

WEBVTT

NOTE duration:"00:57:07"

NOTE recognizability:0.868

NOTE language:en-us

NOTE Confidence: 0.83234658375

00:00:04.120 --> 00:00:05.240 Hi everybody.

NOTE Confidence: 0.83234658375

00:00:05.240 --> 00:00:08.600 Welcome to the Listen Town Hall.

NOTE Confidence: 0.83234658375

00:00:08.600 --> 00:00:10.238 Actually, I'm on a train right now,

NOTE Confidence: 0.83234658375

00:00:10.240 --> 00:00:11.836 so let me just tell you,

NOTE Confidence: 0.83234658375

00:00:11.840 --> 00:00:14.120 this is under unique circumstances,

NOTE Confidence: 0.83234658375

00:00:14.120 --> 00:00:16.406 but everyone else is in secure

NOTE Confidence: 0.83234658375

00:00:16.406 --> 00:00:18.265 locations where they'll be able

NOTE Confidence: 0.83234658375

00:00:18.265 --> 00:00:20.396 to help in case I I bump off.

NOTE Confidence: 0.83234658375

00:00:20.400 --> 00:00:23.316 But one, we wanted to really

NOTE Confidence: 0.83234658375

00:00:23.320 --> 00:00:25.560 highlight how special this is.

NOTE Confidence: 0.83234658375

00:00:25.560 --> 00:00:27.121 We're so thrilled to be able to

NOTE Confidence: 0.83234658375

00:00:27.121 --> 00:00:28.695 have a meeting with people who

NOTE Confidence: 0.83234658375

00:00:28.695 --> 00:00:30.120 are participating in the study.

NOTE Confidence: 0.83234658375

00:00:30.120 --> 00:00:32.045 We're so appreciative of everyone's  
NOTE Confidence: 0.83234658375

00:00:32.045 --> 00:00:34.806 time and effort and the ways that  
NOTE Confidence: 0.83234658375

00:00:34.806 --> 00:00:36.731 they've been able to contribute  
NOTE Confidence: 0.83234658375

00:00:36.731 --> 00:00:38.798 the messages that they sent us,  
NOTE Confidence: 0.83234658375

00:00:38.800 --> 00:00:41.080 the information that's being provided.  
NOTE Confidence: 0.83234658375

00:00:41.080 --> 00:00:45.600 And we we can only do this through  
NOTE Confidence: 0.83234658375

00:00:45.600 --> 00:00:46.640 the approach that we're taking,  
NOTE Confidence: 0.83234658375

00:00:46.640 --> 00:00:47.837 which is that each of you is  
NOTE Confidence: 0.83234658375

00:00:47.837 --> 00:00:48.840 actually a member of the team.  
NOTE Confidence: 0.83234658375

00:00:48.840 --> 00:00:50.400 And we feel like we're just beginning this.  
NOTE Confidence: 0.83234658375

00:00:50.400 --> 00:00:52.296 I mean we're we're just in a point  
NOTE Confidence: 0.83234658375

00:00:52.296 --> 00:00:53.758 where we're able to invite people  
NOTE Confidence: 0.83234658375

00:00:53.758 --> 00:00:55.480 and and in and to start talking  
NOTE Confidence: 0.83234658375

00:00:55.480 --> 00:00:57.118 about the plans that we have.  
NOTE Confidence: 0.83234658375

00:00:57.120 --> 00:00:59.480 We've just reached 1000 people.  
NOTE Confidence: 0.83234658375

00:00:59.480 --> 00:01:01.839 The group includes people reporting on COVID,

NOTE Confidence: 0.83234658375  
00:01:01.840 --> 00:01:03.466 people reporting vaccine  
NOTE Confidence: 0.83234658375  
00:01:03.466 --> 00:01:05.634 and people reporting both.  
NOTE Confidence: 0.83234658375  
00:01:05.640 --> 00:01:07.050 Let me just say we're just  
NOTE Confidence: 0.83234658375  
00:01:07.050 --> 00:01:08.329 starting to reach enough people  
NOTE Confidence: 0.83234658375  
00:01:08.329 --> 00:01:09.779 to start producing insights from  
NOTE Confidence: 0.83234658375  
00:01:09.779 --> 00:01:11.360 the surveys and medical records.  
NOTE Confidence: 0.83234658375  
00:01:11.360 --> 00:01:13.196 We encourage all the listen participants  
NOTE Confidence: 0.83234658375  
00:01:13.196 --> 00:01:14.880 to complete all the surveys.  
NOTE Confidence: 0.83234658375  
00:01:14.880 --> 00:01:17.238 The more information that people complete,  
NOTE Confidence: 0.83234658375  
00:01:17.240 --> 00:01:19.560 the more that we can use it together  
NOTE Confidence: 0.83234658375  
00:01:19.560 --> 00:01:22.099 and to connect all the records without,  
NOTE Confidence: 0.83234658375  
00:01:22.099 --> 00:01:23.455 without all those connections  
NOTE Confidence: 0.83234658375  
00:01:23.455 --> 00:01:25.150 and without the surveys that  
NOTE Confidence: 0.83234658375  
00:01:25.202 --> 00:01:26.717 we really don't have anything.  
NOTE Confidence: 0.83234658375  
00:01:26.720 --> 00:01:28.844 So we've got to be able to pull together  
NOTE Confidence: 0.83234658375

00:01:28.844 --> 00:01:31.120 as much information together as we can.  
NOTE Confidence: 0.83234658375

00:01:31.120 --> 00:01:32.982 And we also appreciate if you can  
NOTE Confidence: 0.83234658375

00:01:32.982 --> 00:01:34.920 spread the word we're interested in,  
NOTE Confidence: 0.83234658375

00:01:34.920 --> 00:01:35.250 in.  
NOTE Confidence: 0.83234658375

00:01:35.250 --> 00:01:37.230 People with long COVID with vaccine  
NOTE Confidence: 0.83234658375

00:01:37.230 --> 00:01:38.328 injury also have neither,  
NOTE Confidence: 0.83234658375

00:01:38.328 --> 00:01:39.608 because ultimately we're going to  
NOTE Confidence: 0.83234658375

00:01:39.608 --> 00:01:41.119 need a controlled population,  
NOTE Confidence: 0.83234658375

00:01:41.120 --> 00:01:43.234 people who are not suffering from either.  
NOTE Confidence: 0.83234658375

00:01:43.240 --> 00:01:45.094 These things that we can compare  
NOTE Confidence: 0.83234658375

00:01:45.094 --> 00:01:47.953 to those who are to try to make  
NOTE Confidence: 0.83234658375

00:01:47.953 --> 00:01:49.399 useful scientific inferences and  
NOTE Confidence: 0.83234658375

00:01:49.399 --> 00:01:51.073 we're also working hard not just  
NOTE Confidence: 0.83234658375

00:01:51.073 --> 00:01:52.440 about describing this condition,  
NOTE Confidence: 0.83234658375

00:01:52.440 --> 00:01:54.365 but seeing whether or not we can  
NOTE Confidence: 0.83234658375

00:01:54.365 --> 00:01:55.719 test strategies that can help.

NOTE Confidence: 0.83234658375

00:01:55.720 --> 00:01:57.302 And we hope that within a couple

NOTE Confidence: 0.83234658375

00:01:57.302 --> 00:01:59.146 weeks we'll be able to announce the

NOTE Confidence: 0.83234658375

00:01:59.146 --> 00:02:00.820 first clinical trial that we're going

NOTE Confidence: 0.83234658375

00:02:00.870 --> 00:02:02.501 to be trying and we look forward

NOTE Confidence: 0.83234658375

00:02:02.501 --> 00:02:04.223 to communicating you about that and

NOTE Confidence: 0.83234658375

00:02:04.223 --> 00:02:06.210 and getting you in line and ready

NOTE Confidence: 0.83234658375

00:02:06.210 --> 00:02:08.116 to dissipate and to be able to work

NOTE Confidence: 0.83234658375

00:02:08.116 --> 00:02:10.393 with all of you in a way that that

NOTE Confidence: 0.83234658375

00:02:10.393 --> 00:02:12.119 enables people to be part of it.

NOTE Confidence: 0.83234658375

00:02:12.120 --> 00:02:14.010 But but I think the most important

NOTE Confidence: 0.83234658375

00:02:14.010 --> 00:02:16.099 thing that we want to communicate is

NOTE Confidence: 0.83234658375

00:02:16.099 --> 00:02:18.238 is gratitude and and thanks for being

NOTE Confidence: 0.83234658375

00:02:18.238 --> 00:02:22.234 part of this and and in the course of this,

NOTE Confidence: 0.83234658375

00:02:22.240 --> 00:02:23.680 we also recognize that you guys

NOTE Confidence: 0.83234658375

00:02:23.680 --> 00:02:25.120 have joined a leap of faith.

NOTE Confidence: 0.83234658375

00:02:25.120 --> 00:02:27.382 You've provided many of you've already

NOTE Confidence: 0.83234658375

00:02:27.382 --> 00:02:29.306 provided information you've you've

NOTE Confidence: 0.83234658375

00:02:29.306 --> 00:02:31.700 given us information that we hope

NOTE Confidence: 0.83234658375

00:02:31.700 --> 00:02:33.400 to be able to turn into knowledge.

NOTE Confidence: 0.83234658375

00:02:33.400 --> 00:02:35.276 We want to work with you to

NOTE Confidence: 0.83234658375

00:02:35.276 --> 00:02:36.080 hear your questions,

NOTE Confidence: 0.83234658375

00:02:36.080 --> 00:02:37.452 for you to hear what our plans

NOTE Confidence: 0.83234658375

00:02:37.452 --> 00:02:38.750 are for us to work together

NOTE Confidence: 0.83234658375

00:02:38.750 --> 00:02:40.290 as partners and to be able to

NOTE Confidence: 0.960319004782609

00:02:40.339 --> 00:02:41.440 make progress together.

NOTE Confidence: 0.960319004782609

00:02:41.440 --> 00:02:43.088 So we know that this has in some

NOTE Confidence: 0.960319004782609

00:02:43.088 --> 00:02:44.442 ways been frustrating in the

NOTE Confidence: 0.960319004782609

00:02:44.442 --> 00:02:45.917 sense that it's been started,

NOTE Confidence: 0.960319004782609

00:02:45.920 --> 00:02:47.624 but we haven't had any real

NOTE Confidence: 0.960319004782609

00:02:47.624 --> 00:02:48.476 meaningful findings yet.

NOTE Confidence: 0.960319004782609

00:02:48.480 --> 00:02:50.360 But we're we're just getting on our way.

NOTE Confidence: 0.960319004782609  
00:02:50.360 --> 00:02:51.938 So I'm not going to tell  
NOTE Confidence: 0.960319004782609  
00:02:51.938 --> 00:02:53.200 anyone that patience with us,  
NOTE Confidence: 0.960319004782609  
00:02:53.200 --> 00:02:55.076 you should always be impatient with us,  
NOTE Confidence: 0.960319004782609  
00:02:55.080 --> 00:02:56.718 but we want to work with you as close  
NOTE Confidence: 0.960319004782609  
00:02:56.718 --> 00:02:58.280 as we can to help make progress.  
NOTE Confidence: 0.960319004782609  
00:02:58.280 --> 00:02:59.904 With that, let me turn and I  
NOTE Confidence: 0.960319004782609  
00:02:59.904 --> 00:03:01.590 apologize for being on the train  
NOTE Confidence: 0.960319004782609  
00:03:01.590 --> 00:03:02.834 actually that was unanticipated.  
NOTE Confidence: 0.960319004782609  
00:03:02.840 --> 00:03:05.153 So thank you for sticking with me on that.  
NOTE Confidence: 0.960319004782609  
00:03:05.160 --> 00:03:06.805 And let me hand it over to  
NOTE Confidence: 0.960319004782609  
00:03:06.805 --> 00:03:08.438 Akiko for some marks from her.  
NOTE Confidence: 0.6565908825  
00:03:09.880 --> 00:03:10.720 Yeah, thank you, Harlan.  
NOTE Confidence: 0.542887798571429  
00:03:11.240 --> 00:03:12.200 Just to say, everyone,  
NOTE Confidence: 0.542887798571429  
00:03:12.200 --> 00:03:12.920 I'm Harlan Krumholtz.  
NOTE Confidence: 0.542887798571429  
00:03:12.920 --> 00:03:14.042 I didn't even say I'm Harlan  
NOTE Confidence: 0.542887798571429

00:03:14.042 --> 00:03:15.058 Krumholtz and let me introduce  
NOTE Confidence: 0.542887798571429

00:03:15.058 --> 00:03:16.479 the key code. It was time.  
NOTE Confidence: 0.850112246666667

00:03:17.520 --> 00:03:18.381 Thank you, Harlan,  
NOTE Confidence: 0.850112246666667

00:03:18.381 --> 00:03:20.103 and thank you for your dedication  
NOTE Confidence: 0.850112246666667

00:03:20.103 --> 00:03:21.677 and joining us from A Train.  
NOTE Confidence: 0.850112246666667

00:03:21.680 --> 00:03:22.748 Really appreciate it.  
NOTE Confidence: 0.850112246666667

00:03:22.748 --> 00:03:25.240 And thank you to all of you  
NOTE Confidence: 0.850112246666667

00:03:25.316 --> 00:03:27.276 from Listen for joining us.  
NOTE Confidence: 0.850112246666667

00:03:27.280 --> 00:03:29.758 Delighted to be with you again.  
NOTE Confidence: 0.850112246666667

00:03:29.760 --> 00:03:31.240 I've really enjoyed interrupting  
NOTE Confidence: 0.850112246666667

00:03:31.240 --> 00:03:34.379 with you so far with the the last  
NOTE Confidence: 0.850112246666667

00:03:34.379 --> 00:03:36.472 town hall meeting and Born Alley and  
NOTE Confidence: 0.850112246666667

00:03:36.472 --> 00:03:38.620 I did a follow up because we had  
NOTE Confidence: 0.850112246666667

00:03:38.620 --> 00:03:40.470 so many questions that we couldn't  
NOTE Confidence: 0.850112246666667

00:03:40.470 --> 00:03:42.315 answer and during the meeting.  
NOTE Confidence: 0.850112246666667

