confidence: 0.795209872666667
00:45:37.225 --> 00:45:39.679 this so people other people can listen.
NOTE Confidence: 0.795209872666667
00:45:39.680 --> 00:45:40.855 We want to tell people
NOTE Confidence: 0.795209872666667
00:45:40.855 --> 00:45:41.795 we're not standing still.
NOTE Confidence: 0.795209872666667
00:45:41.800 --> 00:45:42.880 We're trying to move forward.
NOTE Confidence: 0.795209872666667
00:45:42.880 --> 00:45:44.505 By the way we're strengthening
NOTE Confidence: 0.795209872666667
00:45:44.505 --> 00:45:45.832 our team Lindsay and Tiana,
NOTE Confidence: 0.795209872666667
00:45:45.832 --> 00:45:47.176 I mean that's you know we're
NOTE Confidence: 0.795209872666667
00:45:47.176 --> 00:45:48.176 bringing in strength and we're
NOTE Confidence: 0.795209872666667
00:45:48.176 --> 00:45:49.520 going to try to bring in more.
NOTE Confidence: 0.795209872666667

00:45:49.520 --> 00:45:52.056 Akiko will be back at future meetings
NOTE Confidence: 0.795209872666667

00:45:52.056 --> 00:45:54.923 and you know she's she's not only
NOTE Confidence: 0.795209872666667

00:45:54.923 --> 00:45:56.369 doing good science but she's also
NOTE Confidence: 0.795209872666667

00:45:56.369 --> 00:45:57.846 being a great ambassador for the
NOTE Confidence: 0.795209872666667

00:45:57.846 --> 00:45:59.480 importance of this kind of research.
NOTE Confidence: 0.795209872666667

00:45:59.480 --> 00:46:02.608 She she lends a lot of credibility to
NOTE Confidence: 0.795209872666667

00:46:02.608 --> 00:46:05.208 to the idea that that you know what
NOTE Confidence: 0.795209872666667

00:46:05.208 --> 00:46:06.600 you guys are experiencing is real.
NOTE Confidence: 0.795209872666667

00:46:06.600 --> 00:46:07.576 We know it's real.
NOTE Confidence: 0.795209872666667

00:46:07.576 --> 00:46:09.506 But I'm just saying it's like there
NOTE Confidence: 0.795209872666667

00:46:09.506 --> 00:46:11.836 are you're constantly colliding with
NOTE Confidence: 0.795209872666667

00:46:11.836 --> 00:46:14.895 people who are not as in tune with
NOTE Confidence: 0.795209872666667

00:46:14.895 --> 00:46:16.550 what people are experiencing or
NOTE Confidence: 0.795209872666667

00:46:16.615 --> 00:46:19.205 or writing things and and and even
NOTE Confidence: 0.795209872666667

00:46:19.205 --> 00:46:21.036 weaponizing studies in ways that
NOTE Confidence: 0.795209872666667

00:46:21.036 --> 00:46:23.016 you know undermines the validity

NOTE Confidence: 0.795209872666667
00:46:23.016 --> 00:46:24.600 of what you're experiencing.
NOTE Confidence: 0.795209872666667
00:46:24.600 --> 00:46:26.520 So you know that I think that's part
NOTE Confidence: 0.795209872666667
00:46:26.520 --> 00:46:28.800 of our job is not only do the research
NOTE Confidence: 0.795209872666667
00:46:28.800 --> 00:46:30.920 but but to have people have respect for,
NOTE Confidence: 0.795209872666667
00:46:30.920 --> 00:46:31.514 you know,
NOTE Confidence: 0.795209872666667
00:46:31.514 --> 00:46:33.296 the experience of what you're going
NOTE Confidence: 0.795209872666667
00:46:33.296 --> 00:46:35.040 through and and and that goes,
NOTE Confidence: 0.795209872666667
00:46:35.040 --> 00:46:35.760 you know,
NOTE Confidence: 0.795209872666667
00:46:35.760 --> 00:46:38.280 long COVID vaccine injury people have both.
NOTE Confidence: 0.795209872666667
00:46:38.280 --> 00:46:40.026 I mean you know this and it goes by
NOTE Confidence: 0.795209872666667
00:46:40.026 --> 00:46:41.874 the way that there are lots of other
NOTE Confidence: 0.795209872666667
00:46:41.874 --> 00:46:43.680 people who we believe are suffering
NOTE Confidence: 0.795209872666667
00:46:43.680 --> 00:46:45.840 from similar kinds of syndromes from
NOTE Confidence: 0.795209872666667
00:46:45.840 --> 00:46:47.316 other conditions or other vaccines.
NOTE Confidence: 0.795209872666667
00:46:47.316 --> 00:46:48.990 And you know what we're hoping
NOTE Confidence: 0.795209872666667

00:46:49.040 --> 00:46:50.538 is that this helps crack the case

NOTE Confidence: 0.795209872666667

00:46:50.538 --> 00:46:52.160 to help them to like, you know,

NOTE Confidence: 0.795209872666667

00:46:52.160 --> 00:46:54.120 people not only dealing with the illness.

