

WEBVTT

NOTE duration:"00:56:39"

NOTE recognizability:0.843

NOTE language:en-us

NOTE Confidence: 0.96394777

00:00:03.920 --> 00:00:07.680 So welcome to the third Listen Town Hall.

NOTE Confidence: 0.96394777

00:00:07.680 --> 00:00:09.480 Super excited about this.

NOTE Confidence: 0.96394777

00:00:09.480 --> 00:00:11.377 Awesome to see so many people here

NOTE Confidence: 0.96394777

00:00:11.377 --> 00:00:13.309 already and I know that that number

NOTE Confidence: 0.96394777

00:00:13.309 --> 00:00:15.638 is going to keep going up as we go on.

NOTE Confidence: 0.96394777

00:00:15.640 --> 00:00:18.118 So if you are here right now,

NOTE Confidence: 0.96394777

00:00:18.120 --> 00:00:20.016 it means that you are enrolled in Kindred

NOTE Confidence: 0.96394777

00:00:20.016 --> 00:00:22.036 and you're a listen member and that's great.

NOTE Confidence: 0.96394777

00:00:22.040 --> 00:00:23.654 Kindred is building a network of

NOTE Confidence: 0.96394777

00:00:23.654 --> 00:00:25.300 data enabled people who have been

NOTE Confidence: 0.96394777

00:00:25.300 --> 00:00:27.113 impacted by COVID and who want to

NOTE Confidence: 0.96394777

00:00:27.113 --> 00:00:28.827 contribute to research in partnership

NOTE Confidence: 0.96394777

00:00:28.827 --> 00:00:29.877 with leading scientists.

NOTE Confidence: 0.96394777

00:00:29.880 --> 00:00:32.638 In that regard, if you haven't yet
NOTE Confidence: 0.96394777

00:00:32.638 --> 00:00:35.000 already connected your data on Kindred,
NOTE Confidence: 0.96394777

00:00:35.000 --> 00:00:37.037 I highly recommend that you do so.
NOTE Confidence: 0.96394777

00:00:37.040 --> 00:00:38.600 Data is pretty much required
NOTE Confidence: 0.96394777

00:00:38.600 --> 00:00:40.160 for research across the board.
NOTE Confidence: 0.96394777

00:00:40.160 --> 00:00:40.916 So on Kindred,
NOTE Confidence: 0.96394777

00:00:40.916 --> 00:00:42.680 what's so cool is that you have
NOTE Confidence: 0.96394777

00:00:42.741 --> 00:00:44.505 access to it and you can send
NOTE Confidence: 0.96394777

00:00:44.505 --> 00:00:46.199 that directly to the researchers.
NOTE Confidence: 0.96394777

00:00:46.200 --> 00:00:48.954 You can have it's not sent or shared with
NOTE Confidence: 0.96394777

00:00:48.954 --> 00:00:51.238 anyone without your explicit consent.
NOTE Confidence: 0.96394777

00:00:51.240 --> 00:00:52.656 Normally in research they have to
NOTE Confidence: 0.96394777

00:00:52.656 --> 00:00:53.863 manually ask from your providers
NOTE Confidence: 0.96394777

00:00:53.863 --> 00:00:55.177 and then they'll send it over
NOTE Confidence: 0.96394777

00:00:55.177 --> 00:00:56.679 and it takes a really long time.
NOTE Confidence: 0.96394777

00:00:56.680 --> 00:00:58.930 So this really speeds up the

NOTE Confidence: 0.96394777

00:00:58.930 --> 00:00:59.680 research process.

NOTE Confidence: 0.96394777

00:00:59.680 --> 00:01:01.320 Again, super excited to have you all here.

NOTE Confidence: 0.96394777

00:01:01.320 --> 00:01:03.180 Your input and perspectives are

NOTE Confidence: 0.96394777

00:01:03.180 --> 00:01:05.040 imperative for the research that

NOTE Confidence: 0.96394777

00:01:05.102 --> 00:01:07.076 they're doing in the LISTEN study.

NOTE Confidence: 0.96394777

00:01:07.080 --> 00:01:08.440 So really without further ado,

NOTE Confidence: 0.96394777

00:01:08.440 --> 00:01:10.932 I'd like to hand it over to

NOTE Confidence: 0.96394777

00:01:10.932 --> 00:01:12.000 the study investigators.

NOTE Confidence: 0.96394777

00:01:12.000 --> 00:01:13.930 We have doctors Harlan Krumholz

NOTE Confidence: 0.96394777

00:01:13.930 --> 00:01:16.426 and Nikko Abasaki and then study

NOTE Confidence: 0.96394777

00:01:16.426 --> 00:01:18.398 coordinators Bernali and Cesar.

NOTE Confidence: 0.96394777

00:01:18.400 --> 00:01:18.720 So

NOTE Confidence: 0.72614415375

00:01:20.440 --> 00:01:22.360 hi, I'll just start and just hello everyone.

NOTE Confidence: 0.72614415375

00:01:22.360 --> 00:01:24.240 Welcome and thank you so much for coming.

NOTE Confidence: 0.72614415375

00:01:24.240 --> 00:01:26.085 This is such a delight to be able to

NOTE Confidence: 0.72614415375

00:01:26.085 --> 00:01:27.994 have a chance to interact with people
NOTE Confidence: 0.72614415375

00:01:27.994 --> 00:01:29.998 who are who've already joined the study.
NOTE Confidence: 0.72614415375

00:01:30.000 --> 00:01:31.760 People are participating with us.
NOTE Confidence: 0.72614415375

00:01:31.760 --> 00:01:33.880 So here's the idea today is what we
NOTE Confidence: 0.72614415375

00:01:33.880 --> 00:01:36.556 wanted to do is actually make this a
NOTE Confidence: 0.72614415375

00:01:36.556 --> 00:01:38.084 highly interactive session just to
NOTE Confidence: 0.72614415375

00:01:38.084 --> 00:01:40.020 talk to you a little bit about what's
NOTE Confidence: 0.72614415375

00:01:40.074 --> 00:01:41.999 going on with the listen study what
NOTE Confidence: 0.72614415375

00:01:41.999 --> 00:01:44.110 we're trying to accomplish and to
NOTE Confidence: 0.72614415375

00:01:44.110 --> 00:01:46.880 listen to you for ideas and thoughts
NOTE Confidence: 0.72614415375

00:01:46.880 --> 00:01:48.856 about what's next and and how we can
NOTE Confidence: 0.72614415375

00:01:48.856 --> 00:01:51.078 get to the place that we want to be.
NOTE Confidence: 0.72614415375

00:01:51.080 --> 00:01:53.320 The intent was to try to create
NOTE Confidence: 0.72614415375

00:01:53.320 --> 00:01:54.280 a learning community,
NOTE Confidence: 0.72614415375

00:01:54.280 --> 00:01:56.576 a bunch of people who are committed
NOTE Confidence: 0.72614415375

00:01:56.576 --> 00:01:58.400 to trying to provide information

NOTE Confidence: 0.72614415375

00:01:58.400 --> 00:02:00.920 about themselves to to also provide

NOTE Confidence: 0.72614415375

00:02:00.920 --> 00:02:02.600 ideas and suggestions.

NOTE Confidence: 0.72614415375

00:02:02.600 --> 00:02:04.358 And to work with the team,

NOTE Confidence: 0.72614415375

00:02:04.360 --> 00:02:06.328 the Yale team and others who

NOTE Confidence: 0.72614415375

00:02:06.328 --> 00:02:07.880 might ultimately work with us,

NOTE Confidence: 0.72614415375

00:02:07.880 --> 00:02:10.295 like David Petrino and others who who

NOTE Confidence: 0.72614415375

00:02:10.295 --> 00:02:12.720 are interested in in this kind of work.

NOTE Confidence: 0.72614415375

00:02:12.720 --> 00:02:14.376 And so that we can make a move forward

NOTE Confidence: 0.72614415375

00:02:14.376 --> 00:02:16.200 that we could actually make some progress.

NOTE Confidence: 0.72614415375

00:02:16.200 --> 00:02:18.664 And I know all of you probably are

NOTE Confidence: 0.72614415375

00:02:18.664 --> 00:02:20.782 as frustrated as we are probably

NOTE Confidence: 0.72614415375

00:02:20.782 --> 00:02:22.577 more frustrated that the progress

NOTE Confidence: 0.72614415375

00:02:22.577 --> 00:02:23.839 has been so slow.

NOTE Confidence: 0.72614415375

00:02:23.840 --> 00:02:26.024 Both we would like this study to go

NOTE Confidence: 0.72614415375

00:02:26.024 --> 00:02:27.997 faster and the research around us.

NOTE Confidence: 0.72614415375

00:02:28.000 --> 00:02:29.464 So let's think together what what
NOTE Confidence: 0.72614415375

00:02:29.464 --> 00:02:31.318 it would take to make that happen.
NOTE Confidence: 0.72614415375

00:02:31.320 --> 00:02:33.104 One of the first things we want to
NOTE Confidence: 0.72614415375

00:02:33.104 --> 00:02:35.292 do is just sort of flash up a slide
NOTE Confidence: 0.72614415375

00:02:35.292 --> 00:02:36.888 about some of the issues that we're
NOTE Confidence: 0.72614415375

00:02:36.888 --> 00:02:38.650 facing because we want to hear what you
NOTE Confidence: 0.72614415375

00:02:38.650 --> 00:02:40.078 think about how we can move forward.
NOTE Confidence: 0.72614415375

00:02:40.080 --> 00:02:42.684 It's going to be about data and
NOTE Confidence: 0.72614415375

00:02:42.684 --> 00:02:45.040 connections and and number of people
NOTE Confidence: 0.72614415375

00:02:45.040 --> 00:02:47.398 and and I said the good news is the
NOTE Confidence: 0.72614415375

00:02:47.398 --> 00:02:49.718 Kindred community is now at almost 3000,
NOTE Confidence: 0.72614415375

00:02:49.718 --> 00:02:52.504 the number of people who've joined from
NOTE Confidence: 0.72614415375

00:02:52.504 --> 00:02:55.118 Kindred into listen about about half or
NOTE Confidence: 0.72614415375

00:02:55.118 --> 00:02:58.400 so maybe a little bit more have joined in.
NOTE Confidence: 0.72614415375

00:02:58.400 --> 00:03:01.760 And again the the way it works
NOTE Confidence: 0.72614415375

00:03:01.871 --> 00:03:03.200 is nothing happens with your

NOTE Confidence: 0.72614415375

00:03:03.200 --> 00:03:04.320 data without your permission.

NOTE Confidence: 0.72614415375

00:03:04.320 --> 00:03:06.528 If you're in Kindred and you've

NOTE Confidence: 0.72614415375

00:03:06.528 --> 00:03:07.632 been answering questions,

NOTE Confidence: 0.72614415375

00:03:07.640 --> 00:03:08.807 the Yale study,

NOTE Confidence: 0.72614415375

00:03:08.807 --> 00:03:11.141 Listen won't have access to that

NOTE Confidence: 0.72614415375

00:03:11.141 --> 00:03:13.320 information unless you provide explicit

NOTE Confidence: 0.72614415375

00:03:13.320 --> 00:03:15.428 consent and actually join officially.

NOTE Confidence: 0.72614415375

00:03:15.428 --> 00:03:17.756 And then and then with that,

NOTE Confidence: 0.72614415375

00:03:17.760 --> 00:03:18.762 our data scientists,

NOTE Confidence: 0.72614415375

00:03:18.762 --> 00:03:20.766 our researchers are able to work

NOTE Confidence: 0.72614415375

00:03:20.766 --> 00:03:22.506 with the data and what we want

NOTE Confidence: 0.72614415375

00:03:22.506 --> 00:03:24.160 to be able to start doing.

NOTE Confidence: 0.72614415375

00:03:24.160 --> 00:03:26.274 We've been sort of waiting to accumulate

NOTE Confidence: 0.72614415375

00:03:26.274 --> 00:03:28.295 enough people to be able to make some

NOTE Confidence: 0.72614415375

00:03:28.295 --> 00:03:30.130 sort of of a descriptive analysis so

NOTE Confidence: 0.72614415375

00:03:30.130 --> 00:03:32.080 that we could share back with you.
NOTE Confidence: 0.72614415375

00:03:32.080 --> 00:03:33.711 We're trying to get adequate numbers so
NOTE Confidence: 0.72614415375

00:03:33.711 --> 00:03:35.518 that it would actually mean something.
NOTE Confidence: 0.72614415375

00:03:35.520 --> 00:03:35.814 Meanwhile,
NOTE Confidence: 0.72614415375

00:03:35.814 --> 00:03:37.872 there is this other part of the
NOTE Confidence: 0.72614415375

00:03:37.872 --> 00:03:39.720 study which we'll talk about also,
NOTE Confidence: 0.72614415375

00:03:39.720 --> 00:03:42.516 which is trying to take select
NOTE Confidence: 0.72614415375

00:03:42.516 --> 00:03:43.914 individuals who particularly,
NOTE Confidence: 0.72614415375

00:03:43.920 --> 00:03:44.864 you know,
NOTE Confidence: 0.72614415375

00:03:44.864 --> 00:03:47.380 Rep are representative of the kind of
NOTE Confidence: 0.72614415375

00:03:47.380 --> 00:03:49.719 health challenges that all of you are facing.
NOTE Confidence: 0.72614415375

00:03:49.720 --> 00:03:51.646 And see whether or not through
NOTE Confidence: 0.72614415375

00:03:51.646 --> 00:03:53.639 the great work that's being done
NOTE Confidence: 0.72614415375

00:03:53.639 --> 00:03:54.915 in Akiko Asaki's lab
NOTE Confidence: 0.735355585714286

00:03:54.920 --> 00:03:57.920 begin to develop some immuno
NOTE Confidence: 0.735355585714286

00:03:57.920 --> 00:04:00.200 phenotyping profiles of of people.

NOTE Confidence: 0.735355585714286
00:04:00.200 --> 00:04:02.360 And to understand whether or not
NOTE Confidence: 0.735355585714286
00:04:02.360 --> 00:04:04.684 there's a correlation between the kind
NOTE Confidence: 0.735355585714286
00:04:04.684 --> 00:04:06.136 of symptoms people are exhibiting in
NOTE Confidence: 0.735355585714286
00:04:06.136 --> 00:04:07.966 the way in which these thousands of
NOTE Confidence: 0.735355585714286
00:04:07.966 --> 00:04:09.693 measures of the immune system that we
NOTE Confidence: 0.735355585714286
00:04:09.693 --> 00:04:11.723 might be able to make sort of reflect.
NOTE Confidence: 0.735355585714286
00:04:11.723 --> 00:04:14.250 And then also how about compared to
NOTE Confidence: 0.735355585714286
00:04:14.324 --> 00:04:17.026 people who don't have long COVID or
NOTE Confidence: 0.735355585714286
00:04:17.026 --> 00:04:19.540 vaccine injury and and can we begin to
NOTE Confidence: 0.735355585714286
00:04:19.540 --> 00:04:21.399 understand how these different groups look?
NOTE Confidence: 0.735355585714286
00:04:21.400 --> 00:04:23.920 Can we begin to move towards diagnostic
NOTE Confidence: 0.735355585714286
00:04:23.920 --> 00:04:26.810 tests based on the findings and ultimately
NOTE Confidence: 0.735355585714286
00:04:26.810 --> 00:04:29.165 targets for for therapeutic interventions
NOTE Confidence: 0.735355585714286
00:04:29.165 --> 00:04:31.640 that are strongly evidence based.
NOTE Confidence: 0.735355585714286
00:04:31.640 --> 00:04:33.250 So this is kind of the the
NOTE Confidence: 0.735355585714286

00:04:33.250 --> 00:04:34.560 way that we've proceeded.
NOTE Confidence: 0.735355585714286

00:04:34.560 --> 00:04:36.330 I also want to talk to us for a little
NOTE Confidence: 0.735355585714286

00:04:36.380 --> 00:04:38.221 bit as we move on around some of
NOTE Confidence: 0.735355585714286

00:04:38.221 --> 00:04:39.838 the thoughts about trying to create
NOTE Confidence: 0.735355585714286

00:04:39.840 --> 00:04:43.080 subgroups within the Listen community.
NOTE Confidence: 0.735355585714286

00:04:43.080 --> 00:04:45.198 So what if we were to,
NOTE Confidence: 0.735355585714286

00:04:45.200 --> 00:04:45.850 for example,
NOTE Confidence: 0.735355585714286

00:04:45.850 --> 00:04:47.800 pull together groups of people who
NOTE Confidence: 0.735355585714286

00:04:47.800 --> 00:04:50.016 had these sort of internal vibrations
NOTE Confidence: 0.735355585714286

00:04:50.016 --> 00:04:52.272 and tremors that have been characters?
NOTE Confidence: 0.735355585714286

00:04:52.280 --> 00:04:53.864 We'd written a preprint about a
NOTE Confidence: 0.735355585714286

00:04:53.864 --> 00:04:55.848 bunch of people who had had exhibited
NOTE Confidence: 0.735355585714286

00:04:55.848 --> 00:04:57.588 this and were contacted quite often
NOTE Confidence: 0.735355585714286

00:04:57.588 --> 00:04:59.440 by people who have this symptom.
NOTE Confidence: 0.735355585714286

00:04:59.440 --> 00:05:01.805 It's not very well characterized and
NOTE Confidence: 0.735355585714286

00:05:01.805 --> 00:05:03.275 we believe that maybe we should,

NOTE Confidence: 0.735355585714286
00:05:03.280 --> 00:05:05.696 you know be pulling together a a sort
NOTE Confidence: 0.735355585714286
00:05:05.696 --> 00:05:08.961 of smaller group that has all has that
NOTE Confidence: 0.735355585714286
00:05:08.961 --> 00:05:12.340 kind of symptom or or POTS for example,
NOTE Confidence: 0.735355585714286
00:05:12.340 --> 00:05:14.822 the the postural orthostatic tachycardia
NOTE Confidence: 0.735355585714286
00:05:14.822 --> 00:05:18.554 syndrome that many people also exhibit.
NOTE Confidence: 0.735355585714286
00:05:18.560 --> 00:05:18.801 Anyway,
NOTE Confidence: 0.735355585714286
00:05:18.801 --> 00:05:20.729 the idea is should we be trying to
NOTE Confidence: 0.735355585714286
00:05:20.729 --> 00:05:22.790 create these subsets that are a little
NOTE Confidence: 0.735355585714286
00:05:22.790 --> 00:05:24.572 more homogeneous with regard to their
NOTE Confidence: 0.735355585714286
00:05:24.572 --> 00:05:26.272 experience and then dig deeper into that.
NOTE Confidence: 0.735355585714286
00:05:26.272 --> 00:05:28.091 So we want to talk with you about
NOTE Confidence: 0.735355585714286
00:05:28.091 --> 00:05:29.915 that idea also and see what you think
NOTE Confidence: 0.735355585714286
00:05:29.968 --> 00:05:31.570 vaccine injury is another natural one
NOTE Confidence: 0.735355585714286
00:05:31.570 --> 00:05:33.804 to kind of really focus in on and
NOTE Confidence: 0.735355585714286
00:05:33.804 --> 00:05:35.550 see whether or not there's evidence
NOTE Confidence: 0.735355585714286

00:05:35.608 --> 00:05:37.414 of certain signals that might help
NOTE Confidence: 0.735355585714286

00:05:37.414 --> 00:05:38.644 us to to understand this.
NOTE Confidence: 0.735355585714286

00:05:38.644 --> 00:05:41.146 By the way for some of you in the long
NOTE Confidence: 0.735355585714286

00:05:41.146 --> 00:05:42.500 COVID community and we've heard this.
NOTE Confidence: 0.735355585714286

00:05:42.500 --> 00:05:44.400 So I just want just want to mention it.
NOTE Confidence: 0.735355585714286

00:05:44.400 --> 00:05:45.740 You know they've they've asked
NOTE Confidence: 0.735355585714286

00:05:45.740 --> 00:05:47.337 well why is vaccine injury, why,
NOTE Confidence: 0.735355585714286

00:05:47.337 --> 00:05:48.879 why is vaccine injury people here?
NOTE Confidence: 0.735355585714286

00:05:48.880 --> 00:05:50.960 Why are they included in the listen study?
NOTE Confidence: 0.735355585714286

00:05:50.960 --> 00:05:52.928 And then some people have even
NOTE Confidence: 0.735355585714286

00:05:52.928 --> 00:05:54.959 expressed concern in all the vaccine
NOTE Confidence: 0.735355585714286

00:05:54.960 --> 00:05:56.916 injured people know this very well
NOTE Confidence: 0.735355585714286

00:05:56.916 --> 00:05:58.776 where people are saying like well
NOTE Confidence: 0.735355585714286

00:05:58.776 --> 00:06:00.752 are is this a part of anti vaxxer,
NOTE Confidence: 0.735355585714286

00:06:00.760 --> 00:06:01.760 what's going on with this?
NOTE Confidence: 0.735355585714286

00:06:01.760 --> 00:06:03.288 And I just want to say to people

NOTE Confidence: 0.735355585714286
00:06:03.288 --> 00:06:03.960 on COVID side,
NOTE Confidence: 0.735355585714286
00:06:03.960 --> 00:06:05.704 because you may not have heard us
NOTE Confidence: 0.735355585714286
00:06:05.704 --> 00:06:06.760 talk about this, is that we've,
NOTE Confidence: 0.735355585714286
00:06:06.760 --> 00:06:08.505 you know, been in contact with many
NOTE Confidence: 0.735355585714286
00:06:08.505 --> 00:06:09.800 people who were vaccinated,
NOTE Confidence: 0.735355585714286
00:06:09.800 --> 00:06:10.880 not anti vaxxers.
NOTE Confidence: 0.735355585714286
00:06:10.880 --> 00:06:13.190 These are people who got vaccinated
NOTE Confidence: 0.735355585714286
00:06:13.190 --> 00:06:15.156 and as soon afterwards began to
NOTE Confidence: 0.735355585714286
00:06:15.156 --> 00:06:16.950 report symptoms that in many ways
NOTE Confidence: 0.735355585714286
00:06:17.004 --> 00:06:18.845 were very similar to the kind of
NOTE Confidence: 0.735355585714286
00:06:18.845 --> 00:06:20.883 symptoms that many people in the long
NOTE Confidence: 0.735355585714286
00:06:20.883 --> 00:06:22.378 COVID community were also reporting
NOTE Confidence: 0.735355585714286
00:06:22.378 --> 00:06:24.750 But some ways different and but
NOTE Confidence: 0.735355585714286
00:06:24.750 --> 00:06:27.303 but devastating to their lives and
NOTE Confidence: 0.735355585714286
00:06:27.303 --> 00:06:29.715 were found themselves in a position
NOTE Confidence: 0.735355585714286

00:06:29.715 --> 00:06:31.665 where because of the politics or
NOTE Confidence: 0.735355585714286

00:06:31.665 --> 00:06:33.210 because of of a whole
NOTE Confidence: 0.924302797857143

00:06:33.282 --> 00:06:34.958 range of different issues,
NOTE Confidence: 0.924302797857143

00:06:34.960 --> 00:06:36.400 you know, people wouldn't talk
NOTE Confidence: 0.924302797857143

00:06:36.400 --> 00:06:38.160 to them or wouldn't help them.
NOTE Confidence: 0.924302797857143

00:06:38.160 --> 00:06:39.840 And a lot of scientists want to steer
NOTE Confidence: 0.924302797857143

00:06:39.840 --> 00:06:41.086 clear them because people concerned
NOTE Confidence: 0.924302797857143

00:06:41.086 --> 00:06:43.270 about what it would mean to, you know,
NOTE Confidence: 0.924302797857143

00:06:43.270 --> 00:06:45.160 around the perception and so forth.
NOTE Confidence: 0.924302797857143

00:06:45.160 --> 00:06:46.679 And for us. And let me say
NOTE Confidence: 0.924302797857143

00:06:46.679 --> 00:06:48.318 Kiko was very clear about this.
NOTE Confidence: 0.924302797857143

00:06:48.320 --> 00:06:49.075 I was very clear about
NOTE Confidence: 0.924302797857143

00:06:49.075 --> 00:06:49.679 this from the beginning.
NOTE Confidence: 0.924302797857143

00:06:49.680 --> 00:06:51.680 You know, we we want to bring good
NOTE Confidence: 0.924302797857143

00:06:51.680 --> 00:06:53.451 strong science to this and we saw
NOTE Confidence: 0.924302797857143

00:06:53.451 --> 00:06:55.172 people who were suffering and and we,

NOTE Confidence: 0.924302797857143
00:06:55.172 --> 00:06:55.664 you know,
NOTE Confidence: 0.924302797857143
00:06:55.664 --> 00:06:57.440 we want to avoid politics around this.
NOTE Confidence: 0.924302797857143
00:06:57.440 --> 00:06:59.200 We want to try to get to how can we
NOTE Confidence: 0.924302797857143
00:06:59.250 --> 00:07:00.726 help people resume their lives and
NOTE Confidence: 0.924302797857143
00:07:00.726 --> 00:07:02.919 and how can we address that suffering.
NOTE Confidence: 0.924302797857143
00:07:02.920 --> 00:07:04.880 And because there were some
NOTE Confidence: 0.924302797857143
00:07:04.880 --> 00:07:06.410 similarity to the symptoms plus we
NOTE Confidence: 0.924302797857143
00:07:06.410 --> 00:07:08.509 were set up in the listen study to
NOTE Confidence: 0.924302797857143
00:07:08.509 --> 00:07:10.365 be able to characterize a new new
NOTE Confidence: 0.924302797857143
00:07:10.365 --> 00:07:11.961 emerging condition and and be try
NOTE Confidence: 0.924302797857143
00:07:11.961 --> 00:07:13.600 to figure out what it is they were.
NOTE Confidence: 0.924302797857143
00:07:13.600 --> 00:07:15.539 They had the same challenges of people
NOTE Confidence: 0.924302797857143
00:07:15.539 --> 00:07:17.520 along COVID which is no diagnostic test.
NOTE Confidence: 0.924302797857143
00:07:17.520 --> 00:07:19.480 Many people not believing them,
NOTE Confidence: 0.924302797857143
00:07:19.480 --> 00:07:21.370 being put in a position where their
NOTE Confidence: 0.924302797857143

00:07:21.370 --> 00:07:22.543 symptoms were being discounted

NOTE Confidence: 0.924302797857143

00:07:22.543 --> 00:07:24.496 even though they knew that they

NOTE Confidence: 0.924302797857143

00:07:24.496 --> 00:07:26.584 were really that that their their

NOTE Confidence: 0.924302797857143

00:07:26.584 --> 00:07:28.280 lives had experienced something

NOTE Confidence: 0.924302797857143

00:07:28.280 --> 00:07:30.280 quite dramatic and devastating.