00:03:42.320 --> 00:03:45.695 So there is a video up on the Kindred

NOTE Confidence: 0.850112246666667  
00:03:45.695 --> 00:03:48.120 site that if you're interested.  
NOTE Confidence: 0.850112246666667  
00:03:48.120 --> 00:03:51.000 Hopefully we addressed all the questions,  
NOTE Confidence: 0.850112246666667  
00:03:51.000 --> 00:03:53.440 but there may be others that we're,  
NOTE Confidence: 0.850112246666667  
00:03:53.440 --> 00:03:55.840 you know, you're welcome to submit  
NOTE Confidence: 0.850112246666667  
00:03:55.840 --> 00:03:58.520 to on the chat or question today.  
NOTE Confidence: 0.850112246666667  
00:03:58.520 --> 00:04:01.000 And we'll leave plenty of time  
NOTE Confidence: 0.850112246666667  
00:04:01.000 --> 00:04:03.552 at the at the last half of this  
NOTE Confidence: 0.850112246666667  
00:04:03.552 --> 00:04:05.639 meeting to have Q&A sessions.  
NOTE Confidence: 0.850112246666667  
00:04:05.640 --> 00:04:09.120 So please do ask us questions.  
NOTE Confidence: 0.850112246666667  
00:04:09.120 --> 00:04:11.675 So yeah, just like what Harlan said,  
NOTE Confidence: 0.850112246666667  
00:04:11.680 --> 00:04:12.352 we're very,  
NOTE Confidence: 0.850112246666667  
00:04:12.352 --> 00:04:14.368 very excited to be able to  
NOTE Confidence: 0.850112246666667  
00:04:14.368 --> 00:04:15.878 work with all of you.  
NOTE Confidence: 0.850112246666667  
00:04:15.880 --> 00:04:19.597 And as I sort of presented last two times,  
NOTE Confidence: 0.850112246666667  
00:04:19.600 --> 00:04:21.012 I guess there are,  
NOTE Confidence: 0.850112246666667

00:04:21.012 --> 00:04:23.940 there's a lot of work going on some of  
NOTE Confidence: 0.850112246666667

00:04:23.940 --> 00:04:26.260 the work that I shared with you from  
NOTE Confidence: 0.850112246666667

00:04:26.332 --> 00:04:29.034 the Mount Sinai Yale long COVID research.  
NOTE Confidence: 0.850112246666667

00:04:29.040 --> 00:04:31.623 But also we're going to be expanding  
NOTE Confidence: 0.850112246666667

00:04:31.623 --> 00:04:33.459 and extending those kinds of  
NOTE Confidence: 0.850112246666667

00:04:33.459 --> 00:04:36.140 research to with the Yale lesson  
NOTE Confidence: 0.850112246666667

00:04:36.140 --> 00:04:39.768 study to not only long COVID but  
NOTE Confidence: 0.850112246666667

00:04:39.768 --> 00:04:41.959 for vaccine adverse events and  
NOTE Confidence: 0.850112246666667

00:04:41.959 --> 00:04:44.197 people who had a combination of  
NOTE Confidence: 0.850112246666667

00:04:44.197 --> 00:04:46.880 long COVID and vaccine adverse events.  
NOTE Confidence: 0.850112246666667

00:04:46.880 --> 00:04:49.540 And one of the emphasis that I  
NOTE Confidence: 0.850112246666667

00:04:49.540 --> 00:04:51.847 made last time was the remarkable  
NOTE Confidence: 0.850112246666667

00:04:51.847 --> 00:04:54.769 similarities in the types of symptoms  
NOTE Confidence: 0.850112246666667

00:04:54.769 --> 00:04:57.324 that people are experiencing as  
NOTE Confidence: 0.850112246666667

00:04:57.324 --> 00:05:00.366 a result of those three different  
NOTE Confidence: 0.850112246666667

00:05:00.366 --> 00:05:03.305 conditions as well as the pre-existing

NOTE Confidence: 0.850112246666667  
00:05:03.305 --> 00:05:05.212 conditions and pre-existing symptoms  
NOTE Confidence: 0.850112246666667  
00:05:05.212 --> 00:05:08.308 that people have had in this three cohort.  
NOTE Confidence: 0.850112246666667  
00:05:08.308 --> 00:05:10.150 One of the things that we  
NOTE Confidence: 0.850112246666667  
00:05:10.217 --> 00:05:11.717 would love to do is to.  
NOTE Confidence: 0.850112246666667  
00:05:11.720 --> 00:05:13.520 So that was borne Alley's analysis.  
NOTE Confidence: 0.850112246666667  
00:05:13.520 --> 00:05:14.414 By the way,  
NOTE Confidence: 0.850112246666667  
00:05:14.414 --> 00:05:16.500 one of the things that that we  
NOTE Confidence: 0.850112246666667  
00:05:16.578 --> 00:05:18.906 are really excited to do is to be  
NOTE Confidence: 0.850112246666667  
00:05:18.906 --> 00:05:21.199 able to include control groups.  
NOTE Confidence: 0.850112246666667  
00:05:21.200 --> 00:05:23.210 So right now we have great  
NOTE Confidence: 0.850112246666667  
00:05:23.210 --> 00:05:24.550 participation from people with  
NOTE Confidence: 0.850112246666667  
00:05:24.616 --> 00:05:26.560 these three different conditions.  
NOTE Confidence: 0.850112246666667  
00:05:26.560 --> 00:05:29.631 But we do need people who are if  
NOTE Confidence: 0.850112246666667  
00:05:29.631 --> 00:05:31.386 we don't have these conditions  
NOTE Confidence: 0.850112246666667  
00:05:31.386 --> 00:05:33.524 in order to compare and contrast  
NOTE Confidence: 0.850112246666667

00:05:33.524 --> 00:05:35.420 the types of symptoms that people  
NOTE Confidence: 0.850112246666667

00:05:35.420 --> 00:05:37.683 are experiencing or pre-existing  
NOTE Confidence: 0.850112246666667

00:05:37.683 --> 00:05:40.341 conditions that people may have and  
NOTE Confidence: 0.850112246666667

00:05:40.341 --> 00:05:43.000 ultimately to compare the immune profiles.  
NOTE Confidence: 0.850112246666667

00:05:43.000 --> 00:05:45.958 So we encourage people to participate  
NOTE Confidence: 0.850112246666667

00:05:45.958 --> 00:05:48.636 even if you especially you know if  
NOTE Confidence: 0.850112246666667

00:05:48.636 --> 00:05:51.120 you don't have these types of conditions,  
NOTE Confidence: 0.850112246666667

00:05:51.120 --> 00:05:52.770 but are you interested in  
NOTE Confidence: 0.850112246666667

00:05:52.770 --> 00:05:53.760 contributing to research,  
NOTE Confidence: 0.850112246666667

00:05:53.760 --> 00:05:55.880 This is a very important thing to do.  
NOTE Confidence: 0.850112246666667

00:05:55.880 --> 00:05:57.770 The other thing that we would  
NOTE Confidence: 0.850112246666667

00:05:57.770 --> 00:06:00.567 love to do in Listen is to be  
NOTE Confidence: 0.850112246666667

00:06:00.567 --> 00:06:02.397 able to collect symptom data,  
NOTE Confidence: 0.850112246666667

00:06:02.400 --> 00:06:04.175 your own people with these  
NOTE Confidence: 0.850112246666667

00:06:04.175 --> 00:06:05.240 three different conditions.  
NOTE Confidence: 0.850112246666667

00:06:05.240 --> 00:06:06.839 So you know,

NOTE Confidence: 0.850112246666667  
00:06:06.839 --> 00:06:10.159 I know that the Kindred Listen  
NOTE Confidence: 0.850112246666667  
00:06:10.159 --> 00:06:12.960 team has already distributed the  
NOTE Confidence: 0.850112246666667  
00:06:12.960 --> 00:06:15.120 questionnaire for the symptoms,  
NOTE Confidence: 0.850112246666667  
00:06:15.120 --> 00:06:17.122 but we'd love to be able to  
NOTE Confidence: 0.850112246666667  
00:06:17.122 --> 00:06:18.958 get into that data as well.  
NOTE Confidence: 0.850112246666667  
00:06:18.960 --> 00:06:21.234 And ultimately we will be asking  
NOTE Confidence: 0.850112246666667  
00:06:21.234 --> 00:06:24.520 some of you to join bio biological  
NOTE Confidence: 0.850112246666667  
00:06:24.520 --> 00:06:27.920 research analysis looking at immune  
NOTE Confidence: 0.850112246666667  
00:06:27.920 --> 00:06:33.480 phenotyping by collection saliva and and  
NOTE Confidence: 0.93880312125  
00:06:33.480 --> 00:06:35.305 we will compare that to  
NOTE Confidence: 0.93880312125  
00:06:35.305 --> 00:06:36.400 the different symptoms.  
NOTE Confidence: 0.93880312125  
00:06:36.400 --> 00:06:39.053 So just to kind of recap what  
NOTE Confidence: 0.93880312125  
00:06:39.053 --> 00:06:41.079 what we discussed last time,  
NOTE Confidence: 0.93880312125  
00:06:41.080 --> 00:06:43.918 last two times, essentially we are  
NOTE Confidence: 0.93880312125  
00:06:43.918 --> 00:06:45.810 finding immunological features that  
NOTE Confidence: 0.93880312125

00:06:45.877 --> 00:06:48.720 are clearly associated with long COVID  
NOTE Confidence: 0.93880312125

00:06:48.720 --> 00:06:52.318 such as increased in exhausted T cells,  
NOTE Confidence: 0.93880312125

00:06:52.320 --> 00:06:55.120 increase in activated B cells,  
NOTE Confidence: 0.93880312125

00:06:55.120 --> 00:06:58.786 reduction in circulating central memory T  
NOTE Confidence: 0.93880312125

00:06:58.786 --> 00:07:02.557 cells as well as reduced levels of cortisol.  
NOTE Confidence: 0.93880312125

00:07:02.560 --> 00:07:06.165 And that is the most uniformly and  
NOTE Confidence: 0.93880312125

00:07:06.165 --> 00:07:07.570 strongly correlated differences  
NOTE Confidence: 0.93880312125

00:07:07.570 --> 00:07:10.160 that we see in the long COVID.  
NOTE Confidence: 0.93880312125

00:07:10.160 --> 00:07:13.416 And then I also touched on the sex  
NOTE Confidence: 0.93880312125

00:07:13.416 --> 00:07:16.260 differences in symptoms and immune responses.  
NOTE Confidence: 0.93880312125

00:07:16.260 --> 00:07:19.550 That's a paper that we are currently  
NOTE Confidence: 0.93880312125

00:07:19.550 --> 00:07:22.972 working on to to try to understand what  
NOTE Confidence: 0.93880312125

00:07:22.972 --> 00:07:24.999 symptoms are different differentially  
NOTE Confidence: 0.93880312125

00:07:24.999 --> 00:07:28.985 felt experienced by people of different  
NOTE Confidence: 0.93880312125

00:07:28.985 --> 00:07:32.725 sexes as well as immune phenotype that  
NOTE Confidence: 0.93880312125

00:07:32.725 --> 00:07:34.600 are associated with those symptoms.

NOTE Confidence: 0.93880312125

00:07:34.600 --> 00:07:37.030 So those are the some of

NOTE Confidence: 0.93880312125

00:07:37.030 --> 00:07:39.400 the ongoing research,

NOTE Confidence: 0.93880312125

00:07:39.400 --> 00:07:41.390 Some things that I that that we

NOTE Confidence: 0.93880312125

00:07:41.390 --> 00:07:43.872 are starting to do, but it's very,

NOTE Confidence: 0.93880312125

00:07:43.872 --> 00:07:47.080 very new are the micro clot

NOTE Confidence: 0.93880312125

00:07:47.080 --> 00:07:49.440 analysis and platelet activation,

NOTE Confidence: 0.93880312125

00:07:49.440 --> 00:07:50.656 phenotyping analysis.

NOTE Confidence: 0.93880312125

00:07:50.656 --> 00:07:53.696 This is in collaboration with

NOTE Confidence: 0.93880312125

00:07:53.696 --> 00:07:56.290 Professor Rizzo Pretorius who kindly

NOTE Confidence: 0.93880312125

00:07:56.290 --> 00:07:58.985 came and visited us at Yale to

NOTE Confidence: 0.93880312125

00:07:58.985 --> 00:08:01.795 show us how to do these analysis.

NOTE Confidence: 0.93880312125

00:08:01.800 --> 00:08:04.985 And even though we only collected

NOTE Confidence: 0.93880312125

00:08:04.985 --> 00:08:07.359 a few samples to do the analysis,

NOTE Confidence: 0.93880312125

00:08:07.360 --> 00:08:10.624 we are seeing significant activation of

NOTE Confidence: 0.93880312125

00:08:10.624 --> 00:08:13.800 platelets from people with long COVID.

NOTE Confidence: 0.93880312125

00:08:13.800 --> 00:08:18.000 We haven't looked into the vaccine  
NOTE Confidence: 0.93880312125

00:08:18.000 --> 00:08:20.050 adverse event samples yet,  
NOTE Confidence: 0.93880312125

00:08:20.050 --> 00:08:21.675 but these are the some,  
NOTE Confidence: 0.93880312125

00:08:21.680 --> 00:08:23.738 some of the the new types of  
NOTE Confidence: 0.93880312125

00:08:23.738 --> 00:08:25.240 analysis that we'll be doing.  
NOTE Confidence: 0.93880312125

00:08:25.240 --> 00:08:28.857 And I know that the Professor Pretorius's  
NOTE Confidence: 0.93880312125

00:08:28.857 --> 00:08:32.142 group has reported significantly elevated  
NOTE Confidence: 0.93880312125

00:08:32.142 --> 00:08:35.424 activation of platelets and Michael  
NOTE Confidence: 0.93880312125

00:08:35.424 --> 00:08:38.160 microclots in people with long COVID.  
NOTE Confidence: 0.93880312125

00:08:38.160 --> 00:08:41.014 So that's something that we'd love to  
NOTE Confidence: 0.93880312125

00:08:41.014 --> 00:08:43.318 be including in the future analysis.  
NOTE Confidence: 0.93880312125

00:08:43.320 --> 00:08:43.986 So yeah,  
NOTE Confidence: 0.93880312125

00:08:43.986 --> 00:08:46.317 these are some of the current and  
NOTE Confidence: 0.93880312125

00:08:46.317 --> 00:08:48.767 new thinking that we we have and  
NOTE Confidence: 0.93880312125

00:08:48.767 --> 00:08:51.230 are planning to do with you all  
NOTE Confidence: 0.93880312125

00:08:51.230 --> 00:08:52.594 in the listen study.