NOTE Confidence: 0.795209872666667

00:46:54.120 --> 00:46:55.710 So they're having to deal with

NOTE Confidence: 0.795209872666667

00:46:55.710 --> 00:46:57.889 a lot of people who are not even

NOTE Confidence: 0.795209872666667

00:46:57.889 --> 00:46:59.479 sure about the reality of it.

NOTE Confidence: 0.795209872666667

00:46:59.480 --> 00:47:01.136 And so that's that's part of

NOTE Confidence: 0.795209872666667

00:47:01.136 --> 00:47:02.960 what we have to you know,

NOTE Confidence: 0.795209872666667

00:47:02.960 --> 00:47:04.760 face as we move forward.

NOTE Confidence: 0.795209872666667

00:47:04.760 --> 00:47:06.874 So anyway we're we're at the end.

NOTE Confidence: 0.795209872666667

00:47:06.880 --> 00:47:08.904 I wanted to thank you all for your

NOTE Confidence: 0.795209872666667

00:47:08.904 --> 00:47:09.157 participation.

NOTE Confidence: 0.795209872666667

00:47:09.160 --> 00:47:10.726 We'll we'll go through the chat

NOTE Confidence: 0.795209872666667

00:47:10.726 --> 00:47:12.504 and the questions to see what we

NOTE Confidence: 0.795209872666667

00:47:12.504 --> 00:47:14.086 might have missed and what we can

NOTE Confidence: 0.795209872666667

00:47:14.140 --> 00:47:15.799 you know somehow get back to you.

NOTE Confidence: 0.795209872666667
00:47:15.800 --> 00:47:18.075 We'll work with Talia and and the
NOTE Confidence: 0.795209872666667
00:47:18.080 --> 00:47:19.256 and the Kindred team to to try
NOTE Confidence: 0.795209872666667
00:47:19.256 --> 00:47:20.520 to get this stuff back to you.
NOTE Confidence: 0.905048844
00:47:24.680 --> 00:47:26.845 Just want to express deep
NOTE Confidence: 0.905048844
00:47:26.845 --> 00:47:28.577 appreciation for your participation
NOTE Confidence: 0.905048844
00:47:28.577 --> 00:47:30.637 in this in this town hall,
NOTE Confidence: 0.905048844
00:47:30.640 --> 00:47:32.520 but even more so in the listen study
NOTE Confidence: 0.905048844
00:47:32.520 --> 00:47:34.540 and for your belief that we together
NOTE Confidence: 0.905048844
00:47:34.540 --> 00:47:36.520 we can actually move things forward.
NOTE Confidence: 0.905048844
00:47:36.520 --> 00:47:37.840 So thank you very much.
NOTE Confidence: 0.969427175
00:47:40.160 --> 00:47:41.540 Thank you everyone.
NOTE Confidence: 0.969427175
00:47:41.540 --> 00:47:43.940 And just one thing before we sign off,
NOTE Confidence: 0.969427175
00:47:43.940 --> 00:47:46.813 a reminder that on next Tuesday we
NOTE Confidence: 0.969427175
00:47:46.813 --> 00:47:48.600 have me check my Fact Check myself.
NOTE Confidence: 0.969427175
00:47:48.600 --> 00:47:51.097 We have the Kindred Cafe with Wes, Eli.
NOTE Confidence: 0.969427175

00:47:51.097 --> 00:47:52.879 So if you haven't already registered,

NOTE Confidence: 0.969427175

00:47:52.880 --> 00:47:54.560 please do that as soon as you

NOTE Confidence: 0.969427175

00:47:54.560 --> 00:47:56.240 can if you're able to make it.

NOTE Confidence: 0.969427175

00:47:56.240 --> 00:47:57.630 And that's going to be

NOTE Confidence: 0.969427175

00:47:57.630 --> 00:47:59.479 from 6:00 PM to 7:00 PM ET.

NOTE Confidence: 0.969427175

00:47:59.480 --> 00:47:59.920 So, and

NOTE Confidence: 0.515560384444444

00:48:00.200 --> 00:48:01.656 Wes is said amazing.

NOTE Confidence: 0.515560384444444

00:48:01.656 --> 00:48:03.476 He's just incredible just a

NOTE Confidence: 0.515560384444444

00:48:03.480 --> 00:48:04.968 extraordinary individual.

NOTE Confidence: 0.515560384444444

00:48:04.968 --> 00:48:06.456 Wise, smart.

NOTE Confidence: 0.515560384444444

00:48:06.456 --> 00:48:09.000 Really, really amazing.

NOTE Confidence: 0.515560384444444

00:48:09.000 --> 00:48:10.040 Great. Thank you all.

NOTE Confidence: 0.861757206

00:48:11.680 --> 00:48:12.440 Thank you all so much.