NOTE Confidence: 0.924302797857143

00:07:30.280 --> 00:07:32.776 So then that's why we expanded the

NOTE Confidence: 0.924302797857143

00:07:32.776 --> 00:07:35.560 study to to be inclusive of them and

NOTE Confidence: 0.924302797857143

00:07:35.560 --> 00:07:37.438 believe they deserve the same respect

NOTE Confidence: 0.924302797857143

00:07:37.440 --> 00:07:39.054 that everyone that that that people

NOTE Confidence: 0.924302797857143

00:07:39.054 --> 00:07:40.840 in the long COVID community do.

NOTE Confidence: 0.924302797857143

00:07:40.840 --> 00:07:42.696 And and we need to be able to

NOTE Confidence: 0.924302797857143

00:07:42.696 --> 00:07:44.188 work together constructively and

NOTE Confidence: 0.924302797857143

00:07:44.188 --> 00:07:45.674 scientifically to to proceed.

NOTE Confidence: 0.924302797857143

00:07:45.674 --> 00:07:47.473 So anyway I wanted to say that

NOTE Confidence: 0.924302797857143

00:07:47.473 --> 00:07:49.115 because that had been raised to me

NOTE Confidence: 0.924302797857143

00:07:49.120 --> 00:07:50.646 and some people on the long COVID

NOTE Confidence: 0.924302797857143
00:07:50.646 --> 00:07:52.278 side may have wondered about that.
NOTE Confidence: 0.924302797857143
00:07:52.280 --> 00:07:53.918 So I wanted to say why,
NOTE Confidence: 0.924302797857143
00:07:53.920 --> 00:07:55.640 why we've been inclusive and
NOTE Confidence: 0.924302797857143
00:07:55.640 --> 00:07:57.360 welcoming and why we're working
NOTE Confidence: 0.924302797857143
00:07:57.421 --> 00:07:58.678 together to release suffering.
NOTE Confidence: 0.924302797857143
00:07:58.678 --> 00:08:00.008 And so that's why that's
NOTE Confidence: 0.924302797857143
00:08:00.008 --> 00:08:01.399 why we brought them in.
NOTE Confidence: 0.924302797857143
00:08:01.400 --> 00:08:03.456 So let me just go to this issue
NOTE Confidence: 0.924302797857143
00:08:03.456 --> 00:08:05.040 about the enrollment side.
NOTE Confidence: 0.924302797857143
00:08:05.040 --> 00:08:06.918 Cesar, do you mind putting up?
NOTE Confidence: 0.924302797857143
00:08:06.920 --> 00:08:07.040 And
NOTE Confidence: 0.945230950769231
00:08:11.160 --> 00:08:13.652 then I'll make a few comments about
NOTE Confidence: 0.945230950769231
00:08:13.652 --> 00:08:16.560 overall what we think we've learned and
NOTE Confidence: 0.855727026
00:08:18.960 --> 00:08:20.736 and then then we'll go to
NOTE Confidence: 0.855727026
00:08:20.736 --> 00:08:21.920 these various various parts.
NOTE Confidence: 0.855727026

00:08:21.920 --> 00:08:22.980 And if you've got questions
NOTE Confidence: 0.855727026

00:08:22.980 --> 00:08:24.360 or thoughts as we go along,
NOTE Confidence: 0.855727026

00:08:24.360 --> 00:08:27.120 please write them down South.
NOTE Confidence: 0.855727026

00:08:27.120 --> 00:08:29.876 The the, the status so far is that.
NOTE Confidence: 0.855727026

00:08:29.880 --> 00:08:32.106 So I said maybe there are
NOTE Confidence: 0.855727026

00:08:32.106 --> 00:08:34.280 3000 people in Kindred.
NOTE Confidence: 0.855727026

00:08:34.280 --> 00:08:37.280 Among the people in Kindred,
NOTE Confidence: 0.855727026

00:08:37.280 --> 00:08:38.702 you know you can see here
NOTE Confidence: 0.855727026

00:08:38.702 --> 00:08:40.645 this is as of February 23rd,
NOTE Confidence: 0.855727026

00:08:40.645 --> 00:08:43.315 1519 and have enrolled in Listen.
NOTE Confidence: 0.855727026

00:08:43.320 --> 00:08:45.432 So this is a little bit of a
NOTE Confidence: 0.855727026

00:08:45.432 --> 00:08:46.880 disappointment by the way because
NOTE Confidence: 0.855727026

00:08:46.880 --> 00:08:49.130 my belief was that most people
NOTE Confidence: 0.855727026

00:08:49.130 --> 00:08:51.286 join Kindred in in an effort
NOTE Confidence: 0.855727026

00:08:51.286 --> 00:08:52.871 to join a a research study.
NOTE Confidence: 0.855727026

00:08:52.871 --> 00:08:55.217 I mean I would I would have thought a

NOTE Confidence: 0.855727026

00:08:55.217 --> 00:08:56.797 higher percentage of people motivate

NOTE Confidence: 0.855727026

00:08:56.797 --> 00:08:58.729 on that maybe that's our problem

NOTE Confidence: 0.855727026

00:08:58.729 --> 00:09:00.575 maybe we need to communicate better

NOTE Confidence: 0.855727026

00:09:00.575 --> 00:09:02.935 to folks what it is that that we're

NOTE Confidence: 0.855727026

00:09:02.935 --> 00:09:04.957 doing and what this transition is we

NOTE Confidence: 0.855727026

00:09:04.957 --> 00:09:07.476 we know and on the Hugo side we know.

NOTE Confidence: 0.855727026

00:09:07.480 --> 00:09:09.478 Look I I hope you'll be patient with us.

NOTE Confidence: 0.855727026

00:09:09.480 --> 00:09:11.765 We're iterating trying to improve

NOTE Confidence: 0.855727026

00:09:11.765 --> 00:09:14.845 trying to take in comments Leslie

NOTE Confidence: 0.855727026

00:09:14.845 --> 00:09:17.100 can talk about that at some point or

NOTE Confidence: 0.855727026

00:09:17.100 --> 00:09:18.974 Talia but it's it's you know we're

NOTE Confidence: 0.855727026

00:09:18.974 --> 00:09:20.658 trying to get stronger but maybe

NOTE Confidence: 0.855727026

00:09:20.658 --> 00:09:22.320 the messaging needs to be clear.

NOTE Confidence: 0.855727026

00:09:22.320 --> 00:09:24.301 But only only about half the people

NOTE Confidence: 0.855727026

00:09:24.301 --> 00:09:25.907 who joined Kindred moved over and

NOTE Confidence: 0.855727026

00:09:25.907 --> 00:09:28.052 then you can see there are 500 people

NOTE Confidence: 0.855727026

00:09:28.052 --> 00:09:30.439 with long who these are all like it.

NOTE Confidence: 0.855727026

00:09:30.440 --> 00:09:31.860 Remember the initial questionnaire

NOTE Confidence: 0.855727026

00:09:31.860 --> 00:09:33.952 where it's sort of asking you

NOTE Confidence: 0.855727026

00:09:33.952 --> 00:09:36.136 know what you have what what what

NOTE Confidence: 0.855727026

00:09:36.136 --> 00:09:38.046 what you're experiencing and 500

NOTE Confidence: 0.855727026

00:09:38.046 --> 00:09:40.076 are reporting long COVID only.

NOTE Confidence: 0.855727026

00:09:40.080 --> 00:09:43.050 Interestingly there are almost 300

NOTE Confidence: 0.855727026

00:09:43.050 --> 00:09:45.584 people who are reporting a combination

NOTE Confidence: 0.855727026

00:09:45.584 --> 00:09:47.600 of long COVID and vaccine injury.

NOTE Confidence: 0.855727026

00:09:47.600 --> 00:09:49.754 There's another reason to be welcoming

NOTE Confidence: 0.855727026

00:09:49.754 --> 00:09:52.813 into the study to to open it up more

NOTE Confidence: 0.855727026

00:09:52.813 --> 00:09:54.457 broadly because actually there are

NOTE Confidence: 0.855727026

00:09:54.457 --> 00:09:56.830 people who believe that they had long

NOTE Confidence: 0.855727026

00:09:56.898 --> 00:09:58.956 COVID who report having long COVID

NOTE Confidence: 0.855727026

00:09:58.960 --> 00:10:02.224 and then report also believing and

NOTE Confidence: 0.855727026

00:10:02.224 --> 00:10:04.696 experiencing after the vaccine that

NOTE Confidence: 0.855727026

00:10:04.696 --> 00:10:06.472 that there was another thing that

NOTE Confidence: 0.855727026

00:10:06.472 --> 00:10:09.120 happened to them that that compounded it.

NOTE Confidence: 0.855727026

00:10:09.120 --> 00:10:12.445 So and in many cases this isn't just

NOTE Confidence: 0.855727026

00:10:12.445 --> 00:10:14.320 that whether the vaccine exacerbated

NOTE Confidence: 0.855727026

00:10:14.320 --> 00:10:16.150 the underlying long COVID but they

NOTE Confidence: 0.855727026

00:10:16.150 --> 00:10:18.500 believe it that they feel it and

NOTE Confidence: 0.855727026

00:10:18.500 --> 00:10:20.240 experience it as something different.

NOTE Confidence: 0.855727026

00:10:20.240 --> 00:10:21.655 325 people with vaccine only

NOTE Confidence: 0.855727026

00:10:21.655 --> 00:10:23.440 we went out for a call.

NOTE Confidence: 0.855727026

00:10:23.440 --> 00:10:25.560 We really need some controls.

NOTE Confidence: 0.855727026

00:10:25.560 --> 00:10:27.954 So we have 204 people with controls

NOTE Confidence: 0.855727026

00:10:27.954 --> 00:10:30.020 and then you may say like well

NOTE Confidence: 0.855727026

00:10:30.020 --> 00:10:31.400 how do you have unknown,

NOTE Confidence: 0.855727026

00:10:31.400 --> 00:10:33.472 238 unknown and and this is because

NOTE Confidence: 0.855727026

00:10:33.472 --> 00:10:35.182 I mean there's people can skip
NOTE Confidence: 0.855727026

00:10:35.182 --> 00:10:36.826 those questions or they can not
NOTE Confidence: 0.855727026

00:10:36.826 --> 00:10:38.800 be filling out the questionnaire.
NOTE Confidence: 0.855727026

00:10:38.800 --> 00:10:40.984 So one of the things I want to
NOTE Confidence: 0.855727026

00:10:40.984 --> 00:10:43.980 talk and think with you about and
NOTE Confidence: 0.855727026

00:10:43.980 --> 00:10:46.360 appreciate be your note here about
NOTE Confidence: 0.855727026

00:10:46.360 --> 00:10:47.480 finding the website confusing.
NOTE Confidence: 0.855727026

00:10:47.480 --> 00:10:49.356 So let's figure this out like let's
NOTE Confidence: 0.855727026

00:10:49.356 --> 00:10:51.590 let's work this out together about what
NOTE Confidence: 0.855727026

00:10:51.590 --> 00:10:54.600 we do to make things less confusing,
NOTE Confidence: 0.855727026

00:10:54.600 --> 00:10:56.364 in fact not confusing at all and
NOTE Confidence: 0.855727026

00:10:56.364 --> 00:10:58.000 really much more straightforward,
NOTE Confidence: 0.855727026

00:10:58.000 --> 00:10:59.632 really committed to that.
NOTE Confidence: 0.855727026

00:10:59.632 --> 00:11:02.080 But on the survey response rate,
NOTE Confidence: 0.855727026

00:11:02.080 --> 00:11:04.240 you can see that, you know,
NOTE Confidence: 0.855727026

00:11:04.240 --> 00:11:05.620 remember that there were a variety

NOTE Confidence: 0.855727026

00:11:05.620 --> 00:11:06.760 of of questionnaires and we

NOTE Confidence: 0.855727026

00:11:06.760 --> 00:11:07.798 weren't sure how to do this.

NOTE Confidence: 0.826009274285714

00:11:07.800 --> 00:11:08.676 You know it.

NOTE Confidence: 0.826009274285714

00:11:08.676 --> 00:11:10.428 It's always this balance because we

NOTE Confidence: 0.826009274285714

00:11:10.428 --> 00:11:12.599 want detailed information on everyone.

NOTE Confidence: 0.826009274285714

00:11:12.600 --> 00:11:13.880 That's how we characterize people.

NOTE Confidence: 0.826009274285714

00:11:13.880 --> 00:11:14.798 And by the way, you know,

NOTE Confidence: 0.826009274285714

00:11:14.800 --> 00:11:16.200 for some of these conditions,

NOTE Confidence: 0.826009274285714

00:11:16.200 --> 00:11:17.020 that's what I'm saying.

NOTE Confidence: 0.826009274285714

00:11:17.020 --> 00:11:18.811 It may make sense to to develop like

NOTE Confidence: 0.826009274285714

00:11:18.811 --> 00:11:20.610 subgroups because you want to go really

NOTE Confidence: 0.826009274285714

00:11:20.610 --> 00:11:22.358 deeply and understand like what's their,

NOTE Confidence: 0.826009274285714

00:11:22.360 --> 00:11:23.425 what's the experience,

NOTE Confidence: 0.826009274285714

00:11:23.425 --> 00:11:25.487 what is it that people are

NOTE Confidence: 0.826009274285714

00:11:25.487 --> 00:11:27.209 facing every day and and what

NOTE Confidence: 0.826009274285714

00:11:27.209 --> 00:11:28.839 are the limitations and so forth.
NOTE Confidence: 0.826009274285714

00:11:28.840 --> 00:11:30.480 And you know, even this,
NOTE Confidence: 0.826009274285714

00:11:30.480 --> 00:11:31.760 even these questionnaires don't
NOTE Confidence: 0.826009274285714

00:11:31.760 --> 00:11:33.998 really get to the level of detail
NOTE Confidence: 0.826009274285714

00:11:33.998 --> 00:11:35.558 that you'd like to get to.
NOTE Confidence: 0.826009274285714

00:11:35.560 --> 00:11:37.360 But we tried to make this,
NOTE Confidence: 0.826009274285714

00:11:37.360 --> 00:11:38.700 these questionnaires by the way
NOTE Confidence: 0.826009274285714

00:11:38.700 --> 00:11:40.799 that are up on the Kindred site.
NOTE Confidence: 0.826009274285714

00:11:40.800 --> 00:11:43.000 We're done in collaboration with
NOTE Confidence: 0.826009274285714

00:11:43.000 --> 00:11:44.800 with some of you and others.
NOTE Confidence: 0.826009274285714

00:11:44.800 --> 00:11:45.178 You know that.
NOTE Confidence: 0.826009274285714

00:11:45.178 --> 00:11:45.556 In other words,
NOTE Confidence: 0.826009274285714

00:11:45.560 --> 00:11:47.258 it wasn't just like researchers just
NOTE Confidence: 0.826009274285714

00:11:47.258 --> 00:11:49.440 saying what do we want to ask people?
NOTE Confidence: 0.826009274285714

00:11:49.440 --> 00:11:51.558 But we tried to work hard
NOTE Confidence: 0.826009274285714

00:11:51.560 --> 00:11:52.676 and many of you know this.

NOTE Confidence: 0.826009274285714
00:11:52.680 --> 00:11:53.096 You know,
NOTE Confidence: 0.826009274285714
00:11:53.096 --> 00:11:54.760 we went back and forth with with groups.
NOTE Confidence: 0.826009274285714
00:11:54.760 --> 00:11:55.022 Denise,
NOTE Confidence: 0.826009274285714
00:11:55.022 --> 00:11:57.118 you were wonderful and helped us a lot.
NOTE Confidence: 0.826009274285714
00:11:57.120 --> 00:11:58.835 And so did a lot of other
NOTE Confidence: 0.826009274285714
00:11:58.835 --> 00:11:59.743 people giving us feedback,
NOTE Confidence: 0.826009274285714
00:11:59.743 --> 00:12:01.069 helping us to figure out what
NOTE Confidence: 0.826009274285714
00:12:01.069 --> 00:12:02.280 should go into these questions,
NOTE Confidence: 0.826009274285714
00:12:02.280 --> 00:12:03.840 recognizing that there are
NOTE Confidence: 0.826009274285714
00:12:03.840 --> 00:12:05.400 trade-offs between the volume.
NOTE Confidence: 0.826009274285714
00:12:05.400 --> 00:12:07.840 And also many of you have got fatigue.
NOTE Confidence: 0.826009274285714
00:12:07.840 --> 00:12:08.884 It's not easy.
NOTE Confidence: 0.826009274285714
00:12:08.884 --> 00:12:10.276 You have trouble concentrating.
NOTE Confidence: 0.826009274285714
00:12:10.280 --> 00:12:12.596 So like just add that on,
NOTE Confidence: 0.826009274285714
00:12:12.600 --> 00:12:13.518 you know, to all of this,
NOTE Confidence: 0.826009274285714

00:12:13.520 --> 00:12:14.560 how do we balance this?
NOTE Confidence: 0.826009274285714

00:12:14.560 --> 00:12:16.384 And then one of the things we decided
NOTE Confidence: 0.826009274285714

00:12:16.384 --> 00:12:18.592 to do basically because we were
NOTE Confidence: 0.826009274285714

00:12:18.592 --> 00:12:21.933 told by people who were facing these
NOTE Confidence: 0.826009274285714

00:12:21.933 --> 00:12:24.037 conditions that we need to divide this up.
NOTE Confidence: 0.826009274285714

00:12:24.040 --> 00:12:26.000 It can't be like one large question.
NOTE Confidence: 0.826009274285714

00:12:26.000 --> 00:12:27.560 It's too daunting,
NOTE Confidence: 0.826009274285714

00:12:27.560 --> 00:12:28.600 too intimidating,
NOTE Confidence: 0.826009274285714

00:12:28.600 --> 00:12:29.605 too, too hard.
NOTE Confidence: 0.826009274285714

00:12:29.605 --> 00:12:32.417 And so that's why we tried to divide
NOTE Confidence: 0.826009274285714

00:12:32.417 --> 00:12:35.133 it into you know these various ones
NOTE Confidence: 0.826009274285714

00:12:35.133 --> 00:12:37.713 that you could March through Plus
NOTE Confidence: 0.826009274285714

00:12:37.713 --> 00:12:39.897 on any given one if you stop you
NOTE Confidence: 0.826009274285714

00:12:39.897 --> 00:12:41.950 can restart at that point and we
NOTE Confidence: 0.826009274285714

00:12:41.950 --> 00:12:42.880 thought maybe that would be better.
NOTE Confidence: 0.826009274285714

00:12:42.880 --> 00:12:45.688 But but what's what's happened is

NOTE Confidence: 0.826009274285714
00:12:45.688 --> 00:12:48.716 that you know so people join listen
NOTE Confidence: 0.826009274285714
00:12:48.720 --> 00:12:51.276 and then not everyone who joined
NOTE Confidence: 0.826009274285714
00:12:51.276 --> 00:12:53.766 listen actually even even filled out
NOTE Confidence: 0.826009274285714
00:12:53.766 --> 00:12:56.178 all the basic information in the
NOTE Confidence: 0.826009274285714
00:12:56.178 --> 00:12:58.283 in the in the first questionnaire
NOTE Confidence: 0.826009274285714
00:12:58.283 --> 00:12:59.735 the basic information questionnaire
NOTE Confidence: 0.826009274285714
00:12:59.735 --> 00:13:02.055 and then then we had the survey
NOTE Confidence: 0.826009274285714
00:13:02.055 --> 00:13:04.060 on survey questions of non medical
NOTE Confidence: 0.826009274285714
00:13:04.060 --> 00:13:05.840 factors on conditions and symptoms.
NOTE Confidence: 0.826009274285714
00:13:05.840 --> 00:13:07.478 You know I know it's long that
NOTE Confidence: 0.826009274285714
00:13:07.478 --> 00:13:09.169 one about symptoms by the way the
NOTE Confidence: 0.826009274285714
00:13:09.169 --> 00:13:10.573 vaccine injured people let us know
NOTE Confidence: 0.826009274285714
00:13:10.625 --> 00:13:12.195 that we we neglected there was a
NOTE Confidence: 0.826009274285714
00:13:12.195 --> 00:13:13.752 longer group of questions for long
NOTE Confidence: 0.826009274285714
00:13:13.752 --> 00:13:15.396 COVID than there were vaccine injury.
NOTE Confidence: 0.826009274285714

00:13:15.400 --> 00:13:17.665 We've we've tried to remedy
NOTE Confidence: 0.826009274285714

00:13:17.665 --> 00:13:19.200 that on the kindred side.
NOTE Confidence: 0.826009274285714

00:13:19.200 --> 00:13:20.280 On the Kindred side,
NOTE Confidence: 0.826009274285714

00:13:20.280 --> 00:13:21.425 remember these are all questions
NOTE Confidence: 0.826009274285714

00:13:21.425 --> 00:13:22.776 they're given on Kindred and then
NOTE Confidence: 0.826009274285714

00:13:22.776 --> 00:13:24.080 if you agree to come in to listen,
NOTE Confidence: 0.826009274285714

00:13:24.080 --> 00:13:25.336 you're sharing those responses.
NOTE Confidence: 0.826009274285714

00:13:25.336 --> 00:13:28.200 And by the way just the Hugo philosophy,
NOTE Confidence: 0.826009274285714

00:13:28.200 --> 00:13:29.040 I know Tally said this,
NOTE Confidence: 0.826009274285714

00:13:29.040 --> 00:13:30.810 but just to reiterate everything
NOTE Confidence: 0.826009274285714

00:13:30.810 --> 00:13:33.364 you fill out goes into your data
NOTE Confidence: 0.826009274285714

00:13:33.364 --> 00:13:35.154 assets and nothing gets moved
NOTE Confidence: 0.826009274285714

00:13:35.160 --> 00:13:36.444 without your permission.
NOTE Confidence: 0.826009274285714

00:13:36.444 --> 00:13:38.584 So it's it's essentially you're
NOTE Confidence: 0.826009274285714