NOTE Confidence: 0.93880312125

00:08:52.600 --> 00:08:54.184 And we'd love for you to

NOTE Confidence: 0.93880312125

00:08:54.184 --> 00:08:55.240 be able to participate,

NOTE Confidence: 0.93880312125

00:08:55.240 --> 00:08:58.156 you know if you can and if you're willing

NOTE Confidence: 0.93880312125

00:08:58.160 --> 00:09:00.680 for the biological analysis as well.

NOTE Confidence: 0.93880312125

00:09:00.680 --> 00:09:04.040 And we'd love to be able to share

NOTE Confidence: 0.93880312125

00:09:04.040 --> 00:09:06.248 with you some of the findings

NOTE Confidence: 0.93880312125

00:09:06.248 --> 00:09:07.958 from these types of analysis.

NOTE Confidence: 0.93880312125

00:09:07.960 --> 00:09:08.902 And of course,

NOTE Confidence: 0.93880312125

00:09:08.902 --> 00:09:10.158 as with all research,

NOTE Confidence: 0.93880312125

00:09:10.160 --> 00:09:12.464 we need to be able to do the analysis

NOTE Confidence: 0.93880312125

00:09:12.464 --> 00:09:15.040 in a sufficient number first to be able

NOTE Confidence: 0.93880312125

00:09:15.040 --> 00:09:17.480 to compare on these immune features.

NOTE Confidence: 0.93880312125

00:09:17.480 --> 00:09:19.760 But once we have enough number

NOTE Confidence: 0.93880312125

00:09:19.760 --> 00:09:22.360 and once we have confidence,

NOTE Confidence: 0.93880312125

00:09:22.360 --> 00:09:24.992 we will be sharing those data back with

NOTE Confidence: 0.93880312125

00:09:24.992 --> 00:09:28.240 you and we'll be thinking about it together.

NOTE Confidence: 0.93880312125

00:09:28.240 --> 00:09:29.782 So that's very,

NOTE Confidence: 0.93880312125

00:09:29.782 --> 00:09:31.838 very exciting for us.

NOTE Confidence: 0.93880312125

00:09:31.840 --> 00:09:32.167 Yeah.

NOTE Confidence: 0.93880312125

00:09:32.167 --> 00:09:34.783 So and I'd be happy to answer any

NOTE Confidence: 0.93880312125

00:09:34.783 --> 00:09:36.627 questions that you might have in

NOTE Confidence: 0.93880312125

00:09:36.627 --> 00:09:39.280 the last half of this program.

NOTE Confidence: 0.93880312125

00:09:39.280 --> 00:09:41.136 But I'm going to turn it over to

NOTE Confidence: 0.93880312125

00:09:41.136 --> 00:09:42.939 Barnalli to talk about what other

NOTE Confidence: 0.93880312125

00:09:42.939 --> 00:09:44.223 measurements we're doing for

NOTE Confidence: 0.93880312125

00:09:44.223 --> 00:09:45.560 the immune phenotyping.

NOTE Confidence: 0.907711662

00:09:46.560 --> 00:09:48.440 Thank you, Akiko. So I'll

NOTE Confidence: 0.907711662

00:09:48.440 --> 00:09:50.320 start by sharing my slides.

NOTE Confidence: 0.9120309075

00:09:57.840 --> 00:09:59.840 I hope everybody is able to see it.

NOTE Confidence: 0.762821560909091

00:10:04.560 --> 00:10:08.112 So, so we have been receiving a lot

NOTE Confidence: 0.762821560909091

00:10:08.112 --> 00:10:10.376 of questions about you know what

NOTE Confidence: 0.762821560909091  
00:10:10.376 --> 00:10:12.280 kind of surveys you are taking or  
NOTE Confidence: 0.762821560909091  
00:10:12.346 --> 00:10:14.318 also about biospecimen collection.  
NOTE Confidence: 0.762821560909091  
00:10:14.320 --> 00:10:16.400 So I just wanted to begin with the  
NOTE Confidence: 0.762821560909091  
00:10:16.400 --> 00:10:17.916 study design. So for everybody,  
NOTE Confidence: 0.762821560909091  
00:10:17.916 --> 00:10:20.240 this is important to know that this  
NOTE Confidence: 0.762821560909091  
00:10:20.311 --> 00:10:22.315 study is divided into two parts.  
NOTE Confidence: 0.762821560909091  
00:10:22.320 --> 00:10:24.392 The first part of the study is  
NOTE Confidence: 0.762821560909091  
00:10:24.392 --> 00:10:26.760 analysis of the surveys that you take,  
NOTE Confidence: 0.762821560909091  
00:10:26.760 --> 00:10:28.713 the Kindred surveys that you have been  
NOTE Confidence: 0.762821560909091  
00:10:28.713 --> 00:10:30.640 taking and also the medical records,  
NOTE Confidence: 0.762821560909091  
00:10:30.640 --> 00:10:32.752 which makes it very important that  
NOTE Confidence: 0.762821560909091  
00:10:32.752 --> 00:10:34.548 you also connect your medical  
NOTE Confidence: 0.762821560909091  
00:10:34.548 --> 00:10:36.795 records so that we can analyze your  
NOTE Confidence: 0.762821560909091  
00:10:36.795 --> 00:10:39.340 data in an unbiased manner to get  
NOTE Confidence: 0.762821560909091  
00:10:39.340 --> 00:10:40.809 correct results from our analysis.  
NOTE Confidence: 0.762821560909091

00:10:40.809 --> 00:10:43.079 So this is the first part of the study,  
NOTE Confidence: 0.762821560909091

00:10:43.080 --> 00:10:44.520 this part of the study,  
NOTE Confidence: 0.762821560909091

00:10:44.520 --> 00:10:46.984 every participant from any part of the  
NOTE Confidence: 0.762821560909091

00:10:46.984 --> 00:10:49.909 world can join this study and take the  
NOTE Confidence: 0.762821560909091

00:10:49.909 --> 00:10:52.639 surveys and participate in the listen study.  
NOTE Confidence: 0.762821560909091

00:10:52.640 --> 00:10:54.719 So this is the first part of the study.  
NOTE Confidence: 0.762821560909091

00:10:54.720 --> 00:10:56.688 Based on the analysis of the surveys as  
NOTE Confidence: 0.762821560909091

00:10:56.688 --> 00:10:59.076 well as going through your medical records,  
NOTE Confidence: 0.762821560909091

00:10:59.080 --> 00:11:01.558 which we cross checked many a times,  
NOTE Confidence: 0.762821560909091

00:11:01.560 --> 00:11:04.626 we will select initially select subgroups  
NOTE Confidence: 0.762821560909091

00:11:04.626 --> 00:11:07.520 of participants for biospecimen collection,  
NOTE Confidence: 0.762821560909091

00:11:07.520 --> 00:11:09.182 those who donate blood and saliva  
NOTE Confidence: 0.762821560909091

00:11:09.182 --> 00:11:11.198 to us on the very same day.  
NOTE Confidence: 0.762821560909091

00:11:11.200 --> 00:11:13.496 They are also asked to take a few  
NOTE Confidence: 0.762821560909091

00:11:13.496 --> 00:11:15.608 more surveys which helps us find  
NOTE Confidence: 0.762821560909091

00:11:15.608 --> 00:11:17.076 out their current symptoms.

NOTE Confidence: 0.762821560909091  
00:11:17.080 --> 00:11:18.907 And we also go through their medical  
NOTE Confidence: 0.762821560909091  
00:11:18.907 --> 00:11:20.625 records to see if they have taken  
NOTE Confidence: 0.762821560909091  
00:11:20.625 --> 00:11:22.328 any tests so that we can correlate  
NOTE Confidence: 0.762821560909091  
00:11:22.328 --> 00:11:23.640 the surveys with them.  
NOTE Confidence: 0.762821560909091  
00:11:23.640 --> 00:11:25.278 So this is the basic study designed.  
NOTE Confidence: 0.762821560909091  
00:11:25.280 --> 00:11:28.345 The biospecimen collection portion is  
NOTE Confidence: 0.762821560909091  
00:11:28.345 --> 00:11:31.876 only including residents from mainland US  
NOTE Confidence: 0.762821560909091  
00:11:31.876 --> 00:11:34.956 right now with the funding that we have.  
NOTE Confidence: 0.762821560909091  
00:11:34.960 --> 00:11:37.172 And so this is how we have  
NOTE Confidence: 0.762821560909091  
00:11:37.172 --> 00:11:38.120 designed the study.  
NOTE Confidence: 0.762821560909091  
00:11:38.120 --> 00:11:39.086 So with this,  
NOTE Confidence: 0.762821560909091  
00:11:39.086 --> 00:11:41.018 I would next talk about immunophenotyping  
NOTE Confidence: 0.762821560909091  
00:11:41.018 --> 00:11:43.197 and to begin with the very beginning,  
NOTE Confidence: 0.762821560909091  
00:11:43.200 --> 00:11:44.106 some basic descriptions.  
NOTE Confidence: 0.762821560909091  
00:11:44.106 --> 00:11:46.805 I know many of you know a lot more  
NOTE Confidence: 0.762821560909091

00:11:46.805 --> 00:11:48.632 than what I have in the slide,  
NOTE Confidence: 0.762821560909091

00:11:48.640 --> 00:11:50.296 but I just wanted to begin  
NOTE Confidence: 0.762821560909091

00:11:50.296 --> 00:11:52.840 with the very basics, sorry.  
NOTE Confidence: 0.762821560909091

00:11:52.840 --> 00:11:54.508 So our immune system.  
NOTE Confidence: 0.762821560909091

00:11:54.508 --> 00:11:56.593 When we talk about immunophenotyping,  
NOTE Confidence: 0.762821560909091

00:11:56.600 --> 00:11:58.480 we're talking about interaction with  
NOTE Confidence: 0.762821560909091

00:11:58.480 --> 00:12:00.759 the pathogen and the aftermath of it.  
NOTE Confidence: 0.762821560909091

00:12:00.760 --> 00:12:02.866 So our immune system protects us  
NOTE Confidence: 0.762821560909091

00:12:02.866 --> 00:12:05.006 from harmful substances and foreign  
NOTE Confidence: 0.762821560909091

00:12:05.006 --> 00:12:06.610 microorganisms, including viruses,  
NOTE Confidence: 0.762821560909091

00:12:06.610 --> 00:12:09.400 and comprise of different cell types.  
NOTE Confidence: 0.762821560909091

00:12:09.400 --> 00:12:11.760 Monocytes mature to form macrophages,  
NOTE Confidence: 0.762821560909091

00:12:11.760 --> 00:12:14.796 which can engulf and digest debris  
NOTE Confidence: 0.762821560909091

00:12:14.796 --> 00:12:16.314 and invading microorganisms.  
NOTE Confidence: 0.762821560909091

00:12:16.320 --> 00:12:18.495 Neutrophils are another kind of  
NOTE Confidence: 0.762821560909091

00:12:18.495 --> 00:12:20.235 engulfing or phagocytic cells.

NOTE Confidence: 0.762821560909091  
00:12:20.240 --> 00:12:24.120 Yesinophils can act on parasites.  
NOTE Confidence: 0.762821560909091  
00:12:24.120 --> 00:12:25.776 Other than that we have the  
NOTE Confidence: 0.762821560909091  
00:12:25.776 --> 00:12:26.880 dendritic cells or DCS,  
NOTE Confidence: 0.762821560909091  
00:12:26.880 --> 00:12:28.760 which engulf microorganisms and  
NOTE Confidence: 0.762821560909091  
00:12:28.760 --> 00:12:31.110 present their protein fragments on  
NOTE Confidence: 0.762821560909091  
00:12:31.110 --> 00:12:33.480 their surface to activate T cells.  
NOTE Confidence: 0.762821560909091  
00:12:33.480 --> 00:12:35.560 And when we talk about T cells and B cells,  
NOTE Confidence: 0.762821560909091  
00:12:35.560 --> 00:12:37.690 the different subtypes that have  
NOTE Confidence: 0.762821560909091  
00:12:37.690 --> 00:12:40.244 been spoken about and written  
NOTE Confidence: 0.762821560909091  
00:12:40.244 --> 00:12:42.971 about in our publication as well.  
NOTE Confidence: 0.762821560909091  
00:12:42.971 --> 00:12:45.610 These T cells and B cells circulate  
NOTE Confidence: 0.762821560909091  
00:12:45.681 --> 00:12:48.369 within the body and when they encounter  
NOTE Confidence: 0.762821560909091  
00:12:48.369 --> 00:12:50.600 foreign bodies or microorganisms,  
NOTE Confidence: 0.762821560909091  
00:12:50.600 --> 00:12:52.903 T cells develop into activated T cells  
NOTE Confidence: 0.762821560909091  
00:12:52.903 --> 00:12:55.679 which are people spoke about with many  
NOTE Confidence: 0.762821560909091

00:12:55.679 --> 00:12:57.839 different functions involved in protection.  
NOTE Confidence: 0.762821560909091

00:12:57.840 --> 00:12:59.280 T cells are of two types,  
NOTE Confidence: 0.762821560909091

00:12:59.280 --> 00:13:03.039 namely CD4 and CD8 protein bearing types.  
NOTE Confidence: 0.762821560909091

00:13:03.040 --> 00:13:05.470 B cells upon activation differentiate  
NOTE Confidence: 0.762821560909091

00:13:05.470 --> 00:13:07.900 to produce antibodies or are  
NOTE Confidence: 0.856684308636364

00:13:07.976 --> 00:13:10.296 called antibody secreting cells as  
NOTE Confidence: 0.856684308636364

00:13:10.296 --> 00:13:13.279 well as they generate memory B cells.  
NOTE Confidence: 0.856684308636364

00:13:13.280 --> 00:13:15.828 Our data has also touched upon double  
NOTE Confidence: 0.856684308636364

00:13:15.828 --> 00:13:19.052 negative B cells which have been associated  
NOTE Confidence: 0.856684308636364

00:13:19.052 --> 00:13:21.632 with inflammation and autoimmune diseases.  
NOTE Confidence: 0.856684308636364

00:13:21.640 --> 00:13:25.720 And then we have the messengers or cytokines.  
NOTE Confidence: 0.856684308636364

00:13:25.720 --> 00:13:27.900 Cytokines are small proteins that  
NOTE Confidence: 0.856684308636364

00:13:27.900 --> 00:13:30.080 cells used to communicate with  
NOTE Confidence: 0.856684308636364

00:13:30.154 --> 00:13:32.200 each other inside of our body.  
NOTE Confidence: 0.856684308636364