00:13:38.584 --> 00:13:39.440 you have
NOTE Confidence: 0.839654804705882

00:13:39.508 --> 00:13:42.120 always say agency over your own data and

NOTE Confidence: 0.839654804705882
00:13:42.120 --> 00:13:44.040 there's no like other side to this word.
NOTE Confidence: 0.839654804705882
00:13:44.040 --> 00:13:46.740 Data gets sold or monetized or anything.
NOTE Confidence: 0.839654804705882
00:13:46.740 --> 00:13:48.640 Nothing moves without your permission,
NOTE Confidence: 0.839654804705882
00:13:48.640 --> 00:13:50.350 but you know, so you filling
NOTE Confidence: 0.839654804705882
00:13:50.350 --> 00:13:52.360 out things on the Kindred side.
NOTE Confidence: 0.839654804705882
00:13:52.360 --> 00:13:53.410 And the Kindred team had sort
NOTE Confidence: 0.839654804705882
00:13:53.410 --> 00:13:54.520 of put these when I said we,
NOTE Confidence: 0.839654804705882
00:13:54.520 --> 00:13:56.064 I guess I should tell you which hat
NOTE Confidence: 0.839654804705882
00:13:56.064 --> 00:13:57.557 I'm wearing when I'm wearing that hat.
NOTE Confidence: 0.839654804705882
00:13:57.560 --> 00:13:58.876 It was like on the Kindred side,
NOTE Confidence: 0.839654804705882
00:13:58.880 --> 00:14:00.476 Hugo hat working with people to
NOTE Confidence: 0.839654804705882
00:14:00.476 --> 00:14:02.407 try to figure out what what should
NOTE Confidence: 0.839654804705882
00:14:02.407 --> 00:14:04.102 the community's questions be.
NOTE Confidence: 0.839654804705882
00:14:04.102 --> 00:14:05.998 And lots of people,
NOTE Confidence: 0.839654804705882
00:14:06.000 --> 00:14:08.238 many people on this call perhaps
NOTE Confidence: 0.839654804705882

00:14:08.240 --> 00:14:10.436 participated in helping to define that.
NOTE Confidence: 0.839654804705882

00:14:10.440 --> 00:14:12.159 But you got 91% filled out the first one.
NOTE Confidence: 0.839654804705882

00:14:12.160 --> 00:14:14.008 But then you go to non medical factors
NOTE Confidence: 0.839654804705882

00:14:14.008 --> 00:14:15.790 you're only at 2/3 conditions and symptoms.
NOTE Confidence: 0.839654804705882

00:14:15.790 --> 00:14:17.770 You're getting close to only only
NOTE Confidence: 0.839654804705882

00:14:17.770 --> 00:14:20.056 half therapies about two, two 3/4.
NOTE Confidence: 0.839654804705882

00:14:20.056 --> 00:14:23.192 So it makes it difficult in a in a
NOTE Confidence: 0.839654804705882

00:14:23.192 --> 00:14:25.908 usual top down highly hierarchical
NOTE Confidence: 0.839654804705882

00:14:25.908 --> 00:14:29.610 medical study you know you're getting
NOTE Confidence: 0.839654804705882

00:14:29.704 --> 00:14:32.022 pounded from the from people who
NOTE Confidence: 0.839654804705882

00:14:32.022 --> 00:14:34.770 are in the study to for you to fill
NOTE Confidence: 0.839654804705882

00:14:34.770 --> 00:14:36.440 out questionnaires and and it's
NOTE Confidence: 0.839654804705882

00:14:36.440 --> 00:14:37.480 you know very regimented.
NOTE Confidence: 0.839654804705882

00:14:37.480 --> 00:14:39.080 This was saying like what about a community.
NOTE Confidence: 0.839654804705882

00:14:39.080 --> 00:14:40.466 What if we built the community and
NOTE Confidence: 0.839654804705882

00:14:40.466 --> 00:14:41.935 the idea was in good faith people

NOTE Confidence: 0.839654804705882
00:14:41.935 --> 00:14:43.485 would fill out these the the service
NOTE Confidence: 0.839654804705882
00:14:43.485 --> 00:14:44.815 to characterize themselves and be
NOTE Confidence: 0.839654804705882
00:14:44.815 --> 00:14:46.840 willing to share them into the studies.
NOTE Confidence: 0.839654804705882
00:14:46.840 --> 00:14:48.760 But this just limits us a lot.
NOTE Confidence: 0.839654804705882
00:14:48.760 --> 00:14:49.234 So we,
NOTE Confidence: 0.839654804705882
00:14:49.234 --> 00:14:51.130 you know we have 1500 people but when
NOTE Confidence: 0.839654804705882
00:14:51.188 --> 00:14:53.468 you start getting down to the number of
NOTE Confidence: 0.839654804705882
00:14:53.468 --> 00:14:55.718 people who've actually provided information,
NOTE Confidence: 0.839654804705882
00:14:55.720 --> 00:14:56.840 we're we're at a much lower thing.
NOTE Confidence: 0.839654804705882
00:14:56.840 --> 00:14:58.307 So one of the questions we wanted to ask
NOTE Confidence: 0.839654804705882
00:14:58.307 --> 00:14:59.959 you was what should we be doing about this?
NOTE Confidence: 0.839654804705882
00:14:59.960 --> 00:15:00.980 How can we,
NOTE Confidence: 0.839654804705882
00:15:00.980 --> 00:15:03.360 how can we help to address this
NOTE Confidence: 0.839654804705882
00:15:03.448 --> 00:15:05.092 communicate and and also what
NOTE Confidence: 0.839654804705882
00:15:05.092 --> 00:15:06.520 should we be doing on our side.
NOTE Confidence: 0.839654804705882

00:15:06.520 --> 00:15:08.596 Maybe we should be doing preliminary
NOTE Confidence: 0.839654804705882

00:15:08.600 --> 00:15:10.320 preliminary analysis just to show
NOTE Confidence: 0.839654804705882

00:15:10.320 --> 00:15:12.332 good faith on our side of what
NOTE Confidence: 0.839654804705882

00:15:12.332 --> 00:15:13.354 it is we're we're trying to do.
NOTE Confidence: 0.839654804705882

00:15:13.360 --> 00:15:15.656 And at this point this is just
NOTE Confidence: 0.839654804705882

00:15:15.656 --> 00:15:17.331 simple characterization of of the
NOTE Confidence: 0.839654804705882

00:15:17.331 --> 00:15:19.353 cohort and it's also helping in
NOTE Confidence: 0.839654804705882

00:15:19.353 --> 00:15:21.645 the selection of people that are
NOTE Confidence: 0.839654804705882

00:15:21.645 --> 00:15:24.348 being sent to the lab so that that
NOTE Confidence: 0.839654804705882

00:15:24.348 --> 00:15:25.944 we can help select people who are
NOTE Confidence: 0.839654804705882

00:15:25.944 --> 00:15:27.718 going to get the immunophenotyping.
NOTE Confidence: 0.839654804705882

00:15:27.720 --> 00:15:29.888 But but the one of the other big
NOTE Confidence: 0.839654804705882

00:15:29.888 --> 00:15:31.725 things that's important is the way
NOTE Confidence: 0.839654804705882

00:15:31.725 --> 00:15:34.322 that it was working is we believe that
NOTE Confidence: 0.839654804705882

00:15:34.322 --> 00:15:36.562 it was very important to connect to
NOTE Confidence: 0.839654804705882

00:15:36.626 --> 00:15:38.771 the digital electronic health record

NOTE Confidence: 0.839654804705882
00:15:38.771 --> 00:15:41.400 data because that's also going to
NOTE Confidence: 0.839654804705882
00:15:41.400 --> 00:15:43.600 supplement the self reported information.
NOTE Confidence: 0.839654804705882
00:15:43.600 --> 00:15:46.022 And many of you have had an
NOTE Confidence: 0.839654804705882
00:15:46.022 --> 00:15:46.808 abundance of testing.
NOTE Confidence: 0.839654804705882
00:15:46.808 --> 00:15:48.696 Now some of that testing may have
NOTE Confidence: 0.839654804705882
00:15:48.696 --> 00:15:50.268 occurred in places that don't have
NOTE Confidence: 0.839654804705882
00:15:50.268 --> 00:15:52.000 portals or we can't connect you,
NOTE Confidence: 0.839654804705882
00:15:52.000 --> 00:15:54.840 but a lot of it has occurred within
NOTE Confidence: 0.839654804705882
00:15:54.840 --> 00:15:55.976 mainstream medical institutions
NOTE Confidence: 0.839654804705882
00:15:55.976 --> 00:15:58.118 which we can bring in to.
NOTE Confidence: 0.839654804705882
00:15:58.120 --> 00:16:00.780 So that again brings in your data
NOTE Confidence: 0.839654804705882
00:16:00.780 --> 00:16:02.840 assets and that you would then
NOTE Confidence: 0.839654804705882
00:16:02.840 --> 00:16:05.305 would be in a position to share
NOTE Confidence: 0.839654804705882
00:16:05.305 --> 00:16:07.350 into the listen study and and
NOTE Confidence: 0.839654804705882
00:16:07.350 --> 00:16:09.240 you know we're we're at a third,
NOTE Confidence: 0.839654804705882

00:16:09.240 --> 00:16:11.120 a little less than 1/3
NOTE Confidence: 0.9038843533333333

00:16:11.120 --> 00:16:14.393 of people have actually made even one
NOTE Confidence: 0.9038843533333333

00:16:14.393 --> 00:16:16.577 connection and you know many of you have
NOTE Confidence: 0.9038843533333333

00:16:16.577 --> 00:16:18.677 got connections in multiple places.
NOTE Confidence: 0.9038843533333333

00:16:18.680 --> 00:16:21.768 So again this is, this is not about
NOTE Confidence: 0.9038843533333333

00:16:21.768 --> 00:16:24.560 saying you know this isn't a criticism.
NOTE Confidence: 0.9038843533333333

00:16:24.560 --> 00:16:26.478 This is about I think if anything
NOTE Confidence: 0.9038843533333333

00:16:26.478 --> 00:16:28.677 we need to be working with Hugo.
NOTE Confidence: 0.9038843533333333

00:16:28.680 --> 00:16:32.000 We now yell hat working with Hugo team
NOTE Confidence: 0.9038843533333333

00:16:32.000 --> 00:16:33.928 to figure out like what would we what
NOTE Confidence: 0.9038843533333333

00:16:33.928 --> 00:16:36.112 would we have to do to get people to you
NOTE Confidence: 0.9038843533333333

00:16:36.112 --> 00:16:38.200 know get this number up to 80 or 90%.
NOTE Confidence: 0.9038843533333333

00:16:38.200 --> 00:16:40.224 So that all the people who are in
NOTE Confidence: 0.9038843533333333

00:16:40.224 --> 00:16:41.825 listen we've got data that's streaming
NOTE Confidence: 0.9038843533333333

00:16:41.825 --> 00:16:43.875 in that we can again with your
NOTE Confidence: 0.9038843533333333

00:16:43.875 --> 00:16:45.831 permission and and when you're giving

NOTE Confidence: 0.9038843533333333
00:16:45.831 --> 00:16:47.320 permission into the study you're
NOTE Confidence: 0.9038843533333333
00:16:47.320 --> 00:16:49.240 giving it for the singular purpose
NOTE Confidence: 0.9038843533333333
00:16:49.240 --> 00:16:51.597 that you know we're doing this study.
NOTE Confidence: 0.9038843533333333
00:16:51.600 --> 00:16:53.406 So again it's not like you know
NOTE Confidence: 0.9038843533333333
00:16:53.406 --> 00:16:55.461 the data goes into Yale study and
NOTE Confidence: 0.9038843533333333
00:16:55.461 --> 00:16:56.981 then again no one's monetizing
NOTE Confidence: 0.9038843533333333
00:16:56.981 --> 00:16:58.960 no one's trading on your stuff.
NOTE Confidence: 0.9038843533333333
00:16:58.960 --> 00:17:01.683 It's about trying to just move as
NOTE Confidence: 0.9038843533333333
00:17:01.683 --> 00:17:04.362 rapidly as possible to to try to get
NOTE Confidence: 0.9038843533333333
00:17:04.362 --> 00:17:06.410 some answers and to to there's another
NOTE Confidence: 0.9038843533333333
00:17:06.410 --> 00:17:08.828 agenda I have by the way which is
NOTE Confidence: 0.9038843533333333
00:17:08.828 --> 00:17:10.592 raising awareness with real data about
NOTE Confidence: 0.9038843533333333
00:17:10.592 --> 00:17:12.598 the real life experience of people.
NOTE Confidence: 0.9038843533333333
00:17:12.600 --> 00:17:15.112 I mean not saying if we want to
NOTE Confidence: 0.9038843533333333
00:17:15.112 --> 00:17:17.031 position ourselves to really be able
NOTE Confidence: 0.9038843533333333

00:17:17.031 --> 00:17:19.148 to make these insights and then we
NOTE Confidence: 0.9038843533333333

00:17:19.148 --> 00:17:21.525 need to be getting all this stuff lined
NOTE Confidence: 0.9038843533333333

00:17:21.525 --> 00:17:24.118 up and and and getting it to work.
NOTE Confidence: 0.9038843533333333

00:17:24.120 --> 00:17:24.858 There's also,
NOTE Confidence: 0.9038843533333333

00:17:24.858 --> 00:17:27.072 I'll just signal that at least
NOTE Confidence: 0.9038843533333333

00:17:27.072 --> 00:17:29.040 on the long COVID side,
NOTE Confidence: 0.9038843533333333

00:17:29.040 --> 00:17:31.152 we hope that we you know are going
NOTE Confidence: 0.9038843533333333

00:17:31.152 --> 00:17:33.864 to be able to launch but still
NOTE Confidence: 0.9038843533333333

00:17:33.864 --> 00:17:36.560 relatively small trial Paxlovid for
NOTE Confidence: 0.9038843533333333

00:17:36.560 --> 00:17:39.320 long COVID extended dose 15 days.
NOTE Confidence: 0.9038843533333333

00:17:39.320 --> 00:17:40.500 I'm just saying that because
NOTE Confidence: 0.9038843533333333

00:17:40.500 --> 00:17:41.680 it's in the public record,
NOTE Confidence: 0.9038843533333333

00:17:41.680 --> 00:17:42.850 it's on clinicaltrials.gov
NOTE Confidence: 0.9038843533333333

00:17:42.850 --> 00:17:44.800 I'm restricted by the RB,
NOTE Confidence: 0.9038843533333333

00:17:44.800 --> 00:17:45.985 They're just approving now like
NOTE Confidence: 0.9038843533333333

00:17:45.985 --> 00:17:47.440 what we can go public with.

NOTE Confidence: 0.9038843533333333
00:17:47.440 --> 00:17:50.233 So saying this will also be important
NOTE Confidence: 0.9038843533333333
00:17:50.233 --> 00:17:52.573 because people coming in the trial will
NOTE Confidence: 0.9038843533333333
00:17:52.573 --> 00:17:54.597 need to be connected to the records and
NOTE Confidence: 0.9038843533333333
00:17:54.597 --> 00:17:56.920 and also filling out surveys and so forth.
NOTE Confidence: 0.9038843533333333
00:17:56.920 --> 00:17:58.114 And so we need to get
NOTE Confidence: 0.9038843533333333
00:17:58.114 --> 00:17:59.360 smart about how to do this.
NOTE Confidence: 0.9038843533333333
00:17:59.360 --> 00:18:01.280 Otherwise the research won't be,
NOTE Confidence: 0.9038843533333333
00:18:01.280 --> 00:18:02.090 won't be respected,
NOTE Confidence: 0.9038843533333333
00:18:02.090 --> 00:18:03.440 won't we will have trouble
NOTE Confidence: 0.9038843533333333
00:18:03.440 --> 00:18:04.280 getting attention to IT.
NOTE Confidence: 0.9038843533333333
00:18:04.280 --> 00:18:05.950 People will think this method
NOTE Confidence: 0.9038843533333333
00:18:05.950 --> 00:18:08.319 doesn't work as well as it should.
NOTE Confidence: 0.9038843533333333
00:18:08.320 --> 00:18:10.161 They and we should be defaulting back
NOTE Confidence: 0.9038843533333333
00:18:10.161 --> 00:18:12.323 to the old days of very hierarchical
NOTE Confidence: 0.9038843533333333
00:18:12.323 --> 00:18:14.297 approaches and not one where we're
NOTE Confidence: 0.9038843533333333

00:18:14.352 --> 00:18:15.825 really working with the community.
NOTE Confidence: 0.9038843533333333

00:18:15.825 --> 00:18:17.800 So they will go around and burn alley.
NOTE Confidence: 0.9038843533333333

00:18:17.800 --> 00:18:20.194 Also maybe you can say a word or two
NOTE Confidence: 0.9038843533333333

00:18:20.194 --> 00:18:22.581 about just to to people can know that
NOTE Confidence: 0.9038843533333333

00:18:22.581 --> 00:18:25.768 we're inviting people to for the Bloods.
NOTE Confidence: 0.9038843533333333

00:18:25.768 --> 00:18:28.040 But the, you know,
NOTE Confidence: 0.9038843533333333

00:18:28.040 --> 00:18:29.180 one of the things that I'll
NOTE Confidence: 0.9038843533333333

00:18:29.180 --> 00:18:30.280 say a couple quick things,
NOTE Confidence: 0.9038843533333333

00:18:30.280 --> 00:18:31.276 One of the things that's true,
NOTE Confidence: 0.9038843533333333

00:18:31.280 --> 00:18:32.144 by the way,
NOTE Confidence: 0.9038843533333333

00:18:32.144 --> 00:18:34.300 is that we have a really interesting
NOTE Confidence: 0.9038843533333333

00:18:34.300 --> 00:18:35.248 community that's assembled
NOTE Confidence: 0.9038843533333333

00:18:35.248 --> 00:18:37.039 both in Kindred and in Listen.
NOTE Confidence: 0.9038843533333333

00:18:37.040 --> 00:18:39.318 And I I'd say that because generally
NOTE Confidence: 0.9038843533333333

00:18:39.318 --> 00:18:41.592 very activated even though I'm bringing
NOTE Confidence: 0.9038843533333333

00:18:41.592 --> 00:18:43.760 up this issue about completion,

NOTE Confidence: 0.9038843533333333
00:18:43.760 --> 00:18:45.768 we have heard from a lot of people
NOTE Confidence: 0.9038843533333333
00:18:45.768 --> 00:18:47.360 there's a lot of engagement.
NOTE Confidence: 0.96578479
00:18:47.360 --> 00:18:48.132 And by the way,
NOTE Confidence: 0.96578479
00:18:48.132 --> 00:18:49.840 this is a group that is suffering.
NOTE Confidence: 0.96578479
00:18:49.840 --> 00:18:52.528 I mean when we look at their overall
NOTE Confidence: 0.96578479
00:18:52.528 --> 00:18:54.312 health scores that you know it's
NOTE Confidence: 0.96578479
00:18:54.312 --> 00:18:56.310 reflective of what you guys have in
NOTE Confidence: 0.96578479
00:18:56.310 --> 00:18:57.912 your lived experience if the nation
NOTE Confidence: 0.96578479
00:18:57.912 --> 00:18:59.933 if you ask people remember the one
NOTE Confidence: 0.96578479
00:18:59.933 --> 00:19:02.024 that was like say what your health
NOTE Confidence: 0.96578479
00:19:02.024 --> 00:19:04.744 is from zero to 100 and if you did
NOTE Confidence: 0.96578479
00:19:04.744 --> 00:19:06.790 that in the nation at large we would
NOTE Confidence: 0.96578479
00:19:06.790 --> 00:19:08.115 some people have chronic conditions
NOTE Confidence: 0.96578479
00:19:08.115 --> 00:19:10.557 over the unit you end up in the 80s
NOTE Confidence: 0.96578479
00:19:10.557 --> 00:19:12.067 on average just as representative
NOTE Confidence: 0.96578479

00:19:12.067 --> 00:19:14.368 sample people in the United States.
NOTE Confidence: 0.96578479

00:19:14.368 --> 00:19:17.518 But if you but in our group we were
NOTE Confidence: 0.96578479

00:19:17.518 --> 00:19:19.888 around 50 around 50 it's it's profoundly
NOTE Confidence: 0.96578479

00:19:19.888 --> 00:19:21.960 depressed no surprise to anyone here.
NOTE Confidence: 0.96578479

00:19:21.960 --> 00:19:23.688 I mean I'm not telling anything
NOTE Confidence: 0.96578479

00:19:23.688 --> 00:19:25.888 you don't know but it's it is of
NOTE Confidence: 0.96578479

00:19:25.888 --> 00:19:28.014 note that that we've we've brought
NOTE Confidence: 0.96578479

00:19:28.014 --> 00:19:29.743 together a lot of people who are
NOTE Confidence: 0.96578479

00:19:29.743 --> 00:19:31.072 suffering and that's why I think
NOTE Confidence: 0.96578479

00:19:31.072 --> 00:19:32.636 when we hear the stories we interact
NOTE Confidence: 0.96578479

00:19:32.636 --> 00:19:34.316 with people who are in this position.
NOTE Confidence: 0.96578479

00:19:34.320 --> 00:19:36.440 We really want to to make a difference.
NOTE Confidence: 0.96578479

00:19:36.440 --> 00:19:38.120 So that that we should be asking.
NOTE Confidence: 0.96578479

00:19:38.120 --> 00:19:40.496 I one of the intents in the beginning
NOTE Confidence: 0.96578479

00:19:40.496 --> 00:19:42.927 on the Kindred side was to hear like
NOTE Confidence: 0.96578479

00:19:42.927 --> 00:19:44.072 here's some really important things

NOTE Confidence: 0.96578479

00:19:44.072 --> 00:19:45.537 that we should be learning and seeing

NOTE Confidence: 0.96578479

00:19:45.537 --> 00:19:47.120 if we can put out new questions.

NOTE Confidence: 0.96578479

00:19:47.120 --> 00:19:48.752 But we're worried about doing that

NOTE Confidence: 0.96578479

00:19:48.752 --> 00:19:50.418 given that we're having trouble getting

NOTE Confidence: 0.96578479

00:19:50.418 --> 00:19:52.273 people fill out the one basic ones.

NOTE Confidence: 0.96578479

00:19:52.280 --> 00:19:54.392 This idea about the smaller subgroups

NOTE Confidence: 0.96578479

00:19:54.392 --> 00:19:56.574 of people who've got you know a

NOTE Confidence: 0.96578479

00:19:56.574 --> 00:19:58.380 whole group of people having a town

NOTE Confidence: 0.96578479

00:19:58.441 --> 00:20:00.223 hall for example for people with

NOTE Confidence: 0.96578479

00:20:00.223 --> 00:20:01.952 with internal tremors and vibrations

NOTE Confidence: 0.96578479

00:20:01.952 --> 00:20:04.449 and talking about like what can we

NOTE Confidence: 0.96578479

00:20:04.449 --> 00:20:06.437 do to move this group forward even

NOTE Confidence: 0.96578479

00:20:06.437 --> 00:20:08.639 though it'll be smaller and and then

NOTE Confidence: 0.96578479

00:20:08.639 --> 00:20:10.637 also just alerting you like that.

NOTE Confidence: 0.96578479

00:20:10.640 --> 00:20:12.686 We are beginning this issue with

NOTE Confidence: 0.96578479

00:20:12.686 --> 00:20:15.198 the labs and and reaching out to

NOTE Confidence: 0.96578479

00:20:15.198 --> 00:20:17.440 some people and and I I know some

NOTE Confidence: 0.96578479

00:20:17.440 --> 00:20:18.600 people expressed interest in this.

NOTE Confidence: 0.96578479

00:20:18.600 --> 00:20:19.468 I think that's great.

NOTE Confidence: 0.96578479

00:20:19.468 --> 00:20:20.553 We love hearing from you.

NOTE Confidence: 0.96578479

00:20:20.560 --> 00:20:23.008 We're also just in the beginning

NOTE Confidence: 0.96578479

00:20:23.008 --> 00:20:24.640 trying to identify some.

NOTE Confidence: 0.96578479

00:20:24.640 --> 00:20:26.376 You you were trying to get good at

NOTE Confidence: 0.96578479

00:20:26.376 --> 00:20:28.050 this and mostly the workflow not the

NOTE Confidence: 0.96578479

00:20:28.050 --> 00:20:30.261 lab is good at this but I mean the

NOTE Confidence: 0.96578479

00:20:30.261 --> 00:20:31.713 the challenge is the workflow how

NOTE Confidence: 0.96578479

00:20:31.720 --> 00:20:33.603 do we identify people and to bring

NOTE Confidence: 0.96578479

00:20:33.603 --> 00:20:35.441 them across and the many of you ask

NOTE Confidence: 0.96578479

00:20:35.441 --> 00:20:37.221 can I get all of that information

NOTE Confidence: 0.96578479

00:20:37.221 --> 00:20:39.168 back and I I should make a comment

NOTE Confidence: 0.96578479

00:20:39.168 --> 00:20:40.960 about that which is we want to share

NOTE Confidence: 0.96578479

00:20:40.960 --> 00:20:42.520 as much as possible with everyone.

NOTE Confidence: 0.96578479

00:20:42.520 --> 00:20:45.730 But we again the regulatory environment

NOTE Confidence: 0.96578479

00:20:45.730 --> 00:20:48.080 prohibits us from sharing some things back.

NOTE Confidence: 0.96578479

00:20:48.080 --> 00:20:51.118 So when they are lab test experimental

NOTE Confidence: 0.96578479

00:20:51.120 --> 00:20:52.456 the the regulatory authorities

NOTE Confidence: 0.96578479

00:20:52.456 --> 00:20:55.000 and the IRB is an example of this.

NOTE Confidence: 0.96578479

00:20:55.000 --> 00:20:57.846 But you know it has said they're

NOTE Confidence: 0.96578479

00:20:57.846 --> 00:20:59.848 worried that because we we're not at

NOTE Confidence: 0.96578479

00:20:59.848 --> 00:21:02.040 the same standards of a clinical test,

NOTE Confidence: 0.96578479

00:21:02.040 --> 00:21:03.445 right they're laboratory time we're

NOTE Confidence: 0.96578479

00:21:03.445 --> 00:21:05.168 doing thousands of them and they're

NOTE Confidence: 0.96578479

00:21:05.168 --> 00:21:06.508 worried people may make decisions

NOTE Confidence: 0.96578479

00:21:06.508 --> 00:21:08.350 based on lab tests that they that

NOTE Confidence: 0.96578479

00:21:08.350 --> 00:21:09.796 that really aren't ready for prime

NOTE Confidence: 0.96578479

00:21:09.796 --> 00:21:12.800 time yet with regard to clinical use.

NOTE Confidence: 0.96578479

00:21:12.800 --> 00:21:14.640 And so we our hands are tied for
NOTE Confidence: 0.96578479

00:21:14.640 --> 00:21:15.100 some things
NOTE Confidence: 0.92777373037037

00:21:15.162 --> 00:21:17.298 don't think it's for lack of interest in
NOTE Confidence: 0.92777373037037

00:21:17.298 --> 00:21:19.354 being able to return as much as we can,
NOTE Confidence: 0.92777373037037

00:21:19.360 --> 00:21:22.456 but we can return some things and and we we
NOTE Confidence: 0.92777373037037

00:21:22.456 --> 00:21:24.319 are we're going to return everything we can.
NOTE Confidence: 0.92777373037037

00:21:24.320 --> 00:21:26.882 But but just know that that the
NOTE Confidence: 0.92777373037037

00:21:26.882 --> 00:21:29.636 constraints are not our our wish to do it.
NOTE Confidence: 0.92777373037037

00:21:29.640 --> 00:21:32.240 The constraints are our mandate
NOTE Confidence: 0.92777373037037

00:21:32.240 --> 00:21:34.320 to be regulatorily compliant.
NOTE Confidence: 0.92777373037037

00:21:34.320 --> 00:21:36.960 So that that's where we have to do
NOTE Confidence: 0.92777373037037

00:21:36.960 --> 00:21:38.391 that we can be what we can try to
NOTE Confidence: 0.92777373037037

00:21:38.391 --> 00:21:39.927 be clear about this and show you
NOTE Confidence: 0.92777373037037

00:21:39.927 --> 00:21:41.439 what can be returned and so forth.
NOTE Confidence: 0.92777373037037

00:21:41.440 --> 00:21:42.916 I mean those are all things.
NOTE Confidence: 0.92777373037037

00:21:42.920 --> 00:21:43.334 I don't know.

NOTE Confidence: 0.92777373037037

00:21:43.334 --> 00:21:44.600 I didn't mean to pick on you Bernali.

NOTE Confidence: 0.92777373037037

00:21:44.600 --> 00:21:46.256 I mean if you want to say anything

NOTE Confidence: 0.92777373037037

00:21:46.256 --> 00:21:48.080 about what we're doing or and I want

NOTE Confidence: 0.92777373037037

00:21:48.133 --> 00:21:49.678 to then hand over to Kiko to make

NOTE Confidence: 0.92777373037037

00:21:49.678 --> 00:21:51.344 any comments that that she wants to

NOTE Confidence: 0.92777373037037

00:21:51.344 --> 00:21:53.119 make or say saw her and so forth.

NOTE Confidence: 0.92777373037037

00:21:53.120 --> 00:21:53.888 But anyway,

NOTE Confidence: 0.92777373037037

00:21:53.888 --> 00:21:56.960 again I get one to express deep gratitude.

NOTE Confidence: 0.92777373037037

00:21:56.960 --> 00:21:59.040 Let some others just say a few words

NOTE Confidence: 0.92777373037037

00:21:59.040 --> 00:22:01.119 and then maybe we can just pick out some

NOTE Confidence: 0.92777373037037

00:22:01.119 --> 00:22:03.048 things that may be coming across on

NOTE Confidence: 0.92777373037037

00:22:03.048 --> 00:22:05.640 the chat that that that we can talk about.

NOTE Confidence: 0.92777373037037

00:22:05.640 --> 00:22:07.760 But thank you so much.

NOTE Confidence: 0.92777373037037

00:22:07.760 --> 00:22:08.972 And and there's one more thing

NOTE Confidence: 0.92777373037037

00:22:08.972 --> 00:22:10.079 which is there is a web.

NOTE Confidence: 0.92777373037037

00:22:10.080 --> 00:22:11.004 There's a e-mail.
NOTE Confidence: 0.92777373037037

00:22:11.004 --> 00:22:13.904 Many of you know it already but but I know
NOTE Confidence: 0.92777373037037

00:22:13.904 --> 00:22:16.856 say sorry, the e-mail is listenstudy@el.edu,
NOTE Confidence: 0.92777373037037

00:22:16.856 --> 00:22:17.864 isn't that it?
NOTE Confidence: 0.92777373037037

00:22:17.864 --> 00:22:18.408 That's correct.
NOTE Confidence: 0.92777373037037

00:22:18.408 --> 00:22:19.640 I'll put it in the chat.
NOTE Confidence: 0.92777373037037

00:22:19.640 --> 00:22:20.840 You'll put it in the chat.
NOTE Confidence: 0.92777373037037

00:22:20.840 --> 00:22:22.835 So you know we're we're not afraid
NOTE Confidence: 0.92777373037037

00:22:22.835 --> 00:22:25.118 to have a lot of people e-mail.
NOTE Confidence: 0.92777373037037

00:22:25.120 --> 00:22:26.792 So it's and we do our best you
NOTE Confidence: 0.92777373037037

00:22:26.792 --> 00:22:28.413 know that it's hard sometimes to
NOTE Confidence: 0.92777373037037

00:22:28.413 --> 00:22:30.135 keep up with with everything but
NOTE Confidence: 0.92777373037037

00:22:30.194 --> 00:22:31.913 we do our best to try to do that.
NOTE Confidence: 0.92777373037037

00:22:31.920 --> 00:22:33.292 I know maybe I should go to you, Kiko, next.
NOTE Confidence: 0.92777373037037

00:22:33.292 --> 00:22:35.300 Do you want to and go ahead.
NOTE Confidence: 0.92777373037037

00:22:35.300 --> 00:22:36.680 You're the really most people

NOTE Confidence: 0.92777373037037

00:22:36.680 --> 00:22:37.800 joined to hear you, not me.

NOTE Confidence: 0.7980143525

00:22:39.200 --> 00:22:40.200 Well, thank you. Thank

NOTE Confidence: 0.858402271428571

00:22:40.200 --> 00:22:43.595 you so much, Harlan, for the great

NOTE Confidence: 0.858402271428571

00:22:43.600 --> 00:22:45.520 description of what's happening.

NOTE Confidence: 0.858402271428571

00:22:45.520 --> 00:22:48.280 And I also enrolled in Listen.

NOTE Confidence: 0.858402271428571

00:22:48.280 --> 00:22:51.040 And I've also, you know,

NOTE Confidence: 0.858402271428571

00:22:51.040 --> 00:22:52.790 struggled to kind of fill out the

NOTE Confidence: 0.858402271428571

00:22:52.790 --> 00:22:54.856 forms in a timely manner because I

NOTE Confidence: 0.858402271428571

00:22:54.856 --> 00:22:57.116 wasn't checking the e-mail or I wasn't

NOTE Confidence: 0.858402271428571

00:22:57.116 --> 00:22:59.356 checking the right websites and so on.

NOTE Confidence: 0.858402271428571

00:22:59.360 --> 00:23:00.720 But eventually I was able

NOTE Confidence: 0.858402271428571

00:23:00.720 --> 00:23:02.080 to fill all the surveys.

NOTE Confidence: 0.858402271428571

00:23:02.080 --> 00:23:04.960 So it is it may not be very intuitive

NOTE Confidence: 0.858402271428571

00:23:04.960 --> 00:23:07.097 because when you first log in you

NOTE Confidence: 0.858402271428571

00:23:07.097 --> 00:23:09.758 may not see all the surveys at once.

NOTE Confidence: 0.858402271428571

00:23:09.760 --> 00:23:11.505 It's like giving sequentially and
NOTE Confidence: 0.858402271428571

00:23:11.505 --> 00:23:14.235 so you would have to kind of follow
NOTE Confidence: 0.858402271428571

00:23:14.235 --> 00:23:16.363 you know fill out one survey and
NOTE Confidence: 0.858402271428571

00:23:16.432 --> 00:23:18.440 then to the next and and so on.
NOTE Confidence: 0.858402271428571

00:23:18.440 --> 00:23:21.416 So I I sort of I'm also experiencing
NOTE Confidence: 0.858402271428571

00:23:21.416 --> 00:23:23.639 what you've gone through together
NOTE Confidence: 0.858402271428571

00:23:23.639 --> 00:23:27.672 and I'm also going to be you know
NOTE Confidence: 0.858402271428571

00:23:27.672 --> 00:23:29.990 providing my biospecimen next week.
NOTE Confidence: 0.858402271428571

00:23:29.990 --> 00:23:32.120 So I'm very excited about that.
NOTE Confidence: 0.858402271428571

00:23:32.120 --> 00:23:32.399 So I'll be
NOTE Confidence: 0.594285218461538

00:23:32.400 --> 00:23:33.982 able to, I just want to interrupt
NOTE Confidence: 0.594285218461538

00:23:33.982 --> 00:23:35.280 one second because we did change
NOTE Confidence: 0.594285218461538

00:23:35.280 --> 00:23:36.608 the survey thing just so people
NOTE Confidence: 0.594285218461538

00:23:36.608 --> 00:23:38.248 know it's been updated just
NOTE Confidence: 0.594285218461538

00:23:38.248 --> 00:23:39.560 because of everyone's experience.
NOTE Confidence: 0.594285218461538

00:23:39.560 --> 00:23:42.276 So now when people enroll and listen,

NOTE Confidence: 0.594285218461538
00:23:42.280 --> 00:23:43.840 they'll get or when they enroll in Kindred,
NOTE Confidence: 0.594285218461538
00:23:43.840 --> 00:23:45.760 they get the baseline survey.
NOTE Confidence: 0.594285218461538
00:23:45.760 --> 00:23:47.360 And once they've completed the
NOTE Confidence: 0.594285218461538
00:23:47.360 --> 00:23:48.714 baseline survey within 24 hours,
NOTE Confidence: 0.594285218461538
00:23:48.714 --> 00:23:50.380 all the other surveys will come in
NOTE Confidence: 0.594285218461538
00:23:50.431 --> 00:23:52.159 and they can answer them at any time.
NOTE Confidence: 0.594285218461538
00:23:52.160 --> 00:23:54.640 And the story survey is now a diary.
NOTE Confidence: 0.594285218461538
00:23:54.640 --> 00:23:57.358 It stays in their task list at all time,
NOTE Confidence: 0.594285218461538
00:23:57.360 --> 00:23:58.131 you know forever.
NOTE Confidence: 0.594285218461538
00:23:58.131 --> 00:23:59.673 So people can continually update that.
NOTE Confidence: 0.594285218461538
00:23:59.680 --> 00:24:00.936 So just to clarify,
NOTE Confidence: 0.594285218461538
00:24:00.936 --> 00:24:02.924 we actually heard everybody's issues and
NOTE Confidence: 0.594285218461538
00:24:02.924 --> 00:24:05.360 we've we hopefully have fixed that problem.
NOTE Confidence: 0.594285218461538
00:24:05.360 --> 00:24:07.796 So thank you for feedback from everyone
NOTE Confidence: 0.9330106333333333
00:24:07.920 --> 00:24:09.318 on that. Yeah.
NOTE Confidence: 0.920184718

00:24:09.320 --> 00:24:11.600 Thank you, Leslie. That's great.
NOTE Confidence: 0.920184718

00:24:11.600 --> 00:24:12.885 So it's already been updated
NOTE Confidence: 0.920184718

00:24:12.885 --> 00:24:15.800 and improved. Wonderful. Yeah.
NOTE Confidence: 0.893582685

00:24:15.920 --> 00:24:18.878 And so with respect to what
NOTE Confidence: 0.9017430425

00:24:19.000 --> 00:24:20.300 the data that we already
NOTE Confidence: 0.9017430425

00:24:20.300 --> 00:24:22.146 have from you, thank you.
NOTE Confidence: 0.9017430425

00:24:22.146 --> 00:24:25.825 We are starting to sample and recruit
NOTE Confidence: 0.9017430425

00:24:25.825 --> 00:24:30.280 some of you to look at vaccine injury.
NOTE Confidence: 0.9017430425

00:24:30.280 --> 00:24:33.310 We you know we're also needing
NOTE Confidence: 0.9017430425

00:24:33.310 --> 00:24:35.824 more controls that's sort of where
NOTE Confidence: 0.9017430425

00:24:35.824 --> 00:24:37.880 the kind of hurdle is right now.
NOTE Confidence: 0.9017430425

00:24:37.880 --> 00:24:40.505 We, we have a lot of great people who've
NOTE Confidence: 0.9017430425

00:24:40.505 --> 00:24:42.875 contributed to the vaccine injury group.
NOTE Confidence: 0.9017430425

00:24:42.880 --> 00:24:44.435 There's over 300 people who
NOTE Confidence: 0.9017430425

00:24:44.435 --> 00:24:45.679 are already enrolled in.
NOTE Confidence: 0.9017430425

00:24:45.680 --> 00:24:48.920 Listen, the controls are increasing.

NOTE Confidence: 0.9017430425

00:24:48.920 --> 00:24:51.475 Thank you to all the people who

NOTE Confidence: 0.9017430425

00:24:51.475 --> 00:24:53.480 are enrolling as a control group,

NOTE Confidence: 0.9017430425

00:24:53.480 --> 00:24:55.160 but we need more.

NOTE Confidence: 0.9017430425

00:24:55.160 --> 00:24:57.712 So if you could, you know,

NOTE Confidence: 0.9017430425

00:24:57.712 --> 00:25:00.764 ask your friends or family or whoever

NOTE Confidence: 0.9017430425

00:25:00.764 --> 00:25:03.080 to consider enrolling in this study,

NOTE Confidence: 0.9017430425

00:25:03.080 --> 00:25:04.552 that would be great.

NOTE Confidence: 0.9017430425

00:25:04.552 --> 00:25:06.392 And then there are some,

NOTE Confidence: 0.9017430425

00:25:06.400 --> 00:25:06.840 you know,

NOTE Confidence: 0.815083955

00:25:06.960 --> 00:25:08.920 so we are working

NOTE Confidence: 0.93785179125

00:25:09.120 --> 00:25:11.520 around the clock as much as we can.

NOTE Confidence: 0.93785179125

00:25:11.520 --> 00:25:13.480 But there are some things that take time.

NOTE Confidence: 0.93785179125

00:25:13.480 --> 00:25:15.610 For example, we have to collect

NOTE Confidence: 0.93785179125

00:25:15.610 --> 00:25:17.540 enough samples to do certain assays.

NOTE Confidence: 0.93785179125

00:25:17.540 --> 00:25:21.076 So we can some of the assays we do real time.

NOTE Confidence: 0.93785179125

00:25:21.080 --> 00:25:22.599 As soon as we get the samples,
NOTE Confidence: 0.93785179125

00:25:22.600 --> 00:25:24.168 we can measure them.
NOTE Confidence: 0.93785179125

00:25:24.168 --> 00:25:27.997 But others we would need to do it in batches,
NOTE Confidence: 0.93785179125

00:25:28.000 --> 00:25:31.318 hopefully one batch to be able to
NOTE Confidence: 0.93785179125

00:25:31.320 --> 00:25:34.200 compare one value versus another.
NOTE Confidence: 0.93785179125

00:25:34.200 --> 00:25:36.195 And those things work accumulating
NOTE Confidence: 0.93785179125

00:25:36.195 --> 00:25:38.841 until we have enough samples so we
NOTE Confidence: 0.93785179125

00:25:38.841 --> 00:25:40.599 can do those types of analysis.
NOTE Confidence: 0.93785179125

00:25:40.600 --> 00:25:44.156 So for everything to come together to
NOTE Confidence: 0.93785179125

00:25:44.160 --> 00:25:47.168 inform us and to be able to analyze
NOTE Confidence: 0.93785179125

00:25:47.168 --> 00:25:49.255 that group vaccine injury versus
NOTE Confidence: 0.93785179125

00:25:49.255 --> 00:25:51.480 long COVID versus healthy control,
NOTE Confidence: 0.93785179125

00:25:51.480 --> 00:25:54.640 these are going to take a little while.
NOTE Confidence: 0.93785179125

00:25:54.640 --> 00:25:56.680 So please bear with us.
NOTE Confidence: 0.93785179125

00:25:56.680 --> 00:25:59.520 You know it it research is unfortunately
NOTE Confidence: 0.93785179125

00:25:59.520 --> 00:26:01.920 cannot be done instantaneously,

NOTE Confidence: 0.93785179125

00:26:01.920 --> 00:26:02.920 but we're doing it very,

NOTE Confidence: 0.93785179125

00:26:02.920 --> 00:26:05.044 very carefully and collecting

NOTE Confidence: 0.93785179125

00:26:05.044 --> 00:26:06.637 enough matched controls.

NOTE Confidence: 0.93785179125

00:26:06.640 --> 00:26:07.560 And Bornale

NOTE Confidence: 0.483108562

00:26:07.560 --> 00:26:08.760 is the hero in that

NOTE Confidence: 0.836159516

00:26:10.120 --> 00:26:11.596 he's really amazing.

NOTE Confidence: 0.836159516

00:26:11.596 --> 00:26:14.056 She's looking through the data

NOTE Confidence: 0.836159516

00:26:14.056 --> 00:26:17.028 to find people who are suitable

NOTE Confidence: 0.836159516

00:26:17.028 --> 00:26:19.396 matches for the vaccine injury group

NOTE Confidence: 0.836159516

00:26:19.396 --> 00:26:21.440 as well as the long COVID group.

NOTE Confidence: 0.836159516

00:26:21.440 --> 00:26:23.640 So yeah, we're very excited.

NOTE Confidence: 0.836159516

00:26:23.640 --> 00:26:25.872 We've also, I know that some of you

NOTE Confidence: 0.836159516

00:26:25.872 --> 00:26:27.917 asked about the micro clot analysis.

NOTE Confidence: 0.836159516

00:26:27.920 --> 00:26:31.160 We have began to do that for the cohort.

NOTE Confidence: 0.836159516

00:26:31.160 --> 00:26:33.672 So now we are doing things that are

NOTE Confidence: 0.836159516

00:26:33.672 --> 00:26:36.388 already in the preprint as well as
NOTE Confidence: 0.836159516

00:26:36.388 --> 00:26:38.403 micro clots and platelet activation
NOTE Confidence: 0.836159516

00:26:38.475 --> 00:26:40.797 analysis that's done in real time.
NOTE Confidence: 0.836159516

00:26:40.800 --> 00:26:43.840 So we are also looking at some of
NOTE Confidence: 0.836159516

00:26:43.840 --> 00:26:46.020 those things and you know we'll be
NOTE Confidence: 0.836159516

00:26:46.020 --> 00:26:47.732 accumulating of course more number in
NOTE Confidence: 0.836159516

00:26:47.732 --> 00:26:49.874 order to be able to share anything with you.
NOTE Confidence: 0.836159516

00:26:49.880 --> 00:26:53.688 But just know that we are incorporating
NOTE Confidence: 0.836159516

00:26:53.688 --> 00:26:56.626 newer things like that as well
NOTE Confidence: 0.836159516

00:26:56.626 --> 00:26:58.691 as looking at circulating spike
NOTE Confidence: 0.836159516

00:26:58.691 --> 00:27:00.550 protein and other aspects.
NOTE Confidence: 0.836159516

00:27:00.550 --> 00:27:03.640 So we are adapting and we
NOTE Confidence: 0.836159516

00:27:03.640 --> 00:27:05.120 are incorporating new,
NOTE Confidence: 0.836159516

00:27:05.120 --> 00:27:07.328 new ideas and new things that
NOTE Confidence: 0.836159516

00:27:07.328 --> 00:27:09.200 are suggested by you as well
NOTE Confidence: 0.836159516

00:27:09.200 --> 00:27:10.200 as others in the field.

NOTE Confidence: 0.836159516
00:27:10.200 --> 00:27:10.280 You
NOTE Confidence: 0.3165660833333333
00:27:13.360 --> 00:27:14.038 want to comment,
NOTE Confidence: 0.731962654
00:27:14.720 --> 00:27:16.320 yeah, just the only thing.
NOTE Confidence: 0.731962654
00:27:16.320 --> 00:27:18.777 So for the subset that we are
NOTE Confidence: 0.731962654
00:27:18.777 --> 00:27:20.680 selecting for sample collection,
NOTE Confidence: 0.731962654
00:27:20.680 --> 00:27:22.640 so after the biospecimen collection,
NOTE Confidence: 0.731962654
00:27:22.640 --> 00:27:23.956 on the same day,
NOTE Confidence: 0.731962654
00:27:23.956 --> 00:27:25.930 we actually send you 2 surveys
NOTE Confidence: 0.731962654
00:27:26.000 --> 00:27:28.240 which we request you to fill in.
NOTE Confidence: 0.731962654
00:27:28.240 --> 00:27:29.950 It's very helpful because we get
NOTE Confidence: 0.731962654
00:27:29.950 --> 00:27:31.520 to know your present status.
NOTE Confidence: 0.731962654
00:27:31.520 --> 00:27:33.848 So it would be very nice if you
NOTE Confidence: 0.731962654
00:27:33.848 --> 00:27:35.587 comply with the study design
NOTE Confidence: 0.731962654
00:27:35.587 --> 00:27:37.753 and also fill up those surveys.
NOTE Confidence: 0.731962654
00:27:37.760 --> 00:27:39.520 And as Akiko has mentioned,
NOTE Confidence: 0.731962654

00:27:39.520 --> 00:27:41.536 we are selecting A subset right now

NOTE Confidence: 0.731962654

00:27:41.536 --> 00:27:43.865 in order to do the collection and

NOTE Confidence: 0.731962654

00:27:43.865 --> 00:27:45.880 we definitely need more controls

NOTE Confidence: 0.731962654

00:27:45.880 --> 00:27:48.235 to do proper statistical analysis

NOTE Confidence: 0.731962654

00:27:48.235 --> 00:27:50.560 before we tell you anything.

NOTE Confidence: 0.731962654

00:27:50.560 --> 00:27:52.800 So that's the basic idea.