00:13:32.200 --> 00:13:34.005 They quickly transmit messages to  
NOTE Confidence: 0.856684308636364

00:13:34.005 --> 00:13:36.262 different parts of our body helping

NOTE Confidence: 0.856684308636364  
00:13:36.262 --> 00:13:38.572 to moderate the behavior of different  
NOTE Confidence: 0.856684308636364  
00:13:38.572 --> 00:13:40.815 tissues and systems like the immune  
NOTE Confidence: 0.856684308636364  
00:13:40.815 --> 00:13:42.520 system and the nervous system.  
NOTE Confidence: 0.856684308636364  
00:13:42.520 --> 00:13:44.416 The cytokines may be mentioned here  
NOTE Confidence: 0.856684308636364  
00:13:44.416 --> 00:13:47.142 or in any of the reports that we  
NOTE Confidence: 0.856684308636364  
00:13:47.142 --> 00:13:49.236 will provide to you as Interferon  
NOTE Confidence: 0.856684308636364  
00:13:49.302 --> 00:13:51.077 Gamma TNF Alpha Illinois 6.  
NOTE Confidence: 0.856684308636364  
00:13:51.080 --> 00:13:52.376 These are just examples,  
NOTE Confidence: 0.856684308636364  
00:13:52.376 --> 00:13:54.320 one or two examples of that.  
NOTE Confidence: 0.856684308636364  
00:13:54.320 --> 00:13:57.158 Now moving further to study design,  
NOTE Confidence: 0.856684308636364  
00:13:57.160 --> 00:13:59.015 what I wanted to show you is  
NOTE Confidence: 0.856684308636364  
00:13:59.015 --> 00:14:00.880 what we are going to study.  
NOTE Confidence: 0.856684308636364  
00:14:00.880 --> 00:14:03.004 So of course you have already  
NOTE Confidence: 0.856684308636364  
00:14:03.004 --> 00:14:05.359 understood that we need your surveys.  
NOTE Confidence: 0.856684308636364  
00:14:05.360 --> 00:14:07.832 We need your survey responses to  
NOTE Confidence: 0.856684308636364

00:14:07.832 --> 00:14:09.762 understand the disease better, right?  
NOTE Confidence: 0.856684308636364

00:14:09.762 --> 00:14:11.454 We need those surveys because we  
NOTE Confidence: 0.856684308636364

00:14:11.454 --> 00:14:13.438 are going to analyze the surveys.  
NOTE Confidence: 0.856684308636364

00:14:13.440 --> 00:14:15.120 We are going to look into your  
NOTE Confidence: 0.856684308636364

00:14:15.120 --> 00:14:15.600 medical records,  
NOTE Confidence: 0.856684308636364

00:14:15.600 --> 00:14:18.150 which makes it imperative that we  
NOTE Confidence: 0.856684308636364

00:14:18.150 --> 00:14:20.801 have that medical record connected to  
NOTE Confidence: 0.856684308636364

00:14:20.801 --> 00:14:23.435 the Kindred or the Listen platform.  
NOTE Confidence: 0.856684308636364

00:14:23.440 --> 00:14:23.816 Next,  
NOTE Confidence: 0.856684308636364

00:14:23.816 --> 00:14:25.640 what are the different experiments  
NOTE Confidence: 0.856684308636364

00:14:25.640 --> 00:14:27.560 that we are going to do?  
NOTE Confidence: 0.856684308636364

00:14:27.560 --> 00:14:29.616 So of course we are going to look  
NOTE Confidence: 0.856684308636364

00:14:29.616 --> 00:14:32.272 at the TCRS that we have so as to  
NOTE Confidence: 0.856684308636364

00:14:32.272 --> 00:14:34.079 understand what are the pathogens  
NOTE Confidence: 0.856684308636364

00:14:34.079 --> 00:14:36.635 against which they have been generated.  
NOTE Confidence: 0.856684308636364

00:14:36.640 --> 00:14:37.296 That's one.

NOTE Confidence: 0.856684308636364  
00:14:37.296 --> 00:14:38.936 Next there will be multiple  
NOTE Confidence: 0.856684308636364  
00:14:38.936 --> 00:14:40.958 Elisas that we are going to do.  
NOTE Confidence: 0.856684308636364  
00:14:40.960 --> 00:14:43.088 So what does ELISA do or what question  
NOTE Confidence: 0.856684308636364  
00:14:43.088 --> 00:14:45.040 are we going to ask from here?  
NOTE Confidence: 0.856684308636364  
00:14:45.040 --> 00:14:47.315 We will be looking for auto antibodies.  
NOTE Confidence: 0.856684308636364  
00:14:47.320 --> 00:14:49.612 We will be looking for antibodies  
NOTE Confidence: 0.856684308636364  
00:14:49.612 --> 00:14:51.140 against multiple analytes such  
NOTE Confidence: 0.856684308636364  
00:14:51.206 --> 00:14:52.996 as different kinds of viruses,  
NOTE Confidence: 0.856684308636364  
00:14:53.000 --> 00:14:53.283 bacteria,  
NOTE Confidence: 0.856684308636364  
00:14:53.283 --> 00:14:54.698 what kind of infections you  
NOTE Confidence: 0.856684308636364  
00:14:54.698 --> 00:14:56.160 have had in the past.  
NOTE Confidence: 0.856684308636364  
00:14:56.160 --> 00:14:58.080 We will look at it in multiple ways,  
NOTE Confidence: 0.856684308636364  
00:14:58.080 --> 00:15:00.728 which includes rapid extracellular  
NOTE Confidence: 0.856684308636364  
00:15:00.728 --> 00:15:03.920 antigen profiling read as well as  
NOTE Confidence: 0.856684308636364  
00:15:03.920 --> 00:15:05.520 serum epitope repertoire analysis,  
NOTE Confidence: 0.856684308636364

00:15:05.520 --> 00:15:07.722 which can tell us what pathogens  
NOTE Confidence: 0.856684308636364

00:15:07.722 --> 00:15:09.549 you have encountered in the  
NOTE Confidence: 0.856684308636364

00:15:09.549 --> 00:15:11.558 past as well as at the present.  
NOTE Confidence: 0.856684308636364

00:15:11.560 --> 00:15:12.840 And at the same time,  
NOTE Confidence: 0.856684308636364

00:15:12.840 --> 00:15:15.276 we'll also look at autoimmune antibodies.  
NOTE Confidence: 0.856684308636364

00:15:15.280 --> 00:15:17.110 Looking at viral antibodies is  
NOTE Confidence: 0.856684308636364

00:15:17.110 --> 00:15:19.200 another thing that we will do.  
NOTE Confidence: 0.856684308636364

00:15:19.200 --> 00:15:19.972 So SARS,  
NOTE Confidence: 0.856684308636364

00:15:19.972 --> 00:15:22.288 COV 2 antibodies will be looked  
NOTE Confidence: 0.856684308636364

00:15:22.288 --> 00:15:24.666 at for different parts of the S  
NOTE Confidence: 0.856684308636364

00:15:24.666 --> 00:15:26.743 protein as well as other proteins  
NOTE Confidence: 0.856684308636364

00:15:26.743 --> 00:15:29.109 and then we will also look at  
NOTE Confidence: 0.856684308636364

00:15:29.109 --> 00:15:31.358 the efficacy at neutralization  
NOTE Confidence: 0.856684308636364

00:15:31.360 --> 00:15:32.904 which these antibodies have.  
NOTE Confidence: 0.856684308636364

00:15:32.904 --> 00:15:34.448 So that's another experiment  
NOTE Confidence: 0.856684308636364

00:15:34.448 --> 00:15:36.240 that we are going to do.

NOTE Confidence: 0.856684308636364  
00:15:36.240 --> 00:15:38.767 At the same time as I have  
NOTE Confidence: 0.856684308636364  
00:15:38.767 --> 00:15:41.280 spoken about the different kinds,  
NOTE Confidence: 0.856684308636364  
00:15:41.280 --> 00:15:42.768 so I have spoken about the  
NOTE Confidence: 0.856684308636364  
00:15:42.768 --> 00:15:43.760 different kinds of cells.  
NOTE Confidence: 0.856684308636364  
00:15:43.760 --> 00:15:47.462 So we also have a technique by which  
NOTE Confidence: 0.856684308636364  
00:15:47.462 --> 00:15:50.139 we will be able to look at what are  
NOTE Confidence: 0.856684308636364  
00:15:50.139 --> 00:15:51.879 the different subsets of cells.  
NOTE Confidence: 0.856684308636364  
00:15:51.880 --> 00:15:53.356 So how do we do it?  
NOTE Confidence: 0.856684308636364  
00:15:53.360 --> 00:15:56.062 The the different cells I spoke about  
NOTE Confidence: 0.856684308636364  
00:15:56.062 --> 00:15:58.151 actually these cells have different  
NOTE Confidence: 0.856684308636364  
00:15:58.151 --> 00:16:01.154 kinds of proteins sitting on their surface.  
NOTE Confidence: 0.856684308636364  
00:16:01.160 --> 00:16:02.870 On the basis of antibodies  
NOTE Confidence: 0.856684308636364  
00:16:02.870 --> 00:16:04.238 which can recognize those,  
NOTE Confidence: 0.856684308636364  
00:16:04.240 --> 00:16:06.578 we will be able to separate out  
NOTE Confidence: 0.856684308636364  
00:16:06.578 --> 00:16:08.749 different types of cells and calculate  
NOTE Confidence: 0.856684308636364

00:16:08.749 --> 00:16:11.318 the numbers and give you a fraction  
NOTE Confidence: 0.93519627

00:16:11.391 --> 00:16:13.551 calculated number of each of these  
NOTE Confidence: 0.93519627

00:16:13.551 --> 00:16:16.200 cell types by doing a technique using  
NOTE Confidence: 0.93519627

00:16:16.200 --> 00:16:18.200 a technique called flow cytometry.  
NOTE Confidence: 0.93519627

00:16:18.200 --> 00:16:19.500 So other than that,  
NOTE Confidence: 0.93519627

00:16:19.500 --> 00:16:20.800 as Akiko has mentioned,  
NOTE Confidence: 0.93519627

00:16:20.800 --> 00:16:22.894 we are very much interested in  
NOTE Confidence: 0.93519627

00:16:22.894 --> 00:16:25.179 platelet activation and we will look  
NOTE Confidence: 0.93519627

00:16:25.179 --> 00:16:27.234 at microclots and platelet activation  
NOTE Confidence: 0.93519627

00:16:27.240 --> 00:16:29.788 using all the assays that have been  
NOTE Confidence: 0.93519627

00:16:29.788 --> 00:16:31.480 designed by the different scientists  
NOTE Confidence: 0.93519627

00:16:31.480 --> 00:16:33.400 that she has already spoken about.  
NOTE Confidence: 0.93519627

00:16:33.400 --> 00:16:35.317 So this is what we are going to do.  
NOTE Confidence: 0.93519627

00:16:35.320 --> 00:16:37.064 And I know all of you have lots  
NOTE Confidence: 0.93519627

00:16:37.064 --> 00:16:38.539 and lots of questions regarding  
NOTE Confidence: 0.93519627

00:16:38.539 --> 00:16:40.501 how to connect our medical records

NOTE Confidence: 0.93519627

00:16:40.501 --> 00:16:42.357 or which surveys have I taken,

NOTE Confidence: 0.93519627

00:16:42.360 --> 00:16:44.358 why haven't I received a survey?

NOTE Confidence: 0.93519627

00:16:44.360 --> 00:16:45.914 And we talk a lot about it,

NOTE Confidence: 0.93519627

00:16:45.920 --> 00:16:47.680 we exchange emails about it.

NOTE Confidence: 0.93519627

00:16:47.680 --> 00:16:50.680 So we thought there are two very talented

NOTE Confidence: 0.93519627

00:16:50.680 --> 00:16:53.596 people who are behind all the processes.

NOTE Confidence: 0.93519627

00:16:53.600 --> 00:16:55.160 They are both working for Hugo.

NOTE Confidence: 0.93519627

00:16:55.160 --> 00:16:57.421 One is Tanya, who is the product

NOTE Confidence: 0.93519627

00:16:57.421 --> 00:16:59.880 manager and the other person is Emma,

NOTE Confidence: 0.93519627

00:16:59.880 --> 00:17:02.076 who's the data engineer at Hugo.

NOTE Confidence: 0.93519627

00:17:02.080 --> 00:17:04.376 And we have both of them today to

NOTE Confidence: 0.93519627

00:17:04.376 --> 00:17:06.360 demonstrate how it should be done and

NOTE Confidence: 0.93519627

00:17:06.360 --> 00:17:08.360 also respond to all your questions.

NOTE Confidence: 0.93519627

00:17:08.360 --> 00:17:11.018 So keep your questions ready and

NOTE Confidence: 0.93519627

00:17:11.018 --> 00:17:14.440 I think I will stop sharing my

NOTE Confidence: 0.93519627

00:17:14.440 --> 00:17:17.690 slides and I will hand it over to  
NOTE Confidence: 0.93519627

00:17:17.690 --> 00:17:20.635 Tanya so that she can walk with you  
NOTE Confidence: 0.93519627

00:17:20.640 --> 00:17:22.880 through the process of connection,  
NOTE Confidence: 0.93519627

00:17:22.880 --> 00:17:24.368 connectivity issues, everything.  
NOTE Confidence: 0.93519627

00:17:24.368 --> 00:17:25.360 Thank you,  
NOTE Confidence: 0.93519627

00:17:25.360 --> 00:17:26.960 Tanya.  
NOTE Confidence: 0.93519627

00:17:26.960 --> 00:17:27.200 Thank  
NOTE Confidence: 0.904073121818182

00:17:27.200 --> 00:17:28.733 you, Bernali. I'm going to go ahead  
NOTE Confidence: 0.904073121818182

00:17:28.733 --> 00:17:32.120 and share my screen. Hello, everyone.  
NOTE Confidence: 0.904073121818182

00:17:32.120 --> 00:17:33.638 All right, give me one moment.  
NOTE Confidence: 0.885663476

00:17:36.440 --> 00:17:40.466 Can everyone see my screen? Perfect.  
NOTE Confidence: 0.885663476

00:17:40.466 --> 00:17:42.542 All right, so this is nothing  
NOTE Confidence: 0.885663476

00:17:42.542 --> 00:17:43.920 that you're unfamiliar with,  
NOTE Confidence: 0.885663476

00:17:43.920 --> 00:17:46.633 but this is our Kindred platform and  
NOTE Confidence: 0.885663476

00:17:46.633 --> 00:17:48.544 I wanted to just highlight a couple  
NOTE Confidence: 0.885663476

00:17:48.544 --> 00:17:50.798 of items that may be confusing or

NOTE Confidence: 0.885663476

00:17:50.798 --> 00:17:52.448 people have questions around that

NOTE Confidence: 0.885663476

00:17:52.505 --> 00:17:54.437 I can definitely clear up for you.