NOTE Confidence: 0.731962654

00:27:52.800 --> 00:27:55.062 So there were a few questions

NOTE Confidence: 0.731962654

00:27:55.062 --> 00:27:57.106 Akiko and Harlan to the study

NOTE Confidence: 0.731962654

00:27:57.106 --> 00:27:58.918 e-mail and I promised them that

NOTE Confidence: 0.731962654

00:27:58.918 --> 00:28:00.797 we'll find some answers to you.

NOTE Confidence: 0.731962654

00:28:00.800 --> 00:28:02.810 So I could start with three

NOTE Confidence: 0.731962654

00:28:02.810 --> 00:28:05.099 questions and Talia also had a few

NOTE Confidence: 0.731962654

00:28:05.099 --> 00:28:06.504 questions that she has mentioned.

NOTE Confidence: 0.731962654

00:28:06.504 --> 00:28:08.296 So I I could start with the first

NOTE Confidence: 0.731962654

00:28:08.296 --> 00:28:10.213 one Talia and then we'll go back to

NOTE Confidence: 0.731962654

00:28:10.213 --> 00:28:11.760 the questions that you have as well.

NOTE Confidence: 0.640439186

00:28:12.320 --> 00:28:13.560 And and one thing Bernal,

NOTE Confidence: 0.640439186

00:28:13.560 --> 00:28:15.872 I just wanted to also say I noticed

NOTE Confidence: 0.640439186

00:28:15.872 --> 00:28:18.049 some people also offered to their help

NOTE Confidence: 0.640439186

00:28:18.049 --> 00:28:19.851 and and you know interest And so I

NOTE Confidence: 0.640439186

00:28:19.851 --> 00:28:21.680 just want to say thank you for that.

NOTE Confidence: 0.640439186

00:28:21.680 --> 00:28:23.984 And if people put their that in there

NOTE Confidence: 0.640439186

00:28:23.984 --> 00:28:26.030 and we'll we'll route it to the proper

NOTE Confidence: 0.640439186

00:28:26.030 --> 00:28:27.732 place whether it's Hugo or us or

NOTE Confidence: 0.640439186

00:28:27.732 --> 00:28:29.088 listen everything and we'll try to

NOTE Confidence: 0.640439186

00:28:29.141 --> 00:28:30.835 get back to people who express that.

NOTE Confidence: 0.640439186

00:28:30.840 --> 00:28:32.674 So thank you. Sorry, go ahead Cornell.

NOTE Confidence: 0.88137026

00:28:32.960 --> 00:28:35.600 Yeah. So the first question

NOTE Confidence: 0.88137026

00:28:35.600 --> 00:28:37.358 is for both of you actually.

NOTE Confidence: 0.88137026

00:28:37.360 --> 00:28:39.712 So here is a participant who says that

NOTE Confidence: 0.88137026

00:28:39.712 --> 00:28:42.038 I would like to make a suggestion.

NOTE Confidence: 0.88137026

00:28:42.040 --> 00:28:43.882 I believe there are likely quite
NOTE Confidence: 0.88137026

00:28:43.882 --> 00:28:46.405 a few people like me who are not
NOTE Confidence: 0.88137026

00:28:46.405 --> 00:28:47.940 sure definitively how they ended
NOTE Confidence: 0.88137026

00:28:47.940 --> 00:28:50.160 up with long COVID like symptoms.
NOTE Confidence: 0.88137026

00:28:50.160 --> 00:28:52.664 We have never had a positive test result
NOTE Confidence: 0.88137026

00:28:52.664 --> 00:28:55.359 for COVID and it's quite possible we have.
NOTE Confidence: 0.88137026

00:28:55.360 --> 00:28:58.744 We had only minor short lived
NOTE Confidence: 0.88137026

00:28:58.744 --> 00:29:01.000 symptoms or were asymptomatic.
NOTE Confidence: 0.88137026

00:29:01.000 --> 00:29:02.134 We are vaccinated,
NOTE Confidence: 0.88137026

00:29:02.134 --> 00:29:04.780 but our symptoms did not immediately appear
NOTE Confidence: 0.88137026

00:29:04.842 --> 00:29:07.158 in response to the vaccination either.
NOTE Confidence: 0.88137026

00:29:07.160 --> 00:29:10.100 So we are left to select vaccine
NOTE Confidence: 0.88137026

00:29:10.100 --> 00:29:11.684 injury as our likely 'cause,
NOTE Confidence: 0.88137026

00:29:11.684 --> 00:29:14.220 even though we do not know for sure
NOTE Confidence: 0.88137026

00:29:14.220 --> 00:29:16.040 that's what triggered our issues.
NOTE Confidence: 0.88137026

00:29:16.040 --> 00:29:18.880 I just hate to over count vax injuries,

NOTE Confidence: 0.88137026

00:29:18.880 --> 00:29:21.440 especially given the current current

NOTE Confidence: 0.88137026

00:29:21.440 --> 00:29:24.000 politics and disinformation war around

NOTE Confidence: 0.88137026

00:29:24.077 --> 00:29:26.877 vaccines or under count long COVID cases.

NOTE Confidence: 0.88137026

00:29:26.880 --> 00:29:29.600 Unless and until we know for sure what

NOTE Confidence: 0.88137026

00:29:29.600 --> 00:29:32.116 triggered the symptoms in people like me.

NOTE Confidence: 0.88137026

00:29:32.120 --> 00:29:35.158 Not sure if it changes the questions

NOTE Confidence: 0.88137026

00:29:35.158 --> 00:29:38.639 asked of us as a part of the study.

NOTE Confidence: 0.88137026

00:29:38.640 --> 00:29:40.880 Yeah, that's an excellent question.

NOTE Confidence: 0.9519424566666666

00:29:41.040 --> 00:29:44.640 We struggle with that as well because in

NOTE Confidence: 0.9519424566666666

00:29:44.640 --> 00:29:47.560 especially during the early phase of COVID,

NOTE Confidence: 0.9519424566666666

00:29:47.560 --> 00:29:51.196 there wasn't enough testing available for

NOTE Confidence: 0.9519424566666666

00:29:51.196 --> 00:29:54.040 people to know if they had COVID or not.

NOTE Confidence: 0.9519424566666666

00:29:54.040 --> 00:29:57.010 And also even later on as the questioner says

NOTE Confidence: 0.9519424566666666

00:29:57.010 --> 00:29:59.837 the the mild or asymptomatic infections,

NOTE Confidence: 0.9519424566666666

00:29:59.840 --> 00:30:01.891 one may not be going to the

NOTE Confidence: 0.9519424566666666

00:30:01.891 --> 00:30:03.860 doctors to get tested or getting
NOTE Confidence: 0.9519424566666666

00:30:03.860 --> 00:30:05.905 an antigen test to do themselves.
NOTE Confidence: 0.9519424566666666

00:30:05.905 --> 00:30:08.320 So it it is a little ambiguous.
NOTE Confidence: 0.9519424566666666

00:30:08.320 --> 00:30:11.323 There isn't a clear cut way of
NOTE Confidence: 0.9519424566666666

00:30:11.323 --> 00:30:13.888 distinguishing what may have led to
NOTE Confidence: 0.9519424566666666

00:30:13.888 --> 00:30:17.240 the long COVID like symptoms either
NOTE Confidence: 0.9519424566666666

00:30:17.240 --> 00:30:20.336 the anti nuclear capsid antibody which
NOTE Confidence: 0.9519424566666666

00:30:20.336 --> 00:30:23.240 is only generated after infection
NOTE Confidence: 0.9519424566666666

00:30:23.240 --> 00:30:24.668 then to wane quickly.
NOTE Confidence: 0.9519424566666666

00:30:24.668 --> 00:30:27.320 So if we capture that that's great.
NOTE Confidence: 0.9519424566666666

00:30:27.320 --> 00:30:29.480 We're doing all of these assays by the way.
NOTE Confidence: 0.9519424566666666

00:30:29.480 --> 00:30:31.742 If we capture the anti nuclear
NOTE Confidence: 0.9519424566666666

00:30:31.742 --> 00:30:33.677 capsid antibody in somebody who
NOTE Confidence: 0.9519424566666666

00:30:33.677 --> 00:30:35.795 claims to have had vaccine injury,
NOTE Confidence: 0.9519424566666666

00:30:35.800 --> 00:30:38.276 we should be able to distinguish that.
NOTE Confidence: 0.9519424566666666

00:30:38.276 --> 00:30:41.460 That may that may not be just vaccine

NOTE Confidence: 0.9519424566666666
00:30:41.537 --> 00:30:44.313 injury but that may be long COVID and
NOTE Confidence: 0.9519424566666666
00:30:44.313 --> 00:30:46.676 or vaccine and vaccine or or not.
NOTE Confidence: 0.9519424566666666
00:30:46.680 --> 00:30:48.920 But those are not perfect.
NOTE Confidence: 0.9519424566666666
00:30:48.920 --> 00:30:50.852 Like I said those anti nuclear capsid
NOTE Confidence: 0.9519424566666666
00:30:50.852 --> 00:30:52.199 antibodies don't last very long.
NOTE Confidence: 0.9519424566666666
00:30:52.200 --> 00:30:55.392 So if we don't capture that blood samples
NOTE Confidence: 0.9519424566666666
00:30:55.392 --> 00:30:58.879 during the time of duration of that antibody,
NOTE Confidence: 0.9519424566666666
00:30:58.880 --> 00:31:01.440 we still wouldn't know.
NOTE Confidence: 0.9519424566666666
00:31:01.440 --> 00:31:03.847 But we are going to be looking at this
NOTE Confidence: 0.9519424566666666
00:31:03.847 --> 00:31:07.400 as a group to see what we are finding.
NOTE Confidence: 0.9519424566666666
00:31:07.400 --> 00:31:09.644 There are clearly some people with
NOTE Confidence: 0.9519424566666666
00:31:09.644 --> 00:31:11.559 only vaccine injury and clearly
NOTE Confidence: 0.9519424566666666
00:31:11.559 --> 00:31:13.995 some people who have only long COVID
NOTE Confidence: 0.9519424566666666
00:31:13.995 --> 00:31:16.120 and there are people with both.
NOTE Confidence: 0.9519424566666666
00:31:16.120 --> 00:31:18.773 So we're going to be comparing immune
NOTE Confidence: 0.9519424566666666

00:31:18.773 --> 00:31:21.096 phenotype and in those three versus
NOTE Confidence: 0.9519424566666666

00:31:21.096 --> 00:31:23.784 the the control to see if there's any
NOTE Confidence: 0.9519424566666666

00:31:23.784 --> 00:31:26.127 unique features and maybe in the future
NOTE Confidence: 0.9519424566666666

00:31:26.127 --> 00:31:29.196 we can tell tell you what you may have had.
NOTE Confidence: 0.9519424566666666

00:31:29.200 --> 00:31:32.077 If we find a a clear signature,
NOTE Confidence: 0.9519424566666666

00:31:32.080 --> 00:31:33.360 we may not find it,
NOTE Confidence: 0.9519424566666666

00:31:33.360 --> 00:31:34.794 but it's very important for us
NOTE Confidence: 0.9519424566666666

00:31:34.794 --> 00:31:36.839 to kind of be able to study this.
NOTE Confidence: 0.9519424566666666

00:31:36.840 --> 00:31:39.072 So the labeling is tricky because
NOTE Confidence: 0.9519424566666666

00:31:39.072 --> 00:31:41.984 none of us for sure know we're
NOTE Confidence: 0.9519424566666666

00:31:41.984 --> 00:31:44.437 never exposed to COVID or not.
NOTE Confidence: 0.9519424566666666

00:31:44.440 --> 00:31:45.772 We know that we've gotten the
NOTE Confidence: 0.9519424566666666

00:31:45.772 --> 00:31:47.104 vaccines or not, that's easier.
NOTE Confidence: 0.9519424566666666

00:31:47.104 --> 00:31:49.760 But the COVID part is a little tricky.
NOTE Confidence: 0.9519424566666666

00:31:49.760 --> 00:31:50.558 But nevertheless,
NOTE Confidence: 0.9519424566666666

00:31:50.558 --> 00:31:52.952 we will be looking at everything

NOTE Confidence: 0.9519424566666666
00:31:52.952 --> 00:31:56.284 we have in a hand to be able to
NOTE Confidence: 0.9519424566666666
00:31:56.284 --> 00:31:57.756 distinguish whether someone has
NOTE Confidence: 0.9519424566666666
00:31:57.756 --> 00:31:59.476 had COVID and or vaccines.
NOTE Confidence: 0.865407344285714
00:32:01.480 --> 00:32:03.118 And I'll just add one quick thing,
NOTE Confidence: 0.865407344285714
00:32:03.120 --> 00:32:05.280 which is that you're raising an
NOTE Confidence: 0.865407344285714
00:32:05.280 --> 00:32:07.540 important issue, which is we we shouldn't
NOTE Confidence: 0.865407344285714
00:32:07.540 --> 00:32:09.720 be forcing people into a response.
NOTE Confidence: 0.865407344285714
00:32:09.720 --> 00:32:12.519 And if people say, I think I've got something
NOTE Confidence: 0.865407344285714
00:32:12.519 --> 00:32:15.120 but I'm not sure exactly what it is we,
NOTE Confidence: 0.865407344285714
00:32:15.120 --> 00:32:17.120 I have to go back to the survey,
NOTE Confidence: 0.865407344285714
00:32:17.120 --> 00:32:18.560 but we it it and remember
NOTE Confidence: 0.865407344285714
00:32:18.560 --> 00:32:20.040 I was saying the unknown.
NOTE Confidence: 0.865407344285714
00:32:20.040 --> 00:32:21.480 Well, I there's some people who
NOTE Confidence: 0.865407344285714
00:32:21.480 --> 00:32:22.440 haven't filled it out.
NOTE Confidence: 0.865407344285714
00:32:22.440 --> 00:32:23.268 Those are unknown.
NOTE Confidence: 0.865407344285714

00:32:23.268 --> 00:32:25.200 But there we should allow people to
NOTE Confidence: 0.865407344285714

00:32:25.255 --> 00:32:27.199 say like I I don't know what I've got,
NOTE Confidence: 0.865407344285714

00:32:27.200 --> 00:32:28.621 like I might have one or the
NOTE Confidence: 0.865407344285714

00:32:28.621 --> 00:32:29.760 other and it's uncertain.
NOTE Confidence: 0.865407344285714

00:32:29.760 --> 00:32:31.314 So we can go back and look
NOTE Confidence: 0.865407344285714

00:32:31.320 --> 00:32:32.358 and see if we can improve.
NOTE Confidence: 0.865407344285714

00:32:32.360 --> 00:32:33.925 The surveys obviously with La
NOTE Confidence: 0.865407344285714

00:32:33.925 --> 00:32:35.490 Pizza have already filled out
NOTE Confidence: 0.865407344285714

00:32:35.549 --> 00:32:37.990 things but but you you are raising
NOTE Confidence: 0.865407344285714

00:32:37.990 --> 00:32:41.292 an important point that you know
NOTE Confidence: 0.865407344285714

00:32:41.292 --> 00:32:43.564 sometimes surveys can force you to
NOTE Confidence: 0.865407344285714

00:32:43.564 --> 00:32:44.819 answer something which it doesn't
NOTE Confidence: 0.865407344285714

00:32:44.819 --> 00:32:46.358 really capture the reality for you.
NOTE Confidence: 0.865407344285714

00:32:46.360 --> 00:32:48.000 So we have to be thoughtful about that.
NOTE Confidence: 0.945878892

00:32:50.320 --> 00:32:52.440 So here is another question.
NOTE Confidence: 0.945878892

00:32:52.440 --> 00:32:54.594 It is regarding COVID in Little

NOTE Confidence: 0.945878892

00:32:54.594 --> 00:32:57.072 Children and one of the participants

NOTE Confidence: 0.945878892

00:32:57.072 --> 00:32:59.000 has asked this question.

NOTE Confidence: 0.945878892

00:32:59.000 --> 00:33:01.526 I have read papers explaining why

NOTE Confidence: 0.945878892

00:33:01.526 --> 00:33:04.517 COVID is usually mild in kids under 5,

NOTE Confidence: 0.945878892

00:33:04.520 --> 00:33:07.808 but I cannot find any follow up studies

NOTE Confidence: 0.945878892

00:33:07.808 --> 00:33:10.080 about possible sequels after six,

NOTE Confidence: 0.945878892

00:33:10.080 --> 00:33:13.120 1218 months after mild infection in kids.

NOTE Confidence: 0.945878892

00:33:13.120 --> 00:33:16.151 Do you have any information or references

NOTE Confidence: 0.945878892

00:33:16.151 --> 00:33:19.616 about sequels in the medium term in

NOTE Confidence: 0.945878892

00:33:19.616 --> 00:33:22.956 little kids after mild infections?

NOTE Confidence: 0.945878892

00:33:22.960 --> 00:33:26.199 Yeah. So the the studies

NOTE Confidence: 0.880948913571428

00:33:26.200 --> 00:33:29.112 on late time points that the questioner

NOTE Confidence: 0.880948913571428

00:33:29.112 --> 00:33:32.200 is asking is not not yet available,

NOTE Confidence: 0.880948913571428

00:33:32.200 --> 00:33:34.744 but there are studies that have

NOTE Confidence: 0.880948913571428

00:33:34.744 --> 00:33:37.448 looked at four weeks time point and

NOTE Confidence: 0.880948913571428

00:33:37.448 --> 00:33:39.800 and and a little bit further beyond.
NOTE Confidence: 0.880948913571428

00:33:39.800 --> 00:33:43.718 There's a a paper in Lancet
NOTE Confidence: 0.880948913571428

00:33:43.720 --> 00:33:44.680 Children's Health.
NOTE Confidence: 0.880948913571428

00:33:44.680 --> 00:33:47.579 Yeah, that that looked at like 44,000
NOTE Confidence: 0.880948913571428

00:33:47.579 --> 00:33:51.571 children who had COVID or not and they
NOTE Confidence: 0.880948913571428

00:33:51.571 --> 00:33:54.479 followed their symptoms over time.
NOTE Confidence: 0.880948913571428

00:33:54.480 --> 00:33:56.592 And there were in the group
NOTE Confidence: 0.880948913571428

00:33:56.592 --> 00:33:58.880 of zero to three years old,
NOTE Confidence: 0.880948913571428

00:33:58.880 --> 00:34:01.454 there was a increased incidence of
NOTE Confidence: 0.880948913571428

00:34:01.454 --> 00:34:04.141 symptoms in people who children who
NOTE Confidence: 0.880948913571428

00:34:04.141 --> 00:34:06.799 had COVID versus those who didn't.
NOTE Confidence: 0.880948913571428

00:34:06.800 --> 00:34:07.847 The match controls.
NOTE Confidence: 0.880948913571428

00:34:07.847 --> 00:34:10.290 So there is some evidence that at
NOTE Confidence: 0.880948913571428

00:34:10.358 --> 00:34:12.398 least for the short term there,
NOTE Confidence: 0.880948913571428

00:34:12.400 --> 00:34:15.040 there seems to be an increased
NOTE Confidence: 0.880948913571428

00:34:15.040 --> 00:34:16.800 incidence of these symptoms.

NOTE Confidence: 0.880948913571428

00:34:16.800 --> 00:34:19.194 And the the types of symptoms actually

NOTE Confidence: 0.880948913571428

00:34:19.194 --> 00:34:21.798 also differed between different age groups.

NOTE Confidence: 0.880948913571428

00:34:21.800 --> 00:34:23.676 But that's just one of the studies.

NOTE Confidence: 0.880948913571428

00:34:23.680 --> 00:34:25.942 There are other studies with smaller

NOTE Confidence: 0.880948913571428

00:34:25.942 --> 00:34:27.915 numbers that are also looking

NOTE Confidence: 0.880948913571428

00:34:27.915 --> 00:34:29.915 at those sequela in children.

NOTE Confidence: 0.880948913571428

00:34:29.920 --> 00:34:32.827 But I would have to say it's a lot

NOTE Confidence: 0.880948913571428

00:34:32.827 --> 00:34:35.558 less study than adult population.

NOTE Confidence: 0.880948913571428

00:34:35.560 --> 00:34:36.704 And so, yeah, we,

NOTE Confidence: 0.880948913571428

00:34:36.704 --> 00:34:38.771 we would really need more studies on

NOTE Confidence: 0.880948913571428

00:34:38.771 --> 00:34:41.059 that in the future to figure out what

NOTE Confidence: 0.880948913571428

00:34:41.059 --> 00:34:42.985 percentage of the children are having

NOTE Confidence: 0.880948913571428

00:34:42.985 --> 00:34:44.800 these kinds of symptoms later on.

NOTE Confidence: 0.657058468181818

00:34:47.040 --> 00:34:48.468 Yeah. Thank you. I don't have

NOTE Confidence: 0.657058468181818

00:34:48.468 --> 00:34:50.200 anything to add to that. That's great.

NOTE Confidence: 0.87488714875

00:34:51.280 --> 00:34:53.500 Harland. One question I think I
NOTE Confidence: 0.87488714875

00:34:53.500 --> 00:34:56.680 read here was in the text here.
NOTE Confidence: 0.87488714875

00:34:56.680 --> 00:34:57.920 So the question is,
NOTE Confidence: 0.87488714875

00:34:57.920 --> 00:35:00.896 are you going to classify long
NOTE Confidence: 0.87488714875

00:35:00.896 --> 00:35:02.384 COVID into cardiovascular
NOTE Confidence: 0.87488714875

00:35:02.384 --> 00:35:04.313 pulmonary neurologic per SE or
NOTE Confidence: 0.87488714875

00:35:04.313 --> 00:35:06.897 are you going to look at symptoms
NOTE Confidence: 0.87488714875

00:35:06.897 --> 00:35:09.440 and look at symptom clusters? I
NOTE Confidence: 0.938216313333333

00:35:09.440 --> 00:35:10.556 think it's a really good question.
NOTE Confidence: 0.938216313333333

00:35:10.560 --> 00:35:11.632 And what's the best?
NOTE Confidence: 0.938216313333333

00:35:11.632 --> 00:35:13.240 We've been discussing this at length.
NOTE Confidence: 0.938216313333333

00:35:13.240 --> 00:35:15.620 You know, what is the best method of
NOTE Confidence: 0.938216313333333

00:35:15.620 --> 00:35:18.080 organizing people who just say long,
NOTE Confidence: 0.938216313333333

00:35:18.080 --> 00:35:19.040 Let's just take long COVID,
NOTE Confidence: 0.938216313333333

00:35:19.040 --> 00:35:20.876 you could say the whole group.
NOTE Confidence: 0.938216313333333

00:35:20.880 --> 00:35:22.280 You know, so what's the

NOTE Confidence: 0.938216313333333
00:35:22.280 --> 00:35:23.680 best way to classify people?
NOTE Confidence: 0.938216313333333
00:35:23.680 --> 00:35:25.514 Because and one of the ways we
NOTE Confidence: 0.938216313333333
00:35:25.514 --> 00:35:27.492 thought about it is sort of the
NOTE Confidence: 0.938216313333333
00:35:27.492 --> 00:35:29.196 cluster of symptoms that people are,
NOTE Confidence: 0.938216313333333
00:35:29.200 --> 00:35:29.744 are experiencing.
NOTE Confidence: 0.938216313333333
00:35:29.744 --> 00:35:31.376 You know, there's some people who
NOTE Confidence: 0.938216313333333
00:35:31.376 --> 00:35:33.035 have a solitary symptom and there's
NOTE Confidence: 0.938216313333333
00:35:33.035 --> 00:35:34.927 some people that have a wide range
NOTE Confidence: 0.938216313333333
00:35:34.927 --> 00:35:36.361 of symptoms and and for some
NOTE Confidence: 0.938216313333333
00:35:36.361 --> 00:35:38.325 people there are patterns in which
NOTE Confidence: 0.938216313333333
00:35:38.325 --> 00:35:40.400 these range of symptoms appear.
NOTE Confidence: 0.938216313333333
00:35:40.400 --> 00:35:43.080 So it's not, you know, just one or the other.
NOTE Confidence: 0.938216313333333
00:35:43.080 --> 00:35:44.888 I think one of the problems in medicine
NOTE Confidence: 0.938216313333333
00:35:44.888 --> 00:35:46.878 in general is that we've siloed it too much.
NOTE Confidence: 0.938216313333333
00:35:46.880 --> 00:35:47.858 You know, it's,
NOTE Confidence: 0.938216313333333

00:35:47.858 --> 00:35:48.836 is it cardiovascular,
NOTE Confidence: 0.9382163133333333

00:35:48.840 --> 00:35:49.770 is it pulmonary,
NOTE Confidence: 0.9382163133333333

00:35:49.770 --> 00:35:51.630 is it neurologic when there's tons
NOTE Confidence: 0.9382163133333333

00:35:51.630 --> 00:35:53.770 of overlap around some of these
NOTE Confidence: 0.9382163133333333

00:35:53.770 --> 00:35:55.815 conditions and and there's interactions,
NOTE Confidence: 0.9382163133333333

00:35:55.815 --> 00:35:58.040 I mean you've got the,
NOTE Confidence: 0.9382163133333333

00:35:58.040 --> 00:35:59.495 you know there there's mind
NOTE Confidence: 0.9382163133333333

00:35:59.495 --> 00:36:00.077 body interactions,
NOTE Confidence: 0.9382163133333333

00:36:00.080 --> 00:36:01.425 there's things that are going
NOTE Confidence: 0.9382163133333333

00:36:01.425 --> 00:36:02.770 on neurologically that can what
NOTE Confidence: 0.9382163133333333

00:36:02.820 --> 00:36:03.876 what is POTS by the way?
NOTE Confidence: 0.9382163133333333

00:36:03.880 --> 00:36:05.364 I mean is it a neurologic disease
NOTE Confidence: 0.9382163133333333

00:36:05.364 --> 00:36:07.318 or is it a cardiovascular disease.
NOTE Confidence: 0.9382163133333333

00:36:07.320 --> 00:36:09.497 And you know the truth is it's
NOTE Confidence: 0.9382163133333333

00:36:09.497 --> 00:36:11.359 a combination of the diseases.
NOTE Confidence: 0.9382163133333333

00:36:11.360 --> 00:36:12.230 So, you know,

NOTE Confidence: 0.938216313333333
00:36:12.230 --> 00:36:16.520 I think what we need to do is to to to do it.
NOTE Confidence: 0.938216313333333
00:36:16.520 --> 00:36:17.552 We're going to end up doing it a
NOTE Confidence: 0.938216313333333
00:36:17.552 --> 00:36:18.533 bunch of different ways, right?
NOTE Confidence: 0.938216313333333
00:36:18.533 --> 00:36:20.237 Like, what if we just look at this?
NOTE Confidence: 0.938216313333333
00:36:20.240 --> 00:36:21.092 But like, for example,
NOTE Confidence: 0.938216313333333
00:36:21.092 --> 00:36:22.445 it just seemed to us, it,
NOTE Confidence: 0.938216313333333
00:36:22.445 --> 00:36:24.440 it's jumping out at us that like,
NOTE Confidence: 0.938216313333333
00:36:24.440 --> 00:36:24.622 yeah,
NOTE Confidence: 0.938216313333333
00:36:24.622 --> 00:36:25.714 we probably should get a bunch
NOTE Confidence: 0.938216313333333
00:36:25.714 --> 00:36:26.959 of people together and have this
NOTE Confidence: 0.938216313333333
00:36:26.959 --> 00:36:27.397 internal vibration.
NOTE Confidence: 0.938216313333333
00:36:27.400 --> 00:36:28.795 Some of them have a lot of other symptoms,
NOTE Confidence: 0.938216313333333
00:36:28.800 --> 00:36:29.848 some of them don't.
NOTE Confidence: 0.938216313333333
00:36:29.848 --> 00:36:31.395 But this is a distinctive symptom.
NOTE Confidence: 0.938216313333333
00:36:31.395 --> 00:36:32.100 And, you know,
NOTE Confidence: 0.938216313333333

00:36:32.100 --> 00:36:34.518 let's see if we can try to understand that.
NOTE Confidence: 0.938216313333333

00:36:34.520 --> 00:36:35.300 Same with POTS.
NOTE Confidence: 0.938216313333333

00:36:35.300 --> 00:36:37.512 But I mean, we're open to your,
NOTE Confidence: 0.938216313333333

00:36:37.512 --> 00:36:39.302 your thoughts too about what
NOTE Confidence: 0.938216313333333

00:36:39.302 --> 00:36:41.064 seemed like natural clusters
NOTE Confidence: 0.938216313333333

00:36:41.064 --> 00:36:43.460 and an organization of this.
NOTE Confidence: 0.938216313333333

00:36:43.460 --> 00:36:46.640 So anyway, open to your thoughts.
NOTE Confidence: 0.938216313333333

00:36:46.640 --> 00:36:46.880 Thank
NOTE Confidence: 0.8699415555

00:36:46.880 --> 00:36:48.826 you Harlan. Talia, I will hand it
NOTE Confidence: 0.8699415555

00:36:48.826 --> 00:36:51.242 over to you so that you can ask
NOTE Confidence: 0.8699415555

00:36:51.242 --> 00:36:53.320 the questions you had listed. Sure.
NOTE Confidence: 0.741532581

00:36:53.440 --> 00:36:54.928 So some of you sent some
NOTE Confidence: 0.741532581

00:36:54.928 --> 00:36:55.920 questions to me beforehand.
NOTE Confidence: 0.741532581

00:36:55.920 --> 00:36:57.915 Thank you so much for doing that.
NOTE Confidence: 0.741532581

00:36:57.920 --> 00:36:59.920 And we have time now to read a few of them.
NOTE Confidence: 0.741532581

00:36:59.920 --> 00:37:03.362 So first I have one How much

NOTE Confidence: 0.741532581

00:37:03.362 --> 00:37:04.909 of a problem are errors in my

NOTE Confidence: 0.741532581

00:37:04.909 --> 00:37:06.237 medical records going to pose?

NOTE Confidence: 0.741532581

00:37:06.240 --> 00:37:08.256 I've been aware of errors in my medical

NOTE Confidence: 0.741532581

00:37:08.256 --> 00:37:09.809 records going back to the first

NOTE Confidence: 0.741532581

00:37:09.809 --> 00:37:11.680 appointment I saw after my vaccine injury.

NOTE Confidence: 0.741532581

00:37:11.680 --> 00:37:13.480 Some doctors have recorded incorrect

NOTE Confidence: 0.741532581

00:37:13.480 --> 00:37:15.280 information in their clinic notes,

NOTE Confidence: 0.741532581

00:37:15.280 --> 00:37:18.680 including symptoms and even diagnosis.

NOTE Confidence: 0.741532581

00:37:18.680 --> 00:37:19.312 It continues,

NOTE Confidence: 0.741532581

00:37:19.312 --> 00:37:21.840 but that's pretty much the basis of it.

NOTE Confidence: 0.872439348888889

00:37:22.080 --> 00:37:24.600 And I mean this is a really good question.

NOTE Confidence: 0.872439348888889

00:37:24.600 --> 00:37:26.290 All of you know that especially

NOTE Confidence: 0.872439348888889

00:37:26.290 --> 00:37:28.600 for people who are in this group,

NOTE Confidence: 0.872439348888889

00:37:28.600 --> 00:37:30.119 you know that that first of all,

NOTE Confidence: 0.872439348888889

00:37:30.120 --> 00:37:32.592 careful documentation about symptoms

NOTE Confidence: 0.872439348888889

00:37:32.592 --> 00:37:36.300 and information is critical and it's
NOTE Confidence: 0.872439348888889

00:37:36.392 --> 00:37:39.260 not always accurately documented.
NOTE Confidence: 0.872439348888889

00:37:39.260 --> 00:37:42.720 So the the thought is that there's a
NOTE Confidence: 0.872439348888889

00:37:42.720 --> 00:37:44.797 hierarchy with regard to the quality of the
NOTE Confidence: 0.872439348888889

00:37:44.797 --> 00:37:46.399 information that's in the medical record.
NOTE Confidence: 0.872439348888889

00:37:46.400 --> 00:37:48.600 And so for example, testing,
NOTE Confidence: 0.872439348888889

00:37:48.600 --> 00:37:49.773 laboratory testing especially
NOTE Confidence: 0.872439348888889

00:37:49.773 --> 00:37:52.119 that which has to undergo CLIA,
NOTE Confidence: 0.872439348888889

00:37:52.120 --> 00:37:53.398 you know sort of under CLIA,
NOTE Confidence: 0.872439348888889

00:37:53.400 --> 00:37:56.781 which is this federal standardization of of
NOTE Confidence: 0.872439348888889

00:37:56.781 --> 00:37:59.800 of laboratory testing across institutions.
NOTE Confidence: 0.872439348888889

00:37:59.800 --> 00:38:03.580 I mean that's that's pretty good to be
NOTE Confidence: 0.872439348888889

00:38:03.580 --> 00:38:05.890 able to look across And then you know,
NOTE Confidence: 0.872439348888889

00:38:05.890 --> 00:38:07.600 even when you're getting imaging tests,
NOTE Confidence: 0.872439348888889

00:38:07.600 --> 00:38:08.704 I mean there's some,
NOTE Confidence: 0.872439348888889

00:38:08.704 --> 00:38:10.084 often some variation even among

NOTE Confidence: 0.872439348888889
00:38:10.084 --> 00:38:10.959 radiologists and so forth.
NOTE Confidence: 0.872439348888889
00:38:10.960 --> 00:38:11.683 So you have,
NOTE Confidence: 0.872439348888889
00:38:11.683 --> 00:38:13.658 you have to be able to take it
NOTE Confidence: 0.872439348888889
00:38:13.658 --> 00:38:15.240 a bit with a grain of salt,
NOTE Confidence: 0.872439348888889
00:38:15.240 --> 00:38:15.906 but but yeah,
NOTE Confidence: 0.872439348888889
00:38:15.906 --> 00:38:18.085 I mean I think we we have to be
NOTE Confidence: 0.872439348888889
00:38:18.085 --> 00:38:19.505 open minded about how accurate
NOTE Confidence: 0.872439348888889
00:38:19.505 --> 00:38:21.559 some of these representations are.
NOTE Confidence: 0.872439348888889
00:38:21.560 --> 00:38:22.981 But we're we're going to start with
NOTE Confidence: 0.872439348888889
00:38:22.981 --> 00:38:24.280 what they call structured data.
NOTE Confidence: 0.872439348888889
00:38:24.280 --> 00:38:26.710 So structured data in the medical
NOTE Confidence: 0.872439348888889
00:38:26.710 --> 00:38:29.744 record is going to more be information
NOTE Confidence: 0.872439348888889
00:38:29.744 --> 00:38:33.278 that is coming up, you know,
NOTE Confidence: 0.872439348888889
00:38:33.278 --> 00:38:34.870 out of lab tests or and we also
NOTE Confidence: 0.872439348888889
00:38:34.921 --> 00:38:36.463 can look at medications even there
NOTE Confidence: 0.872439348888889

00:38:36.463 --> 00:38:38.080 can be mistakes in medication.
NOTE Confidence: 0.872439348888889

00:38:38.080 --> 00:38:38.752 I mean,
NOTE Confidence: 0.872439348888889

00:38:38.752 --> 00:38:39.760 we know this.
NOTE Confidence: 0.872439348888889

00:38:39.760 --> 00:38:41.352 So that's why I often say the gold
NOTE Confidence: 0.872439348888889

00:38:41.352 --> 00:38:42.578 standard is the patient report
NOTE Confidence: 0.872439348888889

00:38:42.578 --> 00:38:43.878 because that's what you feel.
NOTE Confidence: 0.872439348888889

00:38:43.880 --> 00:38:45.980 And we ask you how do you feel There's no
NOTE Confidence: 0.872439348888889

00:38:46.031 --> 00:38:48.075 other gold standard beyond how you feel.
NOTE Confidence: 0.872439348888889

00:38:48.080 --> 00:38:48.953 But but yeah,
NOTE Confidence: 0.872439348888889

00:38:48.953 --> 00:38:50.963 we have to be thoughtful about the
NOTE Confidence: 0.872439348888889

00:38:50.963 --> 00:38:52.930 quality of the data that's in the
NOTE Confidence: 0.872439348888889

00:38:52.990 --> 00:38:54.860 medical record and and act accordingly.
NOTE Confidence: 0.872439348888889

00:38:54.860 --> 00:38:57.290 So I mean all I can do is
NOTE Confidence: 0.872439348888889

00:38:57.290 --> 00:38:59.234 acknowledge you that we know this,
NOTE Confidence: 0.872439348888889

00:38:59.240 --> 00:39:00.950 we know this both from our
NOTE Confidence: 0.872439348888889

00:39:00.950 --> 00:39:01.520 experiences clinicians,

NOTE Confidence: 0.872439348888889
00:39:01.520 --> 00:39:02.660 we know this from our
NOTE Confidence: 0.872439348888889
00:39:02.660 --> 00:39:03.116 experiences researchers.
NOTE Confidence: 0.872439348888889
00:39:03.120 --> 00:39:05.514 So we we recognize that there
NOTE Confidence: 0.872439348888889
00:39:05.514 --> 00:39:07.793 can be noise introduced into this
NOTE Confidence: 0.872439348888889
00:39:07.793 --> 00:39:09.422 as a result of of errors.
NOTE Confidence: 0.872439348888889
00:39:09.422 --> 00:39:09.633 So,
NOTE Confidence: 0.872439348888889
00:39:09.633 --> 00:39:11.110 so you know we just have to
NOTE Confidence: 0.872439348888889
00:39:11.163 --> 00:39:12.319 take that into account.
NOTE Confidence: 0.836301287692308
00:39:14.480 --> 00:39:16.720 There's a question in the chat actually
NOTE Confidence: 0.836301287692308
00:39:16.720 --> 00:39:18.959 that they think is super interesting,
NOTE Confidence: 0.836301287692308
00:39:18.960 --> 00:39:21.000 Can we enroll our kids in the study.
NOTE Confidence: 0.774537758333333
00:39:24.520 --> 00:39:27.400 So I I think we have,
NOTE Confidence: 0.774537758333333
00:39:27.400 --> 00:39:28.894 I'm great interested in looking across
NOTE Confidence: 0.774537758333333
00:39:28.894 --> 00:39:30.120 the entire spectrum including kids.
NOTE Confidence: 0.774537758333333
00:39:30.120 --> 00:39:32.244 But the study becomes a lot
NOTE Confidence: 0.774537758333333

00:39:32.244 --> 00:39:33.660 more complicated especially the
NOTE Confidence: 0.7745377583333333

00:39:33.720 --> 00:39:35.220 way this study is structured
NOTE Confidence: 0.7745377583333333

00:39:35.220 --> 00:39:36.696 in terms of the permissionings.
NOTE Confidence: 0.7745377583333333

00:39:36.696 --> 00:39:38.712 So you know this is built on,
NOTE Confidence: 0.7745377583333333

00:39:38.720 --> 00:39:40.992 this listen study is built on an E
NOTE Confidence: 0.7745377583333333

00:39:40.992 --> 00:39:43.010 consent system and we couldn't really
NOTE Confidence: 0.7745377583333333

00:39:43.010 --> 00:39:45.920 do any consent for for children.
NOTE Confidence: 0.7745377583333333

00:39:45.920 --> 00:39:47.600 And and then the question is
NOTE Confidence: 0.7745377583333333

00:39:47.600 --> 00:39:48.520 how would it be administered?
NOTE Confidence: 0.7745377583333333

00:39:48.520 --> 00:39:50.795 Because depending on the age of the charm,
NOTE Confidence: 0.7745377583333333

00:39:50.795 --> 00:39:52.055 an adolescent certainly could
NOTE Confidence: 0.7745377583333333

00:39:52.055 --> 00:39:53.000 interact with questionnaires.
NOTE Confidence: 0.7745377583333333

00:39:53.000 --> 00:39:54.435 But as you start getting younger it,
NOTE Confidence: 0.7745377583333333

00:39:54.440 --> 00:39:56.360 you can't really do that.
NOTE Confidence: 0.7745377583333333

00:39:56.360 --> 00:39:57.879 So I think at at this point,
NOTE Confidence: 0.7745377583333333

00:39:57.880 --> 00:39:59.977 we felt like it's a big enough hill to

NOTE Confidence: 0.774537758333333
00:39:59.977 --> 00:40:01.891 climb to see if we can like work this
NOTE Confidence: 0.774537758333333
00:40:01.891 --> 00:40:04.000 out to be able to produce some knowledge.
NOTE Confidence: 0.774537758333333
00:40:04.000 --> 00:40:05.960 But I think we hope at some
NOTE Confidence: 0.774537758333333
00:40:05.960 --> 00:40:07.437 point that we can do that,
NOTE Confidence: 0.774537758333333
00:40:07.440 --> 00:40:08.916 but we're not doing it at at this stage.
NOTE Confidence: 0.774537758333333
00:40:08.920 --> 00:40:11.604 So it's 18 and older for the
NOTE Confidence: 0.774537758333333
00:40:11.604 --> 00:40:12.714 listen study at this point.
NOTE Confidence: 0.774537758333333
00:40:12.720 --> 00:40:13.920 And and again,
NOTE Confidence: 0.774537758333333
00:40:13.920 --> 00:40:14.720 in part,
NOTE Confidence: 0.774537758333333
00:40:14.720 --> 00:40:16.620 we're trying to minimize some
NOTE Confidence: 0.774537758333333
00:40:16.620 --> 00:40:17.760 of the complexities,
NOTE Confidence: 0.774537758333333
00:40:17.760 --> 00:40:19.426 but recognize that there's great need to
NOTE Confidence: 0.774537758333333
00:40:19.426 --> 00:40:21.000 study and understand what's going on kids,
NOTE Confidence: 0.774537758333333
00:40:21.000 --> 00:40:22.120 as Akiko said before.
NOTE Confidence: 0.899705869090909
00:40:25.560 --> 00:40:26.932 We have another one.
NOTE Confidence: 0.899705869090909

00:40:26.932 --> 00:40:27.961 What specific elevated
NOTE Confidence: 0.899705869090909

00:40:27.961 --> 00:40:29.440 cytokines are you seeing?
NOTE Confidence: 0.899705869090909

00:40:29.440 --> 00:40:31.066 Have you noticed a difference between
NOTE Confidence: 0.899705869090909

00:40:31.066 --> 00:40:32.959 Long Haul COVID and vaccine injured?
NOTE Confidence: 0.899705869090909

00:40:32.960 --> 00:40:34.560 I had my cytokines tested
NOTE Confidence: 0.899705869090909

00:40:34.560 --> 00:40:36.160 several times and new ones,
NOTE Confidence: 0.899705869090909

00:40:36.160 --> 00:40:38.600 IL 13 showed up for the first time.
NOTE Confidence: 0.899705869090909

00:40:38.600 --> 00:40:39.520 Why would this happen?
NOTE Confidence: 0.746620311428572

00:40:41.320 --> 00:40:43.154 So obviously Kiko's going to answer this,
NOTE Confidence: 0.746620311428572

00:40:43.160 --> 00:40:44.644 but just to make sure, Kiko,
NOTE Confidence: 0.746620311428572

00:40:44.644 --> 00:40:46.352 we know that we have to be
NOTE Confidence: 0.746620311428572

00:40:46.352 --> 00:40:47.529 careful about sharing actual
NOTE Confidence: 0.746620311428572

00:40:47.529 --> 00:40:49.119 results from the study yet.
NOTE Confidence: 0.746620311428572

00:40:49.120 --> 00:40:50.470 But I know you've got a
NOTE Confidence: 0.746620311428572

00:40:50.470 --> 00:40:51.680 lot of thoughts about this.
NOTE Confidence: 0.922343369285714

00:40:52.520 --> 00:40:54.974 Yeah. So unfortunately we don't have

NOTE Confidence: 0.922343369285714
00:40:54.974 --> 00:40:57.960 anything to share yet because as I said,
NOTE Confidence: 0.922343369285714
00:40:57.960 --> 00:41:00.120 there are some factors like
NOTE Confidence: 0.922343369285714
00:41:00.120 --> 00:41:02.989 cytokines that need to be analyzed
NOTE Confidence: 0.922343369285714
00:41:02.989 --> 00:41:04.974 once together, all together.
NOTE Confidence: 0.922343369285714
00:41:04.974 --> 00:41:07.910 So the samples have to be collected enough
NOTE Confidence: 0.922343369285714
00:41:07.979 --> 00:41:10.268 number of the samples in control groups
NOTE Confidence: 0.922343369285714
00:41:10.268 --> 00:41:13.160 as well as different long COVID groups.
NOTE Confidence: 0.922343369285714
00:41:13.160 --> 00:41:14.917 So we haven't done the cytokines yet,
NOTE Confidence: 0.922343369285714
00:41:14.920 --> 00:41:17.720 but we have done cytokine studies in
NOTE Confidence: 0.922343369285714
00:41:17.720 --> 00:41:20.161 our previous work with David Petrino
NOTE Confidence: 0.922343369285714
00:41:20.161 --> 00:41:22.863 where we do see some elevation of
NOTE Confidence: 0.922343369285714
00:41:22.938 --> 00:41:25.874 certain cytokines and activated T cell
NOTE Confidence: 0.922343369285714
00:41:25.874 --> 00:41:28.410 phenotypes and so on which I have shared
NOTE Confidence: 0.922343369285714
00:41:28.479 --> 00:41:30.838 with you in the previous town hall.
NOTE Confidence: 0.922343369285714
00:41:30.840 --> 00:41:32.274 But Aisle 13,
NOTE Confidence: 0.922343369285714

00:41:32.274 --> 00:41:35.142 it's interesting because it's a type
NOTE Confidence: 0.922343369285714

00:41:35.142 --> 00:41:38.416 2 cytokine and that we associate
NOTE Confidence: 0.922343369285714

00:41:38.416 --> 00:41:40.710 with allergy and Homan's infection.
NOTE Confidence: 0.922343369285714

00:41:40.710 --> 00:41:43.390 So that's the kind of cytokines that we
NOTE Confidence: 0.922343369285714

00:41:43.457 --> 00:41:45.599 are also seeing in the Petrino study.
NOTE Confidence: 0.922343369285714

00:41:45.600 --> 00:41:48.729 That myelon COVID study with type 2
NOTE Confidence: 0.922343369285714

00:41:48.729 --> 00:41:51.560 immune cells which are not typically
NOTE Confidence: 0.922343369285714

00:41:51.560 --> 00:41:54.290 or it's not not useful for antiviral
NOTE Confidence: 0.922343369285714

00:41:54.290 --> 00:41:56.332 defense are being elevated in
NOTE Confidence: 0.922343369285714

00:41:56.332 --> 00:41:58.714 many of the long COVID patients.
NOTE Confidence: 0.922343369285714

00:41:58.720 --> 00:42:00.616 And that that may be reflecting
NOTE Confidence: 0.922343369285714

00:42:00.616 --> 00:42:02.405 in in what the, the,
NOTE Confidence: 0.922343369285714

00:42:02.405 --> 00:42:05.555 the questionnaires cytokine panel is showing.
NOTE Confidence: 0.922343369285714

00:42:05.560 --> 00:42:06.535 But the other thing to keep
NOTE Confidence: 0.922343369285714

00:42:06.535 --> 00:42:08.104 in mind is that cytokines,
NOTE Confidence: 0.922343369285714

00:42:08.104 --> 00:42:09.880 so the type of cytokines that

NOTE Confidence: 0.922343369285714
00:42:09.880 --> 00:42:13.564 come up and down in long COVID at
NOTE Confidence: 0.922343369285714
00:42:13.564 --> 00:42:15.896 least are different depending on
NOTE Confidence: 0.922343369285714
00:42:15.896 --> 00:42:18.036 the time from the infection.
NOTE Confidence: 0.922343369285714
00:42:18.040 --> 00:42:19.656 So earlier studies that
NOTE Confidence: 0.922343369285714
00:42:19.656 --> 00:42:21.676 have looked at cytokines at,
NOTE Confidence: 0.922343369285714
00:42:21.680 --> 00:42:22.750 let's say,
NOTE Confidence: 0.922343369285714
00:42:22.750 --> 00:42:25.425 you know weeks from infection
NOTE Confidence: 0.922343369285714
00:42:25.425 --> 00:42:28.080 versus 6-6 months to 8 months,
NOTE Confidence: 0.922343369285714
00:42:28.080 --> 00:42:30.276 the kinds of cytokines that are
NOTE Confidence: 0.922343369285714
00:42:30.276 --> 00:42:32.132 elevated in a maintained height
NOTE Confidence: 0.922343369285714
00:42:32.132 --> 00:42:34.136 in the clone COVID differ.
NOTE Confidence: 0.922343369285714
00:42:34.136 --> 00:42:35.528 So again,
NOTE Confidence: 0.922343369285714
00:42:35.528 --> 00:42:38.680 that also speaks to the importance
NOTE Confidence: 0.922343369285714
00:42:38.680 --> 00:42:42.008 of looking at post COVID issues at
NOTE Confidence: 0.922343369285714
00:42:42.008 --> 00:42:44.573 different time points to see what
NOTE Confidence: 0.922343369285714

00:42:44.573 --> 00:42:46.679 we're capturing because I think the
NOTE Confidence: 0.922343369285714

00:42:46.679 --> 00:42:48.796 disease is evolving and in some
NOTE Confidence: 0.922343369285714

00:42:48.796 --> 00:42:50.788 cases the disease gets much improved
NOTE Confidence: 0.922343369285714

00:42:50.788 --> 00:42:53.100 and people recover and in other
NOTE Confidence: 0.922343369285714

00:42:53.100 --> 00:42:55.015 cases they're not recovering and
NOTE Confidence: 0.922343369285714

00:42:55.080 --> 00:42:57.264 the type of cytokines that we're
NOTE Confidence: 0.922343369285714

00:42:57.264 --> 00:42:58.900 seeing also changes over time.
NOTE Confidence: 0.922343369285714

00:42:58.900 --> 00:42:59.080 Thank
NOTE Confidence: 0.9678922

00:43:02.280 --> 00:43:04.636 you bringing it back to the chat.
NOTE Confidence: 0.9678922

00:43:04.640 --> 00:43:06.104 A lot of people are asking
NOTE Confidence: 0.9678922

00:43:06.104 --> 00:43:07.080 about sending in samples.
NOTE Confidence: 0.9678922

00:43:07.080 --> 00:43:09.112 They want to know if they can just
NOTE Confidence: 0.9678922

00:43:09.112 --> 00:43:10.840 voluntarily send them in or how they'll
NOTE Confidence: 0.9678922

00:43:10.840 --> 00:43:12.720 know if they're going to be you know
NOTE Confidence: 0.9678922

00:43:12.720 --> 00:43:14.680 reached out to to send in samples.
NOTE Confidence: 0.9678922

00:43:14.680 --> 00:43:16.560 A lot of people want to send samples.