NOTE Confidence: 0.885663476

00:17:54.440 --> 00:17:57.114 So you walk into the Kindred platform

NOTE Confidence: 0.885663476

00:17:57.114 --> 00:17:59.510 and the first thing that you're

NOTE Confidence: 0.885663476

00:17:59.510 --> 00:18:02.240 going to see is your active tasks.

NOTE Confidence: 0.885663476

00:18:02.240 --> 00:18:04.968 This is what Bernali is referring to as

NOTE Confidence: 0.885663476

00:18:04.968 --> 00:18:07.426 the surveys that need to be completed

NOTE Confidence: 0.885663476

00:18:07.426 --> 00:18:09.885 and how important that is for those

NOTE Confidence: 0.885663476

00:18:09.885 --> 00:18:12.279 to be completed to analyze the data.

NOTE Confidence: 0.885663476

00:18:12.280 --> 00:18:16.121 So I they open up right into the

NOTE Confidence: 0.885663476

00:18:16.121 --> 00:18:18.361 survey into a new tab in your browser

NOTE Confidence: 0.885663476

00:18:18.361 --> 00:18:20.489 or on your mobile device so that

NOTE Confidence: 0.885663476

00:18:20.489 --> 00:18:22.677 you would open up them up that way.

NOTE Confidence: 0.885663476

00:18:22.680 --> 00:18:25.480 And this is the structure of our surveys.

NOTE Confidence: 0.885663476

00:18:25.480 --> 00:18:28.600 The most important thing is to

NOTE Confidence: 0.885663476

00:18:28.600 --> 00:18:30.208 consistently complete the surveys  
NOTE Confidence: 0.885663476

00:18:30.208 --> 00:18:32.476 because what when you complete a survey,  
NOTE Confidence: 0.885663476

00:18:32.480 --> 00:18:34.088 it's then backed with another survey  
NOTE Confidence: 0.885663476

00:18:34.088 --> 00:18:36.088 that is all based on the questions  
NOTE Confidence: 0.885663476

00:18:36.088 --> 00:18:36.958 that you answered.  
NOTE Confidence: 0.885663476

00:18:36.960 --> 00:18:38.034 So it's very,  
NOTE Confidence: 0.885663476

00:18:38.034 --> 00:18:39.824 very imperative that you complete  
NOTE Confidence: 0.885663476

00:18:39.824 --> 00:18:41.878 the surveys or any tasks that you  
NOTE Confidence: 0.885663476

00:18:41.878 --> 00:18:43.760 have up in this task carousel.  
NOTE Confidence: 0.885663476

00:18:43.760 --> 00:18:45.944 It really helps with the research  
NOTE Confidence: 0.885663476

00:18:45.944 --> 00:18:48.526 and anything that we are trying to  
NOTE Confidence: 0.885663476

00:18:48.526 --> 00:18:50.638 gather for all the data analysis.  
NOTE Confidence: 0.885663476

00:18:50.640 --> 00:18:53.867 So that I wanted to definitely emphasize  
NOTE Confidence: 0.885663476

00:18:53.867 --> 00:18:57.240 this carousel and the accessibility of it.  
NOTE Confidence: 0.885663476

00:18:57.240 --> 00:18:58.920 I'm going to move further down.  
NOTE Confidence: 0.885663476

00:18:58.920 --> 00:19:01.480 This is our content feed.

NOTE Confidence: 0.885663476

00:19:01.480 --> 00:19:03.739 So if you are in your are in the

NOTE Confidence: 0.885663476

00:19:03.739 --> 00:19:05.919 listen study in the COVID community,

NOTE Confidence: 0.885663476

00:19:05.920 --> 00:19:08.034 so you're going to get listen study

NOTE Confidence: 0.885663476

00:19:08.034 --> 00:19:10.840 articles that are extremely helpful.

NOTE Confidence: 0.885663476

00:19:10.840 --> 00:19:13.639 You can listen to any of our town halls.

NOTE Confidence: 0.885663476

00:19:13.640 --> 00:19:15.080 There's also Kindred contributors

NOTE Confidence: 0.885663476

00:19:15.080 --> 00:19:16.520 where they tell their,

NOTE Confidence: 0.885663476

00:19:16.520 --> 00:19:20.066 you know the vaccine injured or long COVID,

NOTE Confidence: 0.885663476

00:19:20.066 --> 00:19:21.238 they tell their stories.

NOTE Confidence: 0.885663476

00:19:21.240 --> 00:19:22.533 It's very informational,

NOTE Confidence: 0.885663476

00:19:22.533 --> 00:19:25.119 very interesting information that we post.

NOTE Confidence: 0.885663476

00:19:25.120 --> 00:19:27.360 So I encourage you to read those

NOTE Confidence: 0.885663476

00:19:27.360 --> 00:19:29.838 definitely as as often as you can.

NOTE Confidence: 0.885663476

00:19:29.840 --> 00:19:32.395 They are updated quite often as well.

NOTE Confidence: 0.885663476

00:19:32.400 --> 00:19:32.900 All right.

NOTE Confidence: 0.885663476

00:19:32.900 --> 00:19:35.521 So one more item that I want you guys to  
NOTE Confidence: 0.885663476

00:19:35.521 --> 00:19:37.753 just take a look at within the platform,  
NOTE Confidence: 0.885663476

00:19:37.760 --> 00:19:39.825 which I'm not sure if you guys  
NOTE Confidence: 0.885663476

00:19:39.825 --> 00:19:41.200 know is accessible to you.  
NOTE Confidence: 0.885663476

00:19:41.200 --> 00:19:42.892 Is this My account button up  
NOTE Confidence: 0.885663476

00:19:42.892 --> 00:19:44.920 here in the top right corner?  
NOTE Confidence: 0.885663476

00:19:44.920 --> 00:19:47.594 So if you go to My account,  
NOTE Confidence: 0.885663476

00:19:47.600 --> 00:19:50.144 you are able to fill in your first  
NOTE Confidence: 0.885663476

00:19:50.144 --> 00:19:52.348 and last name when you enrolled it  
NOTE Confidence: 0.885663476

00:19:52.348 --> 00:19:54.470 did take the the city, state and zip.  
NOTE Confidence: 0.885663476

00:19:54.470 --> 00:19:55.520 If it's not in there,  
NOTE Confidence: 0.885663476

00:19:55.520 --> 00:19:59.360 you can you can add it in their phone number,  
NOTE Confidence: 0.885663476

00:19:59.360 --> 00:20:01.520 date of birth and your communication  
NOTE Confidence: 0.885663476

00:20:01.520 --> 00:20:01.880 preference.  
NOTE Confidence: 0.885663476

00:20:01.880 --> 00:20:03.280 So if you have your phone number,  
NOTE Confidence: 0.885663476

00:20:03.280 --> 00:20:05.596 you can choose to have your

NOTE Confidence: 0.885663476

00:20:05.596 --> 00:20:07.702 communication sent SMS, e-mail or voice.

NOTE Confidence: 0.885663476

00:20:07.702 --> 00:20:10.346 I wanted to let you know that whatever

NOTE Confidence: 0.885663476

00:20:10.346 --> 00:20:13.298 works best for you and that you can

NOTE Confidence: 0.885663476

00:20:13.298 --> 00:20:15.997 customize that within this My account page.

NOTE Confidence: 0.885663476

00:20:16.000 --> 00:20:17.918 What's also nice under this menu is

NOTE Confidence: 0.885663476

00:20:17.918 --> 00:20:20.328 if you have a question, if you can,

NOTE Confidence: 0.885663476

00:20:20.328 --> 00:20:22.400 contact support and it will take you

NOTE Confidence: 0.885663476

00:20:22.471 --> 00:20:24.291 to our frequently Asked questions

NOTE Confidence: 0.885663476

00:20:24.291 --> 00:20:26.111 and it'll help you guide.

NOTE Confidence: 0.885663476

00:20:26.120 --> 00:20:27.818 You through any you know problem

NOTE Confidence: 0.885663476

00:20:27.818 --> 00:20:28.950 or issue that you're

NOTE Confidence: 0.923809883888889

00:20:29.007 --> 00:20:30.263 encountering or any questions

NOTE Confidence: 0.923809883888889

00:20:30.263 --> 00:20:32.672 that you may have and we also have

NOTE Confidence: 0.923809883888889

00:20:32.672 --> 00:20:34.400 our privacy in terms of service.

NOTE Confidence: 0.923809883888889

00:20:34.400 --> 00:20:36.575 So I wanted to highlight

NOTE Confidence: 0.923809883888889

00:20:36.575 --> 00:20:38.315 the My Account feature.  
NOTE Confidence: 0.923809883888889

00:20:38.320 --> 00:20:40.084 We also of course you guys have  
NOTE Confidence: 0.923809883888889

00:20:40.084 --> 00:20:41.621 the Listen study which you can  
NOTE Confidence: 0.923809883888889

00:20:41.621 --> 00:20:43.308 click into and it is only Listen  
NOTE Confidence: 0.923809883888889

00:20:43.370 --> 00:20:44.948 study related and I'm sure that  
NOTE Confidence: 0.923809883888889

00:20:44.948 --> 00:20:48.160 you guys are quite aware of that.  
NOTE Confidence: 0.923809883888889

00:20:48.160 --> 00:20:49.954 But the biggest emphasis that I'd  
NOTE Confidence: 0.923809883888889

00:20:49.954 --> 00:20:52.438 like to make is on data connections.  
NOTE Confidence: 0.923809883888889

00:20:52.440 --> 00:20:53.676 So data connections,  
NOTE Confidence: 0.923809883888889

00:20:53.676 --> 00:20:57.155 it is super important that we have this  
NOTE Confidence: 0.923809883888889

00:20:57.155 --> 00:20:59.715 information of your medical records.  
NOTE Confidence: 0.923809883888889

00:20:59.720 --> 00:21:02.639 It is the key contributor as to  
NOTE Confidence: 0.923809883888889

00:21:02.640 --> 00:21:04.880 understanding the medical diseases,  
NOTE Confidence: 0.923809883888889

00:21:04.880 --> 00:21:06.000 any current,  
NOTE Confidence: 0.923809883888889

00:21:06.000 --> 00:21:07.734 any current events that have happened  
NOTE Confidence: 0.923809883888889

00:21:07.734 --> 00:21:10.158 since the last time that you've been seeing.

NOTE Confidence: 0.923809883888889  
00:21:10.160 --> 00:21:12.536 So I want to go ahead and go  
NOTE Confidence: 0.923809883888889  
00:21:12.536 --> 00:21:15.083 through AQ and A of anything that  
NOTE Confidence: 0.923809883888889  
00:21:15.083 --> 00:21:17.640 is confusing or about this process.  
NOTE Confidence: 0.923809883888889  
00:21:17.640 --> 00:21:19.928 So I'm going to go ahead and jump  
NOTE Confidence: 0.923809883888889  
00:21:19.928 --> 00:21:22.399 right into how to connect your records.  
NOTE Confidence: 0.923809883888889  
00:21:22.400 --> 00:21:22.656 OK.  
NOTE Confidence: 0.923809883888889  
00:21:22.656 --> 00:21:24.960 So what you would do is you would go  
NOTE Confidence: 0.923809883888889  
00:21:25.024 --> 00:21:27.808 ahead and just click this add my data  
NOTE Confidence: 0.923809883888889  
00:21:27.808 --> 00:21:29.636 connections and then it says that Kindred,  
NOTE Confidence: 0.923809883888889  
00:21:29.640 --> 00:21:30.768 it uses Hugo,  
NOTE Confidence: 0.923809883888889  
00:21:30.768 --> 00:21:33.400 how to safely and secure your records.  
NOTE Confidence: 0.923809883888889  
00:21:33.400 --> 00:21:34.840 We connect with hundreds of providers,  
NOTE Confidence: 0.923809883888889  
00:21:34.840 --> 00:21:36.492 so not only healthcare,  
NOTE Confidence: 0.923809883888889  
00:21:36.492 --> 00:21:37.318 we pharmacies,  
NOTE Confidence: 0.923809883888889  
00:21:37.320 --> 00:21:38.866 devices, applications,  
NOTE Confidence: 0.923809883888889

00:21:38.866 --> 00:21:41.958 you know insure insurers,  
NOTE Confidence: 0.923809883888889

00:21:41.960 --> 00:21:43.904 payers etcetera and that we only  
NOTE Confidence: 0.923809883888889

00:21:43.904 --> 00:21:45.914 share your data with your permission  
NOTE Confidence: 0.923809883888889

00:21:45.914 --> 00:21:48.182 you can manage and revoke at any  
NOTE Confidence: 0.923809883888889

00:21:48.182 --> 00:21:50.238 time and I will show you how you  
NOTE Confidence: 0.923809883888889

00:21:50.238 --> 00:21:52.220 can do that and press continue.  
NOTE Confidence: 0.923809883888889

00:21:52.220 --> 00:21:53.873 So we all we do is we have a list  
NOTE Confidence: 0.923809883888889

00:21:53.880 --> 00:21:55.315 of popular connections just to  
NOTE Confidence: 0.923809883888889

00:21:55.315 --> 00:21:57.762 give you an idea of what kind of  
NOTE Confidence: 0.923809883888889

00:21:57.762 --> 00:21:59.280 different clinical devices and  
NOTE Confidence: 0.923809883888889

00:21:59.280 --> 00:22:01.680 pharmacies that we have to offer.  
NOTE Confidence: 0.923809883888889

00:22:01.680 --> 00:22:04.074 But there's also this wonderful search field.  
NOTE Confidence: 0.923809883888889

00:22:04.080 --> 00:22:05.720 So what I'm going to do is I'm  
NOTE Confidence: 0.923809883888889

00:22:05.720 --> 00:22:07.146 going to go ahead and search  
NOTE Confidence: 0.923809883888889

00:22:07.146 --> 00:22:08.592 for a provider in my area.  
NOTE Confidence: 0.923809883888889

00:22:08.600 --> 00:22:09.320 I'm in the Bay Area,

NOTE Confidence: 0.923809883888889  
00:22:09.320 --> 00:22:12.072 so I'm going to go ahead and and  
NOTE Confidence: 0.923809883888889  
00:22:12.072 --> 00:22:13.830 search Kaiser and you'll see that  
NOTE Confidence: 0.923809883888889  
00:22:13.830 --> 00:22:16.260 all the Kaiser locations pull up and  
NOTE Confidence: 0.923809883888889  
00:22:16.260 --> 00:22:18.794 that you can select which one you  
NOTE Confidence: 0.923809883888889  
00:22:18.794 --> 00:22:21.116 know you're you are affiliated with.  
NOTE Confidence: 0.923809883888889  
00:22:21.120 --> 00:22:22.356 So let's say that I'm affiliated  
NOTE Confidence: 0.923809883888889  
00:22:22.360 --> 00:22:23.661 with Baldwin Park,  
NOTE Confidence: 0.923809883888889  
00:22:23.661 --> 00:22:25.467 I would go ahead and press  
NOTE Confidence: 0.923809883888889  
00:22:25.467 --> 00:22:26.960 the button to connect.  
NOTE Confidence: 0.923809883888889  
00:22:26.960 --> 00:22:30.677 I would enter my Kaiser Permanente Baldwin  
NOTE Confidence: 0.923809883888889  
00:22:30.677 --> 00:22:33.440 Park credentials into these fields.  
NOTE Confidence: 0.923809883888889  
00:22:33.440 --> 00:22:35.400 You would check off this box that you  
NOTE Confidence: 0.923809883888889  
00:22:35.400 --> 00:22:36.940 were authorizing the use and storage  
NOTE Confidence: 0.923809883888889  
00:22:36.940 --> 00:22:38.440 of the credentials and your health,  
NOTE Confidence: 0.923809883888889  
00:22:38.440 --> 00:22:41.597 health data through the Hugo Connect process.  
NOTE Confidence: 0.923809883888889

00:22:41.600 --> 00:22:43.679 I want to emphasize this as well.  
NOTE Confidence: 0.923809883888889

00:22:43.680 --> 00:22:45.774 Your credentials are securely stored and  
NOTE Confidence: 0.923809883888889

00:22:45.774 --> 00:22:48.320 encrypted in both in motion and at rest.  
NOTE Confidence: 0.923809883888889

00:22:48.320 --> 00:22:50.156 When you with using a management  
NOTE Confidence: 0.923809883888889

00:22:50.156 --> 00:22:52.040 system that is strictly controlled,  
NOTE Confidence: 0.923809883888889

00:22:52.040 --> 00:22:53.210 credentials are never shared and  
NOTE Confidence: 0.923809883888889

00:22:53.210 --> 00:22:55.000 are solely a part of your account.  
NOTE Confidence: 0.923809883888889

00:22:55.000 --> 00:22:58.240 You can change or revoke access at any time.  
NOTE Confidence: 0.923809883888889

00:22:58.240 --> 00:22:59.000 All right,  
NOTE Confidence: 0.923809883888889

00:22:59.000 --> 00:23:02.040 so I'm going to go ahead and submit  
NOTE Confidence: 0.923809883888889

00:23:02.040 --> 00:23:03.610 and there's this fun confetti  
NOTE Confidence: 0.923809883888889

00:23:03.610 --> 00:23:05.581 page that shows you that you  
NOTE Confidence: 0.923809883888889

00:23:05.581 --> 00:23:07.276 have submitted and that record.  
NOTE Confidence: 0.923809883888889

00:23:07.280 --> 00:23:09.198 You can go on to add another.  
NOTE Confidence: 0.923809883888889

00:23:09.200 --> 00:23:10.754 So let's go ahead and do so.  
NOTE Confidence: 0.923809883888889

00:23:10.760 --> 00:23:12.510 Let's go ahead and choose a pharmacy

NOTE Confidence: 0.923809883888889  
00:23:12.510 --> 00:23:14.517 this time and let's go with Walgreens.  
NOTE Confidence: 0.94967315  
00:23:17.840 --> 00:23:21.520 Same thing. You can go ahead and connect,  
NOTE Confidence: 0.94967315  
00:23:21.520 --> 00:23:24.272 put in your Walgreens  
NOTE Confidence: 0.94967315  
00:23:24.272 --> 00:23:27.879 credentials and submit some.  
NOTE Confidence: 0.94967315  
00:23:27.880 --> 00:23:30.568 Some of the pharmacies or providers or  
NOTE Confidence: 0.94967315  
00:23:30.568 --> 00:23:32.932 healthcare systems have an external question  
NOTE Confidence: 0.94967315  
00:23:32.932 --> 00:23:35.360 or an additional item that you need to,  
NOTE Confidence: 0.94967315  
00:23:35.360 --> 00:23:37.168 you know, you have to redirect to a  
NOTE Confidence: 0.94967315  
00:23:37.168 --> 00:23:38.837 different page or an additional question.  
NOTE Confidence: 0.94967315  
00:23:38.840 --> 00:23:40.556 This one happens too with Walgreens,  
NOTE Confidence: 0.94967315  
00:23:40.560 --> 00:23:42.624 so I'm going to go ahead  
NOTE Confidence: 0.94967315  
00:23:42.624 --> 00:23:44.000 and submit an answer.  
NOTE Confidence: 0.94967315  
00:23:44.000 --> 00:23:45.236 And this is all test data,  
NOTE Confidence: 0.94967315  
00:23:45.240 --> 00:23:47.080 so this isn't anything real,  
NOTE Confidence: 0.94967315  
00:23:47.080 --> 00:23:49.312 Just want to show you what it looks like.  
NOTE Confidence: 0.94967315

00:23:49.320 --> 00:23:51.770 When you are all done connecting your  
NOTE Confidence: 0.94967315

00:23:51.770 --> 00:23:54.360 records, you can click this button.  
NOTE Confidence: 0.94967315

00:23:54.360 --> 00:23:57.076 You can see what you've already connected  
NOTE Confidence: 0.94967315

00:23:57.080 --> 00:23:59.200 and if you click out of this box,  
NOTE Confidence: 0.94967315

00:23:59.200 --> 00:24:01.846 it is now showing up under My  
NOTE Confidence: 0.94967315

00:24:01.846 --> 00:24:03.840 Data Connections as connected.  
NOTE Confidence: 0.94967315

00:24:03.840 --> 00:24:07.513 Now let's say that you would like to that  
NOTE Confidence: 0.94967315

00:24:07.513 --> 00:24:09.774 this says it has it needs attention.  
NOTE Confidence: 0.94967315

00:24:09.774 --> 00:24:11.856 Maybe the password that you entered  
NOTE Confidence: 0.94967315

00:24:11.856 --> 00:24:13.803 wasn't correct or maybe you need  
NOTE Confidence: 0.94967315

00:24:13.803 --> 00:24:14.995 to re authenticate yourself.  
NOTE Confidence: 0.94967315

00:24:15.000 --> 00:24:18.088 You can go ahead and select this wrench  
NOTE Confidence: 0.94967315

00:24:18.088 --> 00:24:20.600 here and go to repair connection.  
NOTE Confidence: 0.94967315

00:24:20.600 --> 00:24:22.742 That will bring it this Baldwin Park  
NOTE Confidence: 0.94967315

00:24:22.742 --> 00:24:24.774 Medical Center right back up so that  
NOTE Confidence: 0.94967315

00:24:24.774 --> 00:24:26.840 you can re enter your credentials and

NOTE Confidence: 0.94967315

00:24:26.840 --> 00:24:29.240 hopefully have a successful login.

NOTE Confidence: 0.94967315

00:24:29.240 --> 00:24:32.237 If you'd like to revoke access at any time,

NOTE Confidence: 0.94967315

00:24:32.240 --> 00:24:34.379 the same applies,

NOTE Confidence: 0.94967315

00:24:34.379 --> 00:24:36.518 you would disconnect.

NOTE Confidence: 0.94967315

00:24:36.520 --> 00:24:38.350 You would receive this page to

NOTE Confidence: 0.94967315

00:24:38.350 --> 00:24:40.288 unlink the connection and this it

NOTE Confidence: 0.94967315

00:24:40.288 --> 00:24:41.923 states that you're unlinking the

NOTE Confidence: 0.94967315

00:24:41.923 --> 00:24:43.548 connection and this will prevent

NOTE Confidence: 0.94967315

00:24:43.548 --> 00:24:45.935 any of your connected services from

NOTE Confidence: 0.94967315

00:24:45.935 --> 00:24:48.469 accessing your data in the future

NOTE Confidence: 0.94967315

00:24:48.469 --> 00:24:50.635 and you can unlink that way.

NOTE Confidence: 0.94967315

00:24:50.640 --> 00:24:52.229 And so I wanted to definitely show

NOTE Confidence: 0.94967315

00:24:52.229 --> 00:24:54.034 you all the different types of things

NOTE Confidence: 0.94967315

00:24:54.034 --> 00:24:57.330 that you can search for any questions

NOTE Confidence: 0.94967315

00:24:57.330 --> 00:25:00.520 that you may have and and go from there.

NOTE Confidence: 0.952552396666667

00:25:06.000 --> 00:25:07.452 Anything that I didn't cover that  
NOTE Confidence: 0.952552396666667

00:25:07.452 --> 00:25:09.000 you feel needs to be covered.  
NOTE Confidence: 0.924184927142857

00:25:10.680 --> 00:25:13.998 So there's a question in the box.  
NOTE Confidence: 0.924184927142857

00:25:14.000 --> 00:25:17.160 So when it comes to adding medical records,  
NOTE Confidence: 0.924184927142857

00:25:17.160 --> 00:25:19.248 every time I connect to Facility  
NOTE Confidence: 0.924184927142857

00:25:19.248 --> 00:25:21.057 portal it will connect but  
NOTE Confidence: 0.924184927142857

00:25:21.057 --> 00:25:22.797 then connection will be lost.  
NOTE Confidence: 0.924184927142857

00:25:22.800 --> 00:25:25.000 I also keep getting sent  
NOTE Confidence: 0.924184927142857

00:25:25.000 --> 00:25:26.760 duplicates of assay survey.  
NOTE Confidence: 0.924184927142857

00:25:26.760 --> 00:25:28.884 Sorry that I have already filled  
NOTE Confidence: 0.924184927142857

00:25:28.884 --> 00:25:31.074 out and finished and I get  
NOTE Confidence: 0.924184927142857

00:25:31.074 --> 00:25:32.839 emails saying need to complete.  
NOTE Confidence: 0.924184927142857

00:25:32.840 --> 00:25:35.240 If I have already come completed,  
NOTE Confidence: 0.924184927142857

00:25:35.240 --> 00:25:38.210 do I really need to fill  
NOTE Confidence: 0.924184927142857

00:25:38.210 --> 00:25:40.040 out again if the serve?  
NOTE Confidence: 0.924184927142857

00:25:40.040 --> 00:25:41.160 If you're still receiving

NOTE Confidence: 0.966731566666667  
00:25:41.160 --> 00:25:43.344 survey emails then that means that  
NOTE Confidence: 0.966731566666667  
00:25:43.344 --> 00:25:46.280 there is a survey to complete still.  
NOTE Confidence: 0.966731566666667  
00:25:46.280 --> 00:25:48.719 So if you log into your Kindred platform,  
NOTE Confidence: 0.966731566666667  
00:25:48.720 --> 00:25:51.112 you should see a survey up in my  
NOTE Confidence: 0.966731566666667  
00:25:51.112 --> 00:25:53.441 active Tasks if you are still receiving  
NOTE Confidence: 0.966731566666667  
00:25:53.441 --> 00:25:55.640 an e-mail to complete a survey.  
NOTE Confidence: 0.966731566666667  
00:25:55.640 --> 00:25:57.712 So that means that it might be in  
NOTE Confidence: 0.966731566666667  
00:25:57.712 --> 00:25:59.172 progress but not fully completed  
NOTE Confidence: 0.966731566666667  
00:25:59.172 --> 00:26:01.615 because it will still show up in the  
NOTE Confidence: 0.966731566666667  
00:26:01.615 --> 00:26:03.595 carousel until it is fully completed.  
NOTE Confidence: 0.966731566666667  
00:26:03.600 --> 00:26:05.841 If it's in progress and you stop at a  
NOTE Confidence: 0.966731566666667  
00:26:05.841 --> 00:26:07.880 certain point, if you press the button,  
NOTE Confidence: 0.966731566666667  
00:26:07.880 --> 00:26:10.364 it will restart at the time  
NOTE Confidence: 0.966731566666667  
00:26:10.364 --> 00:26:12.720 that you stopped the survey.  
NOTE Confidence: 0.966731566666667  
00:26:12.720 --> 00:26:14.040 I hope that that helps.  
NOTE Confidence: 0.8214527905

00:26:16.240 --> 00:26:17.432 Yeah. Tanya, there's another  
NOTE Confidence: 0.8214527905

00:26:17.432 --> 00:26:19.518 question that a couple of people have  
NOTE Confidence: 0.8214527905

00:26:19.518 --> 00:26:21.226 asked is if none of the providers  
NOTE Confidence: 0.8214527905

00:26:21.226 --> 00:26:22.640 are linked, what is the process?  
NOTE Confidence: 0.894678488333333

00:26:24.840 --> 00:26:27.720 None of the providers are linked,  
NOTE Confidence: 0.894678488333333

00:26:27.720 --> 00:26:30.032 meaning you can't find  
NOTE Confidence: 0.894678488333333

00:26:30.032 --> 00:26:32.680 the provider under. OK.  
NOTE Confidence: 0.894678488333333

00:26:32.680 --> 00:26:34.760 So let's say you can't find the providers.  
NOTE Confidence: 0.894678488333333

00:26:34.760 --> 00:26:37.480 So let's just search here.  
NOTE Confidence: 0.894678488333333

00:26:37.480 --> 00:26:39.496 All right. So you can't find  
NOTE Confidence: 0.894678488333333

00:26:39.496 --> 00:26:40.840 what you're looking for.  
NOTE Confidence: 0.894678488333333

00:26:40.840 --> 00:26:41.840 Let us know here.  
NOTE Confidence: 0.9574427

00:26:43.960 --> 00:26:46.453 And this is where you can go ahead and  
NOTE Confidence: 0.9574427

00:26:46.453 --> 00:26:48.806 you can submit a request to us saying,  
NOTE Confidence: 0.9574427

00:26:48.806 --> 00:26:51.380 hey, I can't find my provider and that we  
NOTE Confidence: 0.9574427

00:26:51.443 --> 00:26:53.756 will do our best to go ahead and locate

NOTE Confidence: 0.9574427

00:26:53.756 --> 00:26:56.118 that provider and try to get that added.