NOTE Confidence: 0.743173564

00:43:20.360 --> 00:43:21.240 I'll just say it's great.

NOTE Confidence: 0.743173564

00:43:21.240 --> 00:43:23.388 So we're like I said working

NOTE Confidence: 0.743173564

00:43:23.388 --> 00:43:25.560 out how best to do this.

NOTE Confidence: 0.743173564

00:43:25.560 --> 00:43:30.800 The it's doing this is is you know

NOTE Confidence: 0.743173564

00:43:30.800 --> 00:43:32.000 incur some costs cause the way

NOTE Confidence: 0.743173564

00:43:32.000 --> 00:43:33.336 that we're doing this is people

NOTE Confidence: 0.743173564

00:43:33.336 --> 00:43:34.680 give consent and then we're sending

NOTE Confidence: 0.743173564

00:43:34.720 --> 00:43:35.920 someone out to people's homes or

NOTE Confidence: 0.743173564

00:43:35.920 --> 00:43:37.920 meeting them at a quest for example,

NOTE Confidence: 0.743173564

00:43:37.920 --> 00:43:39.520 this entire study's decentralized.

NOTE Confidence: 0.743173564

00:43:39.520 --> 00:43:40.800 I mean there's several

NOTE Confidence: 0.743173564

00:43:40.800 --> 00:43:42.080 innovative features about this.

NOTE Confidence: 0.743173564

00:43:42.080 --> 00:43:43.880 We're recruiting from a community.

NOTE Confidence: 0.743173564

00:43:43.880 --> 00:43:45.768 We're trying to make it so it's all

NOTE Confidence: 0.743173564

00:43:45.768 --> 00:43:47.678 digital easy for inconvenient for people.

NOTE Confidence: 0.743173564

00:43:47.680 --> 00:43:49.160 When we're doing the Bloods,
NOTE Confidence: 0.743173564

00:43:49.160 --> 00:43:49.700 we're working.
NOTE Confidence: 0.743173564

00:43:49.700 --> 00:43:52.091 So we've got to you know pay for service
NOTE Confidence: 0.743173564

00:43:52.091 --> 00:43:54.598 to come out like you know to to do this.
NOTE Confidence: 0.743173564

00:43:54.600 --> 00:43:56.266 So we're trying to be thoughtful about
NOTE Confidence: 0.743173564

00:43:56.266 --> 00:43:58.584 how do we strategically identify you
NOTE Confidence: 0.743173564

00:43:58.584 --> 00:44:01.118 know groups that would help give us
NOTE Confidence: 0.743173564

00:44:01.118 --> 00:44:03.062 the best chance of being able to to
NOTE Confidence: 0.743173564

00:44:03.062 --> 00:44:04.904 to see signals and learn something
NOTE Confidence: 0.743173564

00:44:04.904 --> 00:44:06.679 about potential targets and diagnostics.
NOTE Confidence: 0.743173564

00:44:06.680 --> 00:44:08.135 And meanwhile we're continuing to
NOTE Confidence: 0.743173564

00:44:08.135 --> 00:44:10.616 try to raise funds so that we can
NOTE Confidence: 0.743173564

00:44:10.616 --> 00:44:12.760 do larger numbers of individuals.
NOTE Confidence: 0.743173564

00:44:12.760 --> 00:44:14.608 We're at this point have have reached
NOTE Confidence: 0.743173564

00:44:14.608 --> 00:44:16.120 out to folks, if you're interested,
NOTE Confidence: 0.743173564

00:44:16.120 --> 00:44:17.800 I mean signal to us because that

NOTE Confidence: 0.743173564

00:44:17.848 --> 00:44:18.559 makes it easier.

NOTE Confidence: 0.743173564

00:44:18.560 --> 00:44:19.880 Then we know like, OK,

NOTE Confidence: 0.743173564

00:44:19.880 --> 00:44:21.998 you know, if you've meet some.

NOTE Confidence: 0.743173564

00:44:22.000 --> 00:44:22.729 In every case,

NOTE Confidence: 0.743173564

00:44:22.729 --> 00:44:23.944 we're trying to build some

NOTE Confidence: 0.743173564

00:44:23.944 --> 00:44:25.615 criteria and identify people And if

NOTE Confidence: 0.743173564

00:44:25.615 --> 00:44:27.040 they're people who are interested,

NOTE Confidence: 0.743173564

00:44:27.040 --> 00:44:29.196 that makes it easier because it is.

NOTE Confidence: 0.743173564

00:44:29.200 --> 00:44:30.710 I don't know how much is it, Bernal,

NOTE Confidence: 0.743173564

00:44:30.710 --> 00:44:32.880 it's like 5 vials of of blood.

NOTE Confidence: 0.743173564

00:44:32.880 --> 00:44:33.933 It's, you know,

NOTE Confidence: 0.743173564

00:44:33.933 --> 00:44:36.039 people have to be willing to

NOTE Confidence: 0.743173564

00:44:36.040 --> 00:44:37.960 to participate and, you know,

NOTE Confidence: 0.743173564

00:44:37.960 --> 00:44:39.760 to have that that kind of blood draw.

NOTE Confidence: 0.743173564

00:44:39.760 --> 00:44:41.440 I know most of you've had lots

NOTE Confidence: 0.743173564

00:44:41.440 --> 00:44:42.416 of blood drawn already.
NOTE Confidence: 0.743173564

00:44:42.416 --> 00:44:43.184 By the way,
NOTE Confidence: 0.743173564

00:44:43.184 --> 00:44:45.240 when I'm hearing about people with cytokines,
NOTE Confidence: 0.743173564

00:44:45.240 --> 00:44:46.325 again another reason why we're
NOTE Confidence: 0.743173564

00:44:46.325 --> 00:44:47.647 trying to get people to connect
NOTE Confidence: 0.743173564

00:44:47.647 --> 00:44:48.805 the records because it is good
NOTE Confidence: 0.743173564

00:44:48.805 --> 00:44:50.530 for us to take advantage of of
NOTE Confidence: 0.743173564

00:44:50.530 --> 00:44:51.634 testing that's occurred elsewhere.
NOTE Confidence: 0.743173564

00:44:51.640 --> 00:44:54.320 Just even as if we're looking into folks
NOTE Confidence: 0.743173564

00:44:54.320 --> 00:44:57.039 and trying to understand what's going on.
NOTE Confidence: 0.743173564

00:44:57.040 --> 00:44:57.664 But you know,
NOTE Confidence: 0.743173564

00:44:57.664 --> 00:44:58.080 I don't,
NOTE Confidence: 0.743173564

00:44:58.080 --> 00:44:59.816 I don't know if Akiko or you or
NOTE Confidence: 0.743173564

00:44:59.816 --> 00:45:01.651 Banali has any other comment about it
NOTE Confidence: 0.743173564

00:45:01.651 --> 00:45:03.670 but if you are interested we can we
NOTE Confidence: 0.743173564

00:45:03.670 --> 00:45:05.426 can then keep a note that like you

NOTE Confidence: 0.743173564

00:45:05.426 --> 00:45:07.482 know this is someone who you know

NOTE Confidence: 0.743173564

00:45:07.482 --> 00:45:09.048 if there's an opportunity wants to

NOTE Confidence: 0.743173564

00:45:09.048 --> 00:45:11.115 lean in and and have be part of that.

NOTE Confidence: 0.743173564

00:45:11.120 --> 00:45:12.120 So we would love that.

NOTE Confidence: 0.743173564

00:45:12.120 --> 00:45:13.824 So feel free to to let us know

NOTE Confidence: 0.743173564

00:45:13.824 --> 00:45:15.452 if you're in that that you know

NOTE Confidence: 0.743173564

00:45:15.452 --> 00:45:16.597 if you feel that way.

NOTE Confidence: 0.781641879230769

00:45:16.880 --> 00:45:18.164 But Harlan, why don't you tell

NOTE Confidence: 0.781641879230769

00:45:18.164 --> 00:45:19.326 them where they should e-mail

NOTE Confidence: 0.781641879230769

00:45:19.326 --> 00:45:21.340 because it's again I see this

NOTE Confidence: 0.781641879230769

00:45:21.340 --> 00:45:22.960 confusion between Kindred and yeah

NOTE Confidence: 0.7773401573333333

00:45:23.600 --> 00:45:25.994 yeah so for for this thing for the for

NOTE Confidence: 0.7773401573333333

00:45:25.994 --> 00:45:28.396 bloods or anything regarding listen study.

NOTE Confidence: 0.7773401573333333

00:45:28.400 --> 00:45:30.038 And this is a listen group by the way.

NOTE Confidence: 0.7773401573333333

00:45:30.040 --> 00:45:31.720 We didn't open it up to all Kindred.

NOTE Confidence: 0.7773401573333333

00:45:31.720 --> 00:45:32.482 So only people.
NOTE Confidence: 0.7773401573333333

00:45:32.482 --> 00:45:34.260 This is a this is an internal
NOTE Confidence: 0.7773401573333333

00:45:34.324 --> 00:45:36.328 research meeting you know that we're
NOTE Confidence: 0.7773401573333333

00:45:36.328 --> 00:45:38.399 having and we consider each of you.
NOTE Confidence: 0.7773401573333333

00:45:38.400 --> 00:45:40.245 I mean and and I saw some of you
NOTE Confidence: 0.7773401573333333

00:45:40.245 --> 00:45:42.233 made some you know or make some
NOTE Confidence: 0.7773401573333333

00:45:42.233 --> 00:45:44.138 makes even tough comments about you
NOTE Confidence: 0.7773401573333333

00:45:44.138 --> 00:45:45.878 know criticisms or or suggestions.
NOTE Confidence: 0.7773401573333333

00:45:45.880 --> 00:45:46.450 We welcome it.
NOTE Confidence: 0.7773401573333333

00:45:46.450 --> 00:45:48.040 You guys are part of the team that's
NOTE Confidence: 0.7773401573333333

00:45:48.040 --> 00:45:49.288 what we're trying to figure out
NOTE Confidence: 0.7773401573333333

00:45:49.288 --> 00:45:50.998 how do we conduct a stay like this
NOTE Confidence: 0.7773401573333333

00:45:50.998 --> 00:45:52.704 where each of you feels that you're
NOTE Confidence: 0.7773401573333333

00:45:52.704 --> 00:45:55.752 part of the team and and so you we
NOTE Confidence: 0.7773401573333333

00:45:55.752 --> 00:45:57.817 hope you feel the opportunity to
NOTE Confidence: 0.7773401573333333

00:45:57.817 --> 00:46:00.091 to contribute ideas and and again

NOTE Confidence: 0.777340157333333
00:46:00.091 --> 00:46:02.556 we're trying to manage that we can't
NOTE Confidence: 0.777340157333333
00:46:02.556 --> 00:46:04.782 do everything but we're open to it
NOTE Confidence: 0.777340157333333
00:46:04.782 --> 00:46:07.117 to but this is the listen study
NOTE Confidence: 0.777340157333333
00:46:07.120 --> 00:46:09.598 and and and any suggestions that
NOTE Confidence: 0.777340157333333
00:46:09.598 --> 00:46:11.804 you give us that are about Kindred.
NOTE Confidence: 0.777340157333333
00:46:11.804 --> 00:46:13.968 We can pass to kindred or you can tell
NOTE Confidence: 0.777340157333333
00:46:13.968 --> 00:46:15.720 kindred that has to do with like the
NOTE Confidence: 0.777340157333333
00:46:15.720 --> 00:46:17.589 like some of the comments that were
NOTE Confidence: 0.777340157333333
00:46:17.589 --> 00:46:19.520 made about you the UX and so forth.
NOTE Confidence: 0.777340157333333
00:46:19.520 --> 00:46:21.998 But but for this and especially about
NOTE Confidence: 0.777340157333333
00:46:21.998 --> 00:46:24.248 the Bloods listen study at yale.edu.
NOTE Confidence: 0.777340157333333
00:46:24.248 --> 00:46:27.511 Listen study at yale.edu is the best
NOTE Confidence: 0.777340157333333
00:46:27.511 --> 00:46:29.450 way to funnel all of these questions
NOTE Confidence: 0.777340157333333
00:46:29.511 --> 00:46:31.359 you know say so maybe we can just
NOTE Confidence: 0.777340157333333
00:46:31.359 --> 00:46:33.434 put it again in the chat or or Mr.
NOTE Confidence: 0.777340157333333

00:46:33.440 --> 00:46:33.692 Someone.
NOTE Confidence: 0.7773401573333333

00:46:33.692 --> 00:46:35.708 Just I know you put it in before
NOTE Confidence: 0.7773401573333333

00:46:35.708 --> 00:46:37.000 but just we can put it again.
NOTE Confidence: 0.7773401573333333

00:46:37.000 --> 00:46:39.128 I'm just so happy to see so
NOTE Confidence: 0.7773401573333333

00:46:39.128 --> 00:46:40.040 many comments today.
NOTE Confidence: 0.7773401573333333

00:46:40.040 --> 00:46:41.576 It it just like I can't believe we
NOTE Confidence: 0.7773401573333333

00:46:41.576 --> 00:46:43.286 ever did research differently where we
NOTE Confidence: 0.7773401573333333

00:46:43.286 --> 00:46:45.194 didn't have this opportunity to interact.
NOTE Confidence: 0.7773401573333333

00:46:45.200 --> 00:46:47.234 I wish we could put everyone on the screen.
NOTE Confidence: 0.7773401573333333

00:46:47.240 --> 00:46:49.417 It just sort of actually became a
NOTE Confidence: 0.7773401573333333

00:46:49.417 --> 00:46:51.107 technical issue around how can we
NOTE Confidence: 0.7773401573333333

00:46:51.107 --> 00:46:53.038 do that and also make sure that you
NOTE Confidence: 0.7773401573333333

00:46:53.038 --> 00:46:54.270 know it's lots of people didn't want
NOTE Confidence: 0.7773401573333333

00:46:54.270 --> 00:46:55.400 to come on the screen by the way.
NOTE Confidence: 0.7773401573333333

00:46:55.400 --> 00:46:56.912 So it's sort of like what what's
NOTE Confidence: 0.7773401573333333

00:46:56.912 --> 00:46:58.280 the best way to balance it.

NOTE Confidence: 0.777340157333333
00:46:58.280 --> 00:46:59.848 I don't want you to think like
NOTE Confidence: 0.777340157333333
00:46:59.848 --> 00:47:00.720 it's all about us.
NOTE Confidence: 0.777340157333333
00:47:00.720 --> 00:47:01.342 It's really,
NOTE Confidence: 0.777340157333333
00:47:01.342 --> 00:47:03.208 I would prefer to see everyone
NOTE Confidence: 0.777340157333333
00:47:03.208 --> 00:47:04.758 that would be so much fun,
NOTE Confidence: 0.777340157333333
00:47:04.760 --> 00:47:06.092 but that's for now,
NOTE Confidence: 0.777340157333333
00:47:06.092 --> 00:47:07.390 This is, you know,
NOTE Confidence: 0.777340157333333
00:47:07.390 --> 00:47:09.594 the sort of technology that we're dealing
NOTE Confidence: 0.777340157333333
00:47:09.594 --> 00:47:13.091 with and why we're trying to to do that.
NOTE Confidence: 0.777340157333333
00:47:13.091 --> 00:47:16.818 And and I I know that you know many,
NOTE Confidence: 0.777340157333333
00:47:16.818 --> 00:47:17.316 like I said,
NOTE Confidence: 0.777340157333333
00:47:17.320 --> 00:47:18.080 I saw the, you know,
NOTE Confidence: 0.777340157333333
00:47:18.080 --> 00:47:19.790 last comment about you know
NOTE Confidence: 0.777340157333333
00:47:19.790 --> 00:47:21.158 impatience and so forth.
NOTE Confidence: 0.777340157333333
00:47:21.160 --> 00:47:23.160 Yeah, that that we should all be impatient,
NOTE Confidence: 0.777340157333333

00:47:23.160 --> 00:47:24.870 continue to be impatient and
NOTE Confidence: 0.777340157333333

00:47:24.870 --> 00:47:26.238 unhappy with the progress.
NOTE Confidence: 0.777340157333333

00:47:26.240 --> 00:47:27.344 I mean I don't think any of us
NOTE Confidence: 0.777340157333333

00:47:27.344 --> 00:47:28.279 are happy with the progress.
NOTE Confidence: 0.777340157333333

00:47:28.280 --> 00:47:28.551 So.
NOTE Confidence: 0.777340157333333

00:47:28.551 --> 00:47:30.448 So we're trying to figure out how
NOTE Confidence: 0.777340157333333

00:47:30.448 --> 00:47:32.866 to do this faster and better and and
NOTE Confidence: 0.777340157333333

00:47:32.866 --> 00:47:34.357 we're going to be looking for some,
NOTE Confidence: 0.777340157333333

00:47:34.360 --> 00:47:34.984 you know,
NOTE Confidence: 0.777340157333333

00:47:34.984 --> 00:47:36.544 resources to continue to expand
NOTE Confidence: 0.777340157333333

00:47:36.544 --> 00:47:37.720 what we can do.
NOTE Confidence: 0.952044528333333

00:47:40.360 --> 00:47:42.902 Yeah. I'm just so grateful that you
NOTE Confidence: 0.952044528333333

00:47:42.902 --> 00:47:45.194 are willing to participate in the,
NOTE Confidence: 0.952044528333333

00:47:45.200 --> 00:47:47.660 the biospecimen donation that that
NOTE Confidence: 0.952044528333333

00:47:47.660 --> 00:47:50.850 means a lot to us because that's
NOTE Confidence: 0.952044528333333

00:47:50.850 --> 00:47:53.856 how we are going to understand the

NOTE Confidence: 0.952044528333333
00:47:53.856 --> 00:47:56.796 underlying biology behind these diseases.
NOTE Confidence: 0.952044528333333
00:47:56.800 --> 00:47:58.880 So thank you so much.
NOTE Confidence: 0.952044528333333
00:47:58.880 --> 00:48:01.316 We really look forward to you.
NOTE Confidence: 0.952044528333333
00:48:01.320 --> 00:48:02.760 You know, if there's a button to click,
NOTE Confidence: 0.952044528333333
00:48:02.760 --> 00:48:04.902 it's easier but if you could just
NOTE Confidence: 0.952044528333333
00:48:04.902 --> 00:48:06.570 e-mail us who's interested And
NOTE Confidence: 0.952044528333333
00:48:06.570 --> 00:48:08.670 that way Bornali can also put
NOTE Confidence: 0.952044528333333
00:48:08.670 --> 00:48:10.833 that in the consideration for
NOTE Confidence: 0.952044528333333
00:48:10.833 --> 00:48:12.252 future recruitment purposes.
NOTE Confidence: 0.952044528333333
00:48:12.252 --> 00:48:13.776 So thank, thank you,
NOTE Confidence: 0.952044528333333
00:48:13.776 --> 00:48:14.640 very grateful. Thank
NOTE Confidence: 0.534768606
00:48:18.000 --> 00:48:18.840 you. How many other things?
NOTE Confidence: 0.534768606
00:48:18.840 --> 00:48:19.980 Anyone else anything else you want
NOTE Confidence: 0.534768606
00:48:19.980 --> 00:48:21.425 to try to we have like another
NOTE Confidence: 0.534768606
00:48:21.425 --> 00:48:22.715 maybe time for one more thing.
NOTE Confidence: 0.733521522

00:48:26.000 --> 00:48:28.640 Yes, we have another question.
NOTE Confidence: 0.733521522

00:48:28.640 --> 00:48:30.840 Have you seen elevated VEGF?
NOTE Confidence: 0.733521522

00:48:30.840 --> 00:48:32.400 What is your understanding about why
NOTE Confidence: 0.733521522

00:48:32.400 --> 00:48:34.159 that happens and what do you suggest?
NOTE Confidence: 0.864922545833334

00:48:36.000 --> 00:48:38.256 Yeah, again, we haven't measured the
NOTE Confidence: 0.864922545833334

00:48:38.256 --> 00:48:40.719 cytokines yet from the lesson cohort,
NOTE Confidence: 0.864922545833334

00:48:40.720 --> 00:48:43.093 but there are other studies that are
NOTE Confidence: 0.864922545833334

00:48:43.093 --> 00:48:45.300 looking at those issues and and it
NOTE Confidence: 0.864922545833334

00:48:45.300 --> 00:48:47.760 does depend on the time of collection.
NOTE Confidence: 0.864922545833334

00:48:47.760 --> 00:48:49.800 In our Mylan COVID study we're,
NOTE Confidence: 0.864922545833334

00:48:49.800 --> 00:48:52.920 we're not seeing a huge signal for VEGF,
NOTE Confidence: 0.864922545833334

00:48:52.920 --> 00:48:55.120 but others have reported some.
NOTE Confidence: 0.864922545833334

00:48:55.120 --> 00:48:56.638 So I think again it's too
NOTE Confidence: 0.864922545833334

00:48:56.638 --> 00:48:58.360 early to say what that means,
NOTE Confidence: 0.864922545833334

00:48:58.360 --> 00:49:00.950 but I'm very interested there's a lot
NOTE Confidence: 0.864922545833334

00:49:00.950 --> 00:49:02.839 of vascular involvement obviously for

NOTE Confidence: 0.864922545833334
00:49:02.839 --> 00:49:05.345 long COVID and post vaccine issues and
NOTE Confidence: 0.864922545833334
00:49:05.345 --> 00:49:07.654 that's why we are including the the
NOTE Confidence: 0.864922545833334
00:49:07.654 --> 00:49:09.400 micro clot and platelet activation
NOTE Confidence: 0.864922545833334
00:49:09.400 --> 00:49:11.800 analysis in addition to cytokines.
NOTE Confidence: 0.697611935
00:49:14.240 --> 00:49:15.200 I'll just say some real quick.
NOTE Confidence: 0.697611935
00:49:15.200 --> 00:49:17.536 I just saw a comment about the Nature
NOTE Confidence: 0.697611935
00:49:17.536 --> 00:49:19.390 Medicine article that came that did try
NOTE Confidence: 0.697611935
00:49:19.390 --> 00:49:21.232 to create this sort of classification
NOTE Confidence: 0.697611935
00:49:21.232 --> 00:49:23.120 system and they were depending on codes,
NOTE Confidence: 0.697611935
00:49:23.120 --> 00:49:26.600 you know, that was done out of out of
NOTE Confidence: 0.697611935
00:49:26.600 --> 00:49:29.000 out of a consortium of institutions.
NOTE Confidence: 0.697611935
00:49:29.000 --> 00:49:30.992 I I think I I applaud anybody who's
NOTE Confidence: 0.697611935
00:49:30.992 --> 00:49:33.040 trying to add additional information.
NOTE Confidence: 0.697611935
00:49:33.040 --> 00:49:34.777 One of the things we're hoping to be able
NOTE Confidence: 0.697611935
00:49:34.777 --> 00:49:37.142 to do is not just take codes because if
NOTE Confidence: 0.697611935

00:49:37.142 --> 00:49:39.627 you think the medical records got issues

NOTE Confidence: 0.697611935

00:49:39.627 --> 00:49:41.931 when people are actually coding and

NOTE Confidence: 0.697611935

00:49:41.931 --> 00:49:44.040 labeling with these are billing codes,

NOTE Confidence: 0.697611935

00:49:44.040 --> 00:49:45.462 you know what people are putting

NOTE Confidence: 0.697611935

00:49:45.462 --> 00:49:46.820 up for billing codes can often

NOTE Confidence: 0.697611935

00:49:46.820 --> 00:49:50.440 be also even more inaccurate.