NOTE Confidence: 0.9574427

00:26:56.120 --> 00:26:59.700 Does that answer that question Perfect.

NOTE Confidence: 0.9574427

00:26:59.700 --> 00:27:00.680 Thank you. You're welcome.

NOTE Confidence: 0.967909722

00:27:04.840 --> 00:27:05.920 So as you can see,

NOTE Confidence: 0.967909722

00:27:05.920 --> 00:27:07.316 this needs attention already.

NOTE Confidence: 0.967909722

00:27:07.316 --> 00:27:09.061 It updates rather quickly because

NOTE Confidence: 0.967909722

00:27:09.061 --> 00:27:10.920 I was using test credentials.

NOTE Confidence: 0.967909722

00:27:10.920 --> 00:27:13.032 So just to let you know why that

NOTE Confidence: 0.967909722

00:27:13.032 --> 00:27:14.803 says it needs it needs attention.

NOTE Confidence: 0.967909722

00:27:14.803 --> 00:27:15.927 It's just the test

NOTE Confidence: 0.967909722

00:27:15.927 --> 00:27:17.320 credentials that I was using.

NOTE Confidence: 0.967909722

00:27:17.320 --> 00:27:19.448 But in a in a normal situation

NOTE Confidence: 0.967909722

00:27:19.448 --> 00:27:21.378 it would be connected with

NOTE Confidence: 0.967909722

00:27:21.378 --> 00:27:23.160 the correct credentials. Enter

NOTE Confidence: 0.9151613783333333

00:27:26.760 --> 00:27:28.716 any further questions that I am.

NOTE Confidence: 0.824248541666667

00:27:31.520 --> 00:27:33.800 So here is 1 from Sheila.  
NOTE Confidence: 0.824248541666667

00:27:33.800 --> 00:27:36.059 I see that I signed up back in August  
NOTE Confidence: 0.824248541666667

00:27:36.059 --> 00:27:38.635 for the survey but have received nothing.  
NOTE Confidence: 0.824248541666667

00:27:38.640 --> 00:27:42.960 Can someone help me get into the pipeline?  
NOTE Confidence: 0.824248541666667

00:27:42.960 --> 00:27:47.480 So I think Tanya there Talia has already  
NOTE Confidence: 0.824248541666667

00:27:47.480 --> 00:27:51.600 sent out an e-mail ID where you can ask  
NOTE Confidence: 0.824248541666667

00:27:51.600 --> 00:27:54.399 all of these questions and get a response.  
NOTE Confidence: 0.824248541666667

00:27:54.400 --> 00:27:57.320 Do you want to add any other suggestions?  
NOTE Confidence: 0.970551043333333

00:28:00.520 --> 00:28:01.558 I would need to have more  
NOTE Confidence: 0.86165194

00:28:01.560 --> 00:28:03.735 information to see what exactly  
NOTE Confidence: 0.86165194

00:28:03.735 --> 00:28:05.040 this person's encountering,  
NOTE Confidence: 0.86165194

00:28:05.040 --> 00:28:06.888 but I would be happy to assist  
NOTE Confidence: 0.86165194

00:28:06.888 --> 00:28:09.199 or or stay after to to figure out  
NOTE Confidence: 0.86165194

00:28:09.199 --> 00:28:11.360 what how that could be occurring.  
NOTE Confidence: 0.86165194

00:28:11.360 --> 00:28:14.860 Yes, I want to hear and know  
NOTE Confidence: 0.86165194

00:28:14.860 --> 00:28:17.070 about any possible, you know,

NOTE Confidence: 0.86165194

00:28:17.070 --> 00:28:18.845 disconnect or any any difficulties

NOTE Confidence: 0.86165194

00:28:18.845 --> 00:28:21.071 that anyone's having within the system

NOTE Confidence: 0.86165194

00:28:21.071 --> 00:28:22.901 other than finding their connection

NOTE Confidence: 0.86165194

00:28:22.901 --> 00:28:24.907 because there is a way to to submit

NOTE Confidence: 0.86165194

00:28:24.907 --> 00:28:27.292 that and we can try to obtain that.

NOTE Confidence: 0.86165194

00:28:27.292 --> 00:28:29.634 But yes, I can definitely follow up on that.

NOTE Confidence: 0.926533601904762

00:28:32.080 --> 00:28:34.576 So I also see that somebody is asking

NOTE Confidence: 0.926533601904762

00:28:34.576 --> 00:28:36.496 Angie here is asking how often

NOTE Confidence: 0.926533601904762

00:28:36.496 --> 00:28:38.920 should we check the app for surveys.

NOTE Confidence: 0.935278724166667

00:28:41.640 --> 00:28:43.686 You should be receiving emails for

NOTE Confidence: 0.935278724166667

00:28:43.686 --> 00:28:45.920 any new surveys that are assigned.

NOTE Confidence: 0.935278724166667

00:28:45.920 --> 00:28:47.360 So I would you know,

NOTE Confidence: 0.935278724166667

00:28:47.360 --> 00:28:49.088 it's it's always a great thing

NOTE Confidence: 0.935278724166667

00:28:49.088 --> 00:28:50.612 to visit the app, you know,

NOTE Confidence: 0.935278724166667

00:28:50.612 --> 00:28:52.100 a couple of times a week or as

NOTE Confidence: 0.935278724166667

00:28:52.151 --> 00:28:53.711 often as you'd like to see if you  
NOTE Confidence: 0.935278724166667

00:28:53.711 --> 00:28:54.760 have any active tasks.  
NOTE Confidence: 0.935278724166667

00:28:54.760 --> 00:28:56.842 But we will send e-mail correspondence  
NOTE Confidence: 0.935278724166667

00:28:56.842 --> 00:28:59.214 when there is a task that needs  
NOTE Confidence: 0.935278724166667

00:28:59.214 --> 00:29:01.176 to be completed and that would  
NOTE Confidence: 0.935278724166667

00:29:01.176 --> 00:29:03.673 show up and whatever task we would  
NOTE Confidence: 0.935278724166667

00:29:03.673 --> 00:29:05.838 send an e-mail about would would  
NOTE Confidence: 0.935278724166667

00:29:05.838 --> 00:29:08.113 be up in this task carousel here.  
NOTE Confidence: 0.935278724166667

00:29:08.120 --> 00:29:09.884 And there might even be one that  
NOTE Confidence: 0.935278724166667

00:29:09.884 --> 00:29:11.400 says connect your health records  
NOTE Confidence: 0.935278724166667

00:29:11.400 --> 00:29:12.520 And what you would do is you would,  
NOTE Confidence: 0.935278724166667

00:29:12.520 --> 00:29:14.672 you know press on this on this arrow  
NOTE Confidence: 0.935278724166667

00:29:14.672 --> 00:29:16.956 and then it would pop up this screen  
NOTE Confidence: 0.935278724166667

00:29:16.956 --> 00:29:19.586 to encourage you to to to enter  
NOTE Confidence: 0.935278724166667

00:29:19.586 --> 00:29:21.594 your medical record information.  
NOTE Confidence: 0.828200444444445

00:29:24.960 --> 00:29:26.064 Thank you, Tanya.

NOTE Confidence: 0.828200444444445  
00:29:26.064 --> 00:29:28.272 If there are any other questions,  
NOTE Confidence: 0.828200444444445  
00:29:28.280 --> 00:29:30.880 please type it and I can see many  
NOTE Confidence: 0.828200444444445  
00:29:30.880 --> 00:29:33.640 are being answered in real time. Now  
NOTE Confidence: 0.811322154285714  
00:29:36.120 --> 00:29:38.360 Bernal, if I could just jump in  
NOTE Confidence: 0.811322154285714  
00:29:38.360 --> 00:29:40.958 real quick and I wanted to explain  
NOTE Confidence: 0.926427647777778  
00:29:40.960 --> 00:29:43.276 a little bit about how our  
NOTE Confidence: 0.926427647777778  
00:29:43.276 --> 00:29:44.434 data collection works.  
NOTE Confidence: 0.926427647777778  
00:29:44.440 --> 00:29:47.198 A lot of the connections that we support  
NOTE Confidence: 0.926427647777778  
00:29:47.200 --> 00:29:49.800 are through an EMR provider called Epic.  
NOTE Confidence: 0.926427647777778  
00:29:49.800 --> 00:29:51.900 You'll notice that when you go  
NOTE Confidence: 0.926427647777778  
00:29:51.968 --> 00:29:53.720 to connect your credentials,  
NOTE Confidence: 0.926427647777778  
00:29:53.720 --> 00:29:56.960 a new tab will actually open and you will  
NOTE Confidence: 0.926427647777778  
00:29:56.960 --> 00:29:59.456 have to enter your credentials there.  
NOTE Confidence: 0.926427647777778  
00:29:59.456 --> 00:30:03.199 I'm seeing a question in the chat about  
NOTE Confidence: 0.926427647777778  
00:30:03.200 --> 00:30:05.036 if you have multiple Epic connections,  
NOTE Confidence: 0.926427647777778

00:30:05.040 --> 00:30:07.200 do you need to sign up with each one?

NOTE Confidence: 0.926427647777778

00:30:07.200 --> 00:30:08.536 The answer is yes,

NOTE Confidence: 0.926427647777778

00:30:08.536 --> 00:30:10.540 because you are consenting on a

NOTE Confidence: 0.926427647777778

00:30:10.610 --> 00:30:13.012 sort of hospital basis to share your

NOTE Confidence: 0.926427647777778

00:30:13.012 --> 00:30:16.470 information and not the letter or

NOTE Confidence: 0.926427647777778

00:30:16.470 --> 00:30:19.560 the EMR basis to your information

NOTE Confidence: 0.972723236666667

00:30:19.560 --> 00:30:21.060 like that. And I just

NOTE Confidence: 0.972723236666667

00:30:21.060 --> 00:30:23.320 wanted to share how sort of

NOTE Confidence: 0.953084122857143

00:30:23.480 --> 00:30:27.596 new and novel this process actually is.

NOTE Confidence: 0.953084122857143

00:30:27.600 --> 00:30:32.028 We Well, not we, but if you guys are

NOTE Confidence: 0.953084122857143

00:30:32.028 --> 00:30:33.920 familiar with the Cures Act which was

NOTE Confidence: 0.953084122857143

00:30:33.920 --> 00:30:38.176 passed in 2016 that basically said that

NOTE Confidence: 0.953084122857143

00:30:38.176 --> 00:30:40.720 your healthcare providers need to share

NOTE Confidence: 0.953084122857143

00:30:40.788 --> 00:30:43.236 this information when you request it.

NOTE Confidence: 0.953084122857143

00:30:43.240 --> 00:30:47.055 And things like that actually take

NOTE Confidence: 0.953084122857143

00:30:47.055 --> 00:30:49.680 a very long time to get going.

NOTE Confidence: 0.953084122857143  
00:30:49.680 --> 00:30:52.740 And you know, and then COVID happened  
NOTE Confidence: 0.953084122857143  
00:30:52.740 --> 00:30:55.306 and things kept getting pushed back and  
NOTE Confidence: 0.953084122857143  
00:30:55.306 --> 00:30:58.034 pushed back and we've reached this state  
NOTE Confidence: 0.953084122857143  
00:30:58.034 --> 00:31:00.380 where the deadline for full compliance  
NOTE Confidence: 0.953084122857143  
00:31:00.380 --> 00:31:02.600 is actually coming up pretty soon.  
NOTE Confidence: 0.953084122857143  
00:31:02.600 --> 00:31:05.432 It's the end of December 2022.  
NOTE Confidence: 0.953084122857143  
00:31:05.432 --> 00:31:07.616 So a lot of these processes that  
NOTE Confidence: 0.953084122857143  
00:31:07.616 --> 00:31:09.853 you guys are going through and  
NOTE Confidence: 0.953084122857143  
00:31:09.853 --> 00:31:12.100 almost sort of testing out for us,  
NOTE Confidence: 0.953084122857143  
00:31:12.100 --> 00:31:13.600 they're they're works in progress.  
NOTE Confidence: 0.953084122857143  
00:31:13.600 --> 00:31:16.480 So if you do see anything weird,  
NOTE Confidence: 0.953084122857143  
00:31:16.480 --> 00:31:18.553 you encounter a connection that  
NOTE Confidence: 0.953084122857143  
00:31:18.553 --> 00:31:19.718 you think should be there,  
NOTE Confidence: 0.953084122857143  
00:31:19.720 --> 00:31:22.876 that's not or you're finding that,  
NOTE Confidence: 0.953084122857143  
00:31:22.880 --> 00:31:24.632 you know, you connect and you  
NOTE Confidence: 0.953084122857143

00:31:24.632 --> 00:31:25.800 keep getting needs attention,  
NOTE Confidence: 0.953084122857143

00:31:25.800 --> 00:31:26.706 needs attention,  
NOTE Confidence: 0.953084122857143

00:31:26.706 --> 00:31:27.612 needs attention.  
NOTE Confidence: 0.953084122857143

00:31:27.612 --> 00:31:30.648 We encourage you to reach out to Kindred  
NOTE Confidence: 0.953084122857143

00:31:30.648 --> 00:31:33.756 under score support at Hugo dot Health.  
NOTE Confidence: 0.953084122857143

00:31:33.760 --> 00:31:35.152 The connection related issues  
NOTE Confidence: 0.953084122857143

00:31:35.152 --> 00:31:37.570 actually tend to come straight to me,  
NOTE Confidence: 0.953084122857143

00:31:37.570 --> 00:31:39.610 so I can get you going and make  
NOTE Confidence: 0.953084122857143

00:31:39.610 --> 00:31:41.000 sure that we have everything working  
NOTE Confidence: 0.961655655

00:31:41.000 --> 00:31:42.400 as smoothly as possible.  
NOTE Confidence: 0.588382

00:31:45.360 --> 00:31:47.040 I'm just going to check and  
NOTE Confidence: 0.588382

00:31:47.040 --> 00:31:48.440 see if there's any other  
NOTE Confidence: 0.947215015454546

00:31:48.440 --> 00:31:49.835 questions that I can answer  
NOTE Confidence: 0.947215015454546

00:31:49.835 --> 00:31:51.560 while I've got the floor here.  
NOTE Confidence: 0.71206411

00:31:53.480 --> 00:31:55.560 Thanks so much, Emma. Yeah,  
NOTE Confidence: 0.945221723333333

00:31:59.040 --> 00:31:59.760 I just tried

NOTE Confidence: 0.958727888125

00:31:59.760 --> 00:32:01.016 reconnecting needs work account.