NOTE Confidence: 0.697611935

00:49:50.440 --> 00:49:52.480 Yeah, claims studies.

NOTE Confidence: 0.697611935

00:49:52.480 --> 00:49:55.200 And so we again,

NOTE Confidence: 0.697611935

00:49:55.200 --> 00:49:56.520 I'm glad they did it well.

NOTE Confidence: 0.697611935

00:49:56.520 --> 00:49:58.566 We do think that getting the

NOTE Confidence: 0.697611935

00:49:58.566 --> 00:49:59.930 patient reported information and

NOTE Confidence: 0.697611935

00:49:59.995 --> 00:50:01.535 then triangulating that with a

NOTE Confidence: 0.697611935

00:50:01.535 --> 00:50:03.758 some of this other stuff from the

NOTE Confidence: 0.697611935

00:50:03.758 --> 00:50:05.318 electronic record will give us

NOTE Confidence: 0.697611935

00:50:05.320 --> 00:50:07.785 more precise understanding of what

NOTE Confidence: 0.697611935

00:50:07.785 --> 00:50:10.180 people are experiencing and and I

NOTE Confidence: 0.697611935

00:50:10.180 --> 00:50:11.440 think it'll complement what that is.

NOTE Confidence: 0.697611935

00:50:11.440 --> 00:50:12.598 And then ultimately as Akiko said,

NOTE Confidence: 0.697611935

00:50:12.600 --> 00:50:14.408 I mean gosh one of the great privileges

NOTE Confidence: 0.697611935

00:50:14.408 --> 00:50:16.434 for me is to work with her in her lab.

NOTE Confidence: 0.697611935

00:50:16.440 --> 00:50:19.356 And I think you know if we we it's

NOTE Confidence: 0.697611935

00:50:19.360 --> 00:50:21.120 what's desperately needed to understand

NOTE Confidence: 0.697611935

00:50:21.120 --> 00:50:22.880 underlying mechanisms in the biology.

NOTE Confidence: 0.697611935

00:50:22.880 --> 00:50:25.464 So we can work hard to try to

NOTE Confidence: 0.697611935

00:50:25.464 --> 00:50:26.880 characterize people's experience,

NOTE Confidence: 0.697611935

00:50:26.880 --> 00:50:28.320 understand their outcomes,

NOTE Confidence: 0.697611935

00:50:28.320 --> 00:50:31.252 but then you know ultimately it what

NOTE Confidence: 0.697611935

00:50:31.252 --> 00:50:33.114 we really need to understand is the

NOTE Confidence: 0.697611935

00:50:33.114 --> 00:50:34.820 biology behind this so that we can

NOTE Confidence: 0.697611935

00:50:34.820 --> 00:50:36.718 be able to create testing and and

NOTE Confidence: 0.697611935

00:50:36.718 --> 00:50:38.874 treatments that that can make a difference.

NOTE Confidence: 0.813627362857143

00:50:42.480 --> 00:50:43.796 Do we have time for another question?
NOTE Confidence: 0.796951552222222

00:50:44.560 --> 00:50:46.485 Yeah, maybe one last I guess we
NOTE Confidence: 0.796951552222222

00:50:46.485 --> 00:50:48.600 last question, how about that?
NOTE Confidence: 0.796951552222222

00:50:48.600 --> 00:50:51.076 OK and and by the way people can,
NOTE Confidence: 0.796951552222222

00:50:51.080 --> 00:50:51.920 I mean I hope Talia,
NOTE Confidence: 0.796951552222222

00:50:51.920 --> 00:50:54.056 like all of these comments, those of us
NOTE Confidence: 0.796951552222222

00:50:54.056 --> 00:50:55.560 who are doing this haven't been able to.
NOTE Confidence: 0.796951552222222

00:50:55.560 --> 00:50:57.835 There's lots of content that's been created.
NOTE Confidence: 0.796951552222222

00:50:57.840 --> 00:51:00.164 So we can also try to answer
NOTE Confidence: 0.796951552222222

00:51:00.164 --> 00:51:02.318 questions after this to try to impost
NOTE Confidence: 0.796951552222222

00:51:02.320 --> 00:51:04.000 somewhere so people can see answers.
NOTE Confidence: 0.796951552222222

00:51:04.000 --> 00:51:05.472 So it's not just like who got their
NOTE Confidence: 0.796951552222222

00:51:05.472 --> 00:51:06.758 questions is we can look it's right.
NOTE Confidence: 0.796951552222222

00:51:06.760 --> 00:51:08.237 We get to keep, we can keep,
NOTE Confidence: 0.796951552222222

00:51:08.240 --> 00:51:09.717 we can look over this list afterwards.
NOTE Confidence: 0.796951552222222

00:51:09.720 --> 00:51:11.520 Right. Talia is that, yeah

NOTE Confidence: 0.82694071

00:51:12.080 --> 00:51:13.235 the the pre submitted questions

NOTE Confidence: 0.82694071

00:51:13.235 --> 00:51:15.051 for sure and I think we can we

NOTE Confidence: 0.82694071

00:51:15.051 --> 00:51:16.720 can send these questions as well.

NOTE Confidence: 0.82694071

00:51:16.720 --> 00:51:18.599 We can save the questions from the chat

NOTE Confidence: 0.761673103529412

00:51:18.720 --> 00:51:20.430 in the comments so that we can we can

NOTE Confidence: 0.761673103529412

00:51:20.430 --> 00:51:22.118 make sure we keep that as an archive.

NOTE Confidence: 0.761673103529412

00:51:22.120 --> 00:51:24.920 So we can address some of that.

NOTE Confidence: 0.761673103529412

00:51:24.920 --> 00:51:26.640 Yeah, go ahead, go ahead.

NOTE Confidence: 0.761673103529412

00:51:26.640 --> 00:51:30.360 Last one we have one

NOTE Confidence: 0.838096569166667

00:51:36.800 --> 00:51:38.635 has there been communication or

NOTE Confidence: 0.838096569166667

00:51:38.635 --> 00:51:40.470 collaboration of any sort between

NOTE Confidence: 0.838096569166667

00:51:40.527 --> 00:51:42.063 our two principal investigators

NOTE Confidence: 0.838096569166667

00:51:42.063 --> 00:51:43.983 and the FDA vaccine biologics

NOTE Confidence: 0.838096569166667

00:51:43.983 --> 00:51:45.440 branch branch or the CDC.

NOTE Confidence: 0.702756231428571

00:51:49.960 --> 00:51:52.288 Well I'll let it I'll just

NOTE Confidence: 0.702756231428571

00:51:52.288 --> 00:51:54.354 say we are I I haven't talked

NOTE Confidence: 0.702756231428571

00:51:54.354 --> 00:51:55.880 specifically with the vaccine brands.

NOTE Confidence: 0.702756231428571

00:51:55.880 --> 00:51:57.936 I mean I think we need to generate

NOTE Confidence: 0.702756231428571

00:51:57.936 --> 00:51:59.637 some insights that we want to share

NOTE Confidence: 0.702756231428571

00:51:59.640 --> 00:52:00.840 in order to be able to do that.

NOTE Confidence: 0.702756231428571

00:52:00.840 --> 00:52:02.816 But we have a lot of discussions back

NOTE Confidence: 0.702756231428571

00:52:02.816 --> 00:52:04.564 and forth with CDC and other groups.

NOTE Confidence: 0.702756231428571

00:52:04.564 --> 00:52:05.540 I haven't spoken specifically

NOTE Confidence: 0.702756231428571

00:52:05.540 --> 00:52:06.516 with the vaccine group.

NOTE Confidence: 0.702756231428571

00:52:06.520 --> 00:52:08.188 I don't know Kiko.

NOTE Confidence: 0.702756231428571

00:52:08.188 --> 00:52:10.750 I think we don't have any results

NOTE Confidence: 0.702756231428571

00:52:10.750 --> 00:52:12.630 yet to share only but I will I'm

NOTE Confidence: 0.702756231428571

00:52:12.684 --> 00:52:14.287 I say publicly all the time that

NOTE Confidence: 0.702756231428571

00:52:14.287 --> 00:52:16.175 you know I know that there are

NOTE Confidence: 0.702756231428571

00:52:16.175 --> 00:52:17.886 people who are suffering who had

NOTE Confidence: 0.702756231428571

00:52:17.886 --> 00:52:19.316 symptoms developed soon after they

NOTE Confidence: 0.702756231428571

00:52:19.316 --> 00:52:21.258 got the vaccine and we need to

NOTE Confidence: 0.702756231428571

00:52:21.258 --> 00:52:22.916 understand that and and by the way

NOTE Confidence: 0.702756231428571

00:52:22.916 --> 00:52:24.800 like I said two things can be true.

NOTE Confidence: 0.702756231428571

00:52:24.800 --> 00:52:27.176 The vaccines can be on average

NOTE Confidence: 0.702756231428571

00:52:27.176 --> 00:52:29.155 beneficial for populations and have

NOTE Confidence: 0.702756231428571

00:52:29.155 --> 00:52:30.674 saved millions of lives and and it

NOTE Confidence: 0.702756231428571

00:52:30.674 --> 00:52:32.173 still can be true that there are

NOTE Confidence: 0.702756231428571

00:52:32.173 --> 00:52:33.493 people who have been injured by

NOTE Confidence: 0.702756231428571

00:52:33.493 --> 00:52:35.130 them and so we shouldn't be afraid

NOTE Confidence: 0.702756231428571

00:52:35.130 --> 00:52:37.208 to look into it but we we need

NOTE Confidence: 0.702756231428571

00:52:37.208 --> 00:52:38.563 to generate some knowledge about

NOTE Confidence: 0.702756231428571

00:52:38.563 --> 00:52:40.382 this so that we can provide the

NOTE Confidence: 0.702756231428571

00:52:40.382 --> 00:52:42.440 insight and and and also I just

NOTE Confidence: 0.702756231428571

00:52:42.440 --> 00:52:44.000 think the idea that people

NOTE Confidence: 0.740587604285714

00:52:46.040 --> 00:52:48.196 both along COVID and for vaccine injury.

NOTE Confidence: 0.740587604285714

00:52:48.200 --> 00:52:50.996 We just need to help advocate
NOTE Confidence: 0.740587604285714

00:52:51.000 --> 00:52:52.640 for understanding about what
NOTE Confidence: 0.740587604285714

00:52:52.640 --> 00:52:54.280 people's lives are like.
NOTE Confidence: 0.740587604285714

00:52:54.280 --> 00:52:56.164 Because I just think people who
NOTE Confidence: 0.740587604285714

00:52:56.164 --> 00:52:57.771 aren't experiencing what you all
NOTE Confidence: 0.740587604285714

00:52:57.771 --> 00:52:59.236 are experiencing have so little
NOTE Confidence: 0.740587604285714

00:52:59.236 --> 00:53:01.200 ability to to really appreciate it.
NOTE Confidence: 0.740587604285714

00:53:01.200 --> 00:53:03.980 And I don't think we have the full
NOTE Confidence: 0.740587604285714

00:53:03.980 --> 00:53:05.240 ability because we're not living it.
NOTE Confidence: 0.740587604285714

00:53:05.240 --> 00:53:07.438 But we've heard from so many people
NOTE Confidence: 0.740587604285714

00:53:07.440 --> 00:53:09.030 that you know we've internalized a
NOTE Confidence: 0.740587604285714

00:53:09.030 --> 00:53:10.694 lot of what people have experienced
NOTE Confidence: 0.740587604285714

00:53:10.694 --> 00:53:12.344 and I'll keep going if you
NOTE Confidence: 0.740587604285714

00:53:12.344 --> 00:53:13.798 any comment to that question.
NOTE Confidence: 0.903241387272727

00:53:14.320 --> 00:53:16.294 I mean, yeah, thanks to the my
NOTE Confidence: 0.903241387272727

00:53:16.294 --> 00:53:17.520 participation in this group,

NOTE Confidence: 0.903241387272727
00:53:17.520 --> 00:53:20.292 I I I've now recently gotten a
NOTE Confidence: 0.903241387272727
00:53:20.292 --> 00:53:22.949 lot of interest from newspaper
NOTE Confidence: 0.903241387272727
00:53:22.949 --> 00:53:24.810 reporters interested in covering
NOTE Confidence: 0.903241387272727
00:53:24.810 --> 00:53:27.540 why or or how some people are
NOTE Confidence: 0.903241387272727
00:53:27.615 --> 00:53:30.240 suffering from post vaccine issues.
NOTE Confidence: 0.903241387272727
00:53:30.240 --> 00:53:33.845 And I I'm not afraid to
NOTE Confidence: 0.903241387272727
00:53:33.845 --> 00:53:35.353 speak about this issue.
NOTE Confidence: 0.903241387272727
00:53:35.360 --> 00:53:37.656 As I told you all like I'm
NOTE Confidence: 0.903241387272727
00:53:37.656 --> 00:53:38.640 a vaccine researchers,
NOTE Confidence: 0.903241387272727
00:53:38.640 --> 00:53:41.531 we've been trying to develop safe and
NOTE Confidence: 0.903241387272727
00:53:41.531 --> 00:53:44.077 effective vaccines for the last 20 years.
NOTE Confidence: 0.903241387272727
00:53:44.080 --> 00:53:46.110 But I also understand that a small
NOTE Confidence: 0.903241387272727
00:53:46.110 --> 00:53:47.864 number of people are being affected
NOTE Confidence: 0.903241387272727
00:53:47.864 --> 00:53:50.175 by the vaccines and this is a real
NOTE Confidence: 0.903241387272727
00:53:50.175 --> 00:53:52.520 biological issue that needs to be studied.
NOTE Confidence: 0.903241387272727

00:53:52.520 --> 00:53:55.622 So there will be hopefully more
NOTE Confidence: 0.903241387272727

00:53:55.622 --> 00:53:58.768 coverage and more sort of light
NOTE Confidence: 0.903241387272727

00:53:58.768 --> 00:54:02.184 shining on on this group of people
NOTE Confidence: 0.903241387272727

00:54:02.184 --> 00:54:04.402 because I think you know it's even
NOTE Confidence: 0.903241387272727

00:54:04.402 --> 00:54:05.960 harder than having long COVID.
NOTE Confidence: 0.903241387272727

00:54:05.960 --> 00:54:08.336 Long COVID at least is being
NOTE Confidence: 0.903241387272727

00:54:08.336 --> 00:54:09.920 publicly recognized and discussed.
NOTE Confidence: 0.903241387272727

00:54:09.920 --> 00:54:13.208 But post vaccine injury issues are very
NOTE Confidence: 0.903241387272727

00:54:13.208 --> 00:54:15.504 little discussion is going on and I
NOTE Confidence: 0.903241387272727

00:54:15.504 --> 00:54:17.840 think that it's time to change that.
NOTE Confidence: 0.903241387272727

00:54:17.840 --> 00:54:19.502 And I think this lesson study
NOTE Confidence: 0.903241387272727

00:54:19.502 --> 00:54:21.560 will allow us to have the right
NOTE Confidence: 0.903241387272727

00:54:21.560 --> 00:54:23.330 kind of insights to share with
NOTE Confidence: 0.903241387272727

00:54:23.330 --> 00:54:25.200 the world about this disease.
NOTE Confidence: 0.903241387272727

00:54:25.200 --> 00:54:26.412 And I think that's a strong
NOTE Confidence: 0.903241387272727

00:54:26.412 --> 00:54:27.882 way to kind of communicate with

NOTE Confidence: 0.903241387272727

00:54:27.882 --> 00:54:29.397 the public what's going on.

NOTE Confidence: 0.903241387272727

00:54:29.400 --> 00:54:29.600 Yeah.

NOTE Confidence: 0.858292106

00:54:33.560 --> 00:54:35.120 Well, let me just say we're at at the hour.

NOTE Confidence: 0.858292106

00:54:35.120 --> 00:54:36.200 I want to thank everyone.

NOTE Confidence: 0.858292106

00:54:36.200 --> 00:54:37.925 I want to thank the the, the,

NOTE Confidence: 0.858292106

00:54:37.925 --> 00:54:39.635 the Hugo team for saying stuff,

NOTE Confidence: 0.858292106

00:54:39.640 --> 00:54:41.957 Kindred team for helping to support us,

NOTE Confidence: 0.858292106

00:54:41.960 --> 00:54:43.760 our own listen research team.

NOTE Confidence: 0.858292106

00:54:43.760 --> 00:54:46.504 I want to thank Cesar and Bernali and

NOTE Confidence: 0.858292106

00:54:46.504 --> 00:54:48.872 especially for me Akiko for who's just

NOTE Confidence: 0.858292106

00:54:48.872 --> 00:54:51.480 become such a good friend and colleague.

NOTE Confidence: 0.858292106

00:54:51.480 --> 00:54:53.208 And I so appreciate her involvement

NOTE Confidence: 0.858292106

00:54:53.208 --> 00:54:55.165 and help And you can hear when

NOTE Confidence: 0.858292106

00:54:55.165 --> 00:54:56.908 when you hear her talk what how

NOTE Confidence: 0.858292106

00:54:56.968 --> 00:55:00.155 important it is that we have her as

NOTE Confidence: 0.858292106

00:55:00.155 --> 00:55:02.718 part of you know in your corner.
NOTE Confidence: 0.858292106

00:55:02.718 --> 00:55:04.074 Let me say it like that,
NOTE Confidence: 0.858292106

00:55:04.080 --> 00:55:05.522 that she's in your corners in addition
NOTE Confidence: 0.858292106

00:55:05.522 --> 00:55:07.239 to be an extraordinary scientist.
NOTE Confidence: 0.858292106

00:55:07.240 --> 00:55:10.720 So this is really great.
NOTE Confidence: 0.858292106

00:55:10.720 --> 00:55:10.897 Talia.
NOTE Confidence: 0.858292106

00:55:10.897 --> 00:55:11.959 I'll hand it back to you.
NOTE Confidence: 0.971035175

00:55:13.280 --> 00:55:14.564 Thank you everyone for being here.
NOTE Confidence: 0.971035175

00:55:14.564 --> 00:55:16.440 Thank you to everyone on the Listen team.
NOTE Confidence: 0.899836628333333

00:55:16.440 --> 00:55:19.080 This has been another incredible event.
NOTE Confidence: 0.899836628333333

00:55:19.080 --> 00:55:20.942 I know that it's your input is
NOTE Confidence: 0.899836628333333

00:55:20.942 --> 00:55:22.777 just so helpful for the research
NOTE Confidence: 0.899836628333333

00:55:22.777 --> 00:55:24.397 and hearing everything that you
NOTE Confidence: 0.899836628333333

00:55:24.397 --> 00:55:26.559 say and especially your research,
NOTE Confidence: 0.899836628333333

00:55:26.560 --> 00:55:28.520 your input on the website.
NOTE Confidence: 0.899836628333333

00:55:28.520 --> 00:55:29.560 Definitely On the Kindred End,

NOTE Confidence: 0.899836628333333

00:55:29.560 --> 00:55:31.632 we're definitely going to take all those

NOTE Confidence: 0.899836628333333

00:55:31.632 --> 00:55:33.180 comments into consideration and see how

NOTE Confidence: 0.899836628333333

00:55:33.180 --> 00:55:34.608 we can make everything a little bit

NOTE Confidence: 0.899836628333333

00:55:34.660 --> 00:55:36.358 more intuitive and easier for everyone.

NOTE Confidence: 0.899836628333333

00:55:36.360 --> 00:55:38.824 Because we want you know we want the

NOTE Confidence: 0.899836628333333

00:55:38.824 --> 00:55:41.329 process to be as simple as possible so

NOTE Confidence: 0.899836628333333

00:55:41.329 --> 00:55:43.072 that you're not you know turned away

NOTE Confidence: 0.899836628333333

00:55:43.072 --> 00:55:44.318 from contributing to the research.

NOTE Confidence: 0.899836628333333

00:55:44.320 --> 00:55:46.048 I did also want to say I forgot to

NOTE Confidence: 0.899836628333333

00:55:46.048 --> 00:55:47.497 mention the beginning but you can

NOTE Confidence: 0.899836628333333

00:55:47.497 --> 00:55:48.950 mark your calendars for May 23rd

NOTE Confidence: 0.899836628333333

00:55:48.950 --> 00:55:50.486 at 6:00 PM Doctor Wes Eli is going

NOTE Confidence: 0.899836628333333

00:55:50.486 --> 00:55:52.120 to be joining us for Kindred Cafe.

NOTE Confidence: 0.899836628333333

00:55:52.120 --> 00:55:54.316 So super exciting few months out.

NOTE Confidence: 0.899836628333333

00:55:54.320 --> 00:55:56.329 We have some other you know ideas

NOTE Confidence: 0.899836628333333

00:55:56.329 --> 00:55:58.874 lined up for the the months in between

NOTE Confidence: 0.899836628333333

00:55:58.874 --> 00:56:00.999 but definitely May 23rd is is set.

NOTE Confidence: 0.899836628333333

00:56:01.000 --> 00:56:03.478 So yeah, hope to see you there.

NOTE Confidence: 0.899836628333333

00:56:03.480 --> 00:56:03.790 And.

NOTE Confidence: 0.899836628333333

00:56:03.790 --> 00:56:04.720 Yeah, and I

NOTE Confidence: 0.843924353076923

00:56:04.720 --> 00:56:07.114 think we will, I think we will run a

NOTE Confidence: 0.843924353076923

00:56:07.114 --> 00:56:08.768 cafe for for the internal vibrations

NOTE Confidence: 0.843924353076923

00:56:08.768 --> 00:56:11.200 and tremors toward the end of March to

NOTE Confidence: 0.843924353076923

00:56:11.254 --> 00:56:13.262 try to bring together a group and and

NOTE Confidence: 0.843924353076923

00:56:13.262 --> 00:56:15.120 figure out what people think about that.

NOTE Confidence: 0.843924353076923

00:56:15.120 --> 00:56:16.572 And again, on all these comments,

NOTE Confidence: 0.843924353076923

00:56:16.572 --> 00:56:18.318 anything you can give us that helps

NOTE Confidence: 0.843924353076923

00:56:18.318 --> 00:56:19.956 us to think about how to encourage

NOTE Confidence: 0.843924353076923

00:56:19.956 --> 00:56:21.600 people to fill out questionnaires.

NOTE Confidence: 0.843924353076923

00:56:21.600 --> 00:56:23.040 I know what part of this on the UX,

NOTE Confidence: 0.843924353076923

00:56:23.040 --> 00:56:24.876 but also to get people connected.

NOTE Confidence: 0.843924353076923

00:56:24.880 --> 00:56:27.112 All that will be really welcome on our side.

NOTE Confidence: 0.843924353076923

00:56:27.120 --> 00:56:29.840 We want to hear your suggestions about that.

NOTE Confidence: 0.843924353076923

00:56:29.840 --> 00:56:33.000 Thank you. Thank you, everyone.

NOTE Confidence: 0.843924353076923

00:56:33.000 --> 00:56:33.600 Bye. Bye. Goodbye.