NOTE Confidence: 0.958727888125

00:32:01.016 --> 00:32:03.214 How long does it take for a

NOTE Confidence: 0.958727888125

00:32:03.214 --> 00:32:04.479 new connection to show up?

NOTE Confidence: 0.958727888125

00:32:04.480 --> 00:32:06.741 So that's actually a great question because

NOTE Confidence: 0.958727888125

00:32:06.741 --> 00:32:09.235 we get this one a lot in our support.

NOTE Confidence: 0.958727888125

00:32:09.240 --> 00:32:10.188 It's not instantaneous.

NOTE Confidence: 0.958727888125

00:32:10.188 --> 00:32:12.739 So the way it kind of works on

NOTE Confidence: 0.958727888125

00:32:12.739 --> 00:32:14.636 the back end is once you finish,

NOTE Confidence: 0.958727888125

00:32:14.640 --> 00:32:16.736 there's a message sent out to the rest of

NOTE Confidence: 0.958727888125

00:32:16.736 --> 00:32:19.160 our system and it basically queues up a job.

NOTE Confidence: 0.958727888125

00:32:19.160 --> 00:32:21.748 So it's like first in, first out type deal.

NOTE Confidence: 0.958727888125

00:32:21.748 --> 00:32:23.855 So if there's a whole bunch of other

NOTE Confidence: 0.958727888125

00:32:23.855 --> 00:32:25.553 people connecting at the same time,

NOTE Confidence: 0.958727888125

00:32:25.560 --> 00:32:28.866 it may take up to, you know,

NOTE Confidence: 0.958727888125

00:32:28.866 --> 00:32:32.746 2-3 minutes for that new status to show up.

NOTE Confidence: 0.958727888125

00:32:32.746 --> 00:32:34.640 So give it a little bit,  
NOTE Confidence: 0.958727888125

00:32:34.640 --> 00:32:36.120 maybe even refresh the screen  
NOTE Confidence: 0.958727888125

00:32:36.120 --> 00:32:37.600 in a minute or two.  
NOTE Confidence: 0.958727888125

00:32:37.600 --> 00:32:39.010 And if you're still seeing that  
NOTE Confidence: 0.958727888125

00:32:39.010 --> 00:32:39.480 needs attention,  
NOTE Confidence: 0.958727888125

00:32:39.480 --> 00:32:40.600 go ahead and reach out.  
NOTE Confidence: 0.958727888125

00:32:40.600 --> 00:32:40.680 How  
NOTE Confidence: 0.96737817

00:32:46.500 --> 00:32:47.139 far back do  
NOTE Confidence: 0.97065888

00:32:47.140 --> 00:32:48.780 you want My Health records?  
NOTE Confidence: 0.97065888

00:32:48.780 --> 00:32:51.510 So when you first give us permission  
NOTE Confidence: 0.97065888

00:32:51.510 --> 00:32:53.580 to go and access your records,  
NOTE Confidence: 0.97065888

00:32:53.580 --> 00:32:56.800 we will pull basically everything  
NOTE Confidence: 0.97065888

00:32:56.800 --> 00:32:58.582 that you give us permission to  
NOTE Confidence: 0.97065888

00:32:58.582 --> 00:33:00.852 as far back as your electronic  
NOTE Confidence: 0.97065888

00:33:00.852 --> 00:33:02.876 health record actually stores.  
NOTE Confidence: 0.97065888

00:33:02.880 --> 00:33:05.960 And this varies based on different providers.

NOTE Confidence: 0.97065888

00:33:05.960 --> 00:33:07.360 I know my personal stuff,

NOTE Confidence: 0.97065888

00:33:07.360 --> 00:33:09.040 I can see as far back as I was born,

NOTE Confidence: 0.97065888

00:33:09.040 --> 00:33:10.720 but I was born in 1998,

NOTE Confidence: 0.97065888

00:33:10.720 --> 00:33:12.804 so some people might not have

NOTE Confidence: 0.97065888

00:33:12.804 --> 00:33:14.114 that same sort of longevity

NOTE Confidence: 0.97065888

00:33:14.114 --> 00:33:15.720 in terms of their records.

NOTE Confidence: 0.966206891428571

00:33:18.880 --> 00:33:20.212 And then what if our medical

NOTE Confidence: 0.966206891428571

00:33:20.212 --> 00:33:22.160 provider is a solo practitioner?

NOTE Confidence: 0.966206891428571

00:33:22.160 --> 00:33:26.992 Again, if you reach out to support or

NOTE Confidence: 0.966206891428571

00:33:26.992 --> 00:33:29.808 sorry kindred support at Hugo dot Health,

NOTE Confidence: 0.966206891428571

00:33:29.808 --> 00:33:32.125 we can you can send us your

NOTE Confidence: 0.966206891428571

00:33:32.125 --> 00:33:33.810 practitioners info and we can see

NOTE Confidence: 0.966206891428571

00:33:33.810 --> 00:33:35.760 if we could get you guys connected.

NOTE Confidence: 0.562494681666667

00:33:39.880 --> 00:33:43.318 Emma, there's a question I see

NOTE Confidence: 0.562494681666667

00:33:43.320 --> 00:33:45.276 are there hip hop protections in

NOTE Confidence: 0.562494681666667

00:33:45.276 --> 00:33:47.080 place when sharing medical records?  
NOTE Confidence: 0.955415691428571

00:33:48.320 --> 00:33:50.679 This is also a really good question.  
NOTE Confidence: 0.955415691428571

00:33:50.680 --> 00:33:54.040 So Hugo Health isn't what's called a  
NOTE Confidence: 0.955415691428571

00:33:54.040 --> 00:33:57.440 covered entity under HIPAA protections,  
NOTE Confidence: 0.955415691428571

00:33:57.440 --> 00:34:01.020 but we care greatly about your ability to  
NOTE Confidence: 0.955415691428571

00:34:01.020 --> 00:34:03.520 share and protect your own health data.  
NOTE Confidence: 0.955415691428571

00:34:03.520 --> 00:34:06.439 So we actually attest to and implement  
NOTE Confidence: 0.955415691428571

00:34:06.439 --> 00:34:10.080 all of the HIPAA standards on our own,  
NOTE Confidence: 0.955415691428571

00:34:10.080 --> 00:34:11.766 which you know, as someone who  
NOTE Confidence: 0.955415691428571

00:34:11.766 --> 00:34:13.400 actually uses the Kindred platform,  
NOTE Confidence: 0.955415691428571

00:34:13.400 --> 00:34:16.480 it's great because it means that there's  
NOTE Confidence: 0.955415691428571

00:34:16.480 --> 00:34:18.700 less vulnerabilities when we're transferring  
NOTE Confidence: 0.955415691428571

00:34:18.700 --> 00:34:21.200 your information to different places.  
NOTE Confidence: 0.955415691428571

00:34:21.200 --> 00:34:24.205 It means that when it's stored, there's  
NOTE Confidence: 0.955415691428571

00:34:24.205 --> 00:34:26.875 actually even more protections in place.  
NOTE Confidence: 0.955415691428571

00:34:26.880 --> 00:34:28.456 Your information is actually

NOTE Confidence: 0.955415691428571

00:34:28.456 --> 00:34:29.638 completely de identified.

NOTE Confidence: 0.955415691428571

00:34:29.640 --> 00:34:31.990 So if there were a breach or

NOTE Confidence: 0.955415691428571

00:34:31.990 --> 00:34:34.231 something which not usually the case,

NOTE Confidence: 0.955415691428571

00:34:34.231 --> 00:34:36.450 they wouldn't be able to link any

NOTE Confidence: 0.955415691428571

00:34:36.513 --> 00:34:38.439 of that back to you whatsoever.

NOTE Confidence: 0.955415691428571

00:34:38.440 --> 00:34:40.456 And we really do believe in a

NOTE Confidence: 0.955415691428571

00:34:40.456 --> 00:34:42.000 test to HIPAA policies.

NOTE Confidence: 0.955415691428571

00:34:42.000 --> 00:34:43.284 There's also something,

NOTE Confidence: 0.955415691428571

00:34:43.284 --> 00:34:44.996 in case anyone's curious,

NOTE Confidence: 0.955415691428571

00:34:45.000 --> 00:34:46.160 called the Karen Alliance,

NOTE Confidence: 0.955415691428571

00:34:46.160 --> 00:34:49.685 which is an additional set of principles

NOTE Confidence: 0.955415691428571

00:34:49.685 --> 00:34:51.804 that different healthcare providers

NOTE Confidence: 0.955415691428571

00:34:51.804 --> 00:34:54.214 and health and information technology

NOTE Confidence: 0.955415691428571

00:34:54.214 --> 00:34:56.845 providers can attest to that have

NOTE Confidence: 0.955415691428571

00:34:56.845 --> 00:34:58.333 even stricter policies regarding

NOTE Confidence: 0.955415691428571

00:34:58.333 --> 00:35:00.863 sharing of data and all sorts of  
NOTE Confidence: 0.955415691428571

00:35:00.863 --> 00:35:02.879 protections around that sort of stuff.  
NOTE Confidence: 0.849250711666667

00:35:07.880 --> 00:35:11.040 Hey, Emma, can you hear me? Yes.  
NOTE Confidence: 0.849250711666667

00:35:11.040 --> 00:35:13.800 Hi, this is Harlan. Hey Harlan,  
NOTE Confidence: 0.686739364444444

00:35:17.240 --> 00:35:20.120 People do ask us about the issue about  
NOTE Confidence: 0.686739364444444

00:35:20.120 --> 00:35:22.118 data staring in security and when they  
NOTE Confidence: 0.686739364444444

00:35:22.118 --> 00:35:23.640 say we're connecting our records,  
NOTE Confidence: 0.686739364444444

00:35:23.640 --> 00:35:25.048 what are we, what are we doing and  
NOTE Confidence: 0.686739364444444

00:35:25.048 --> 00:35:26.199 what's going to happen with them?  
NOTE Confidence: 0.686739364444444

00:35:26.200 --> 00:35:28.816 And I do think it's important to note  
NOTE Confidence: 0.686739364444444

00:35:28.816 --> 00:35:31.438 the way this works on your behalf.  
NOTE Confidence: 0.686739364444444

00:35:31.440 --> 00:35:32.760 Hugo's going, you may have just said this,  
NOTE Confidence: 0.686739364444444

00:35:32.760 --> 00:35:33.756 that I just got bunked off.  
NOTE Confidence: 0.686739364444444

00:35:33.760 --> 00:35:35.279 I'll come back and say it again.  
NOTE Confidence: 0.686739364444444

00:35:35.280 --> 00:35:37.480 You go on your behalf.  
NOTE Confidence: 0.686739364444444

00:35:37.480 --> 00:35:39.736 It's getting your data to deposit

NOTE Confidence: 0.686739364444444  
00:35:39.736 --> 00:35:41.695 into your secure cloud based  
NOTE Confidence: 0.686739364444444  
00:35:41.695 --> 00:35:43.999 account and grow your data assets.  
NOTE Confidence: 0.686739364444444  
00:35:44.000 --> 00:35:44.972 With your permission,  
NOTE Confidence: 0.686739364444444  
00:35:44.972 --> 00:35:46.916 that data goes into the study.  
NOTE Confidence: 0.686739364444444  
00:35:46.920 --> 00:35:47.631 With your permission,  
NOTE Confidence: 0.686739364444444  
00:35:47.631 --> 00:35:49.799 the data can be used in aggregate for us  
NOTE Confidence: 0.686739364444444  
00:35:49.799 --> 00:35:51.173 to create some summaries about what's  
NOTE Confidence: 0.686739364444444  
00:35:51.173 --> 00:35:52.800 going on for the Kindred community,  
NOTE Confidence: 0.686739364444444  
00:35:52.800 --> 00:35:54.285 but you will never be  
NOTE Confidence: 0.686739364444444  
00:35:54.285 --> 00:35:54.879 identified individually.  
NOTE Confidence: 0.686739364444444  
00:35:54.880 --> 00:35:56.602 Your data is not going to be  
NOTE Confidence: 0.686739364444444  
00:35:56.602 --> 00:35:58.159 sold or moved or monetized.  
NOTE Confidence: 0.686739364444444  
00:35:58.160 --> 00:36:00.068 It's about empowering you for your  
NOTE Confidence: 0.686739364444444  
00:36:00.068 --> 00:36:02.905 data to come in and for you to give  
NOTE Confidence: 0.686739364444444  
00:36:02.905 --> 00:36:04.953 permission for your data to be used  
NOTE Confidence: 0.686739364444444

00:36:04.953 --> 00:36:06.880 in this way if you change your mind.  
NOTE Confidence: 0.6867393644444444

00:36:06.880 --> 00:36:08.959 If you decide you don't want to do this,  
NOTE Confidence: 0.6867393644444444

00:36:08.960 --> 00:36:10.048 you can.  
NOTE Confidence: 0.6867393644444444

00:36:10.048 --> 00:36:12.672 It's your data and Hugo, not Hugo,  
NOTE Confidence: 0.6867393644444444

00:36:12.672 --> 00:36:13.912 does not own your data.  
NOTE Confidence: 0.6867393644444444

00:36:13.920 --> 00:36:14.948 You own your data.  
NOTE Confidence: 0.6867393644444444

00:36:14.948 --> 00:36:16.760 And we're trying to create the the,  
NOTE Confidence: 0.6867393644444444

00:36:16.760 --> 00:36:17.404 the environment,  
NOTE Confidence: 0.6867393644444444

00:36:17.404 --> 00:36:19.336 the ecosystem where you can put  
NOTE Confidence: 0.6867393644444444

00:36:19.336 --> 00:36:20.480 your data to work.  
NOTE Confidence: 0.6867393644444444

00:36:20.480 --> 00:36:22.576 But we're also going to fight like heck  
NOTE Confidence: 0.6867393644444444

00:36:22.576 --> 00:36:24.444 to protect your data and protect your  
NOTE Confidence: 0.6867393644444444

00:36:24.444 --> 00:36:26.520 rights and help you to get your data.  
NOTE Confidence: 0.6867393644444444

00:36:26.520 --> 00:36:26.936 Again,  
NOTE Confidence: 0.6867393644444444

00:36:26.936 --> 00:36:29.848 it comes in the way we conceptualize  
NOTE Confidence: 0.6867393644444444

00:36:29.848 --> 00:36:32.370 and it's like we say B to C to

NOTE Confidence: 0.686739364444444  
00:36:32.370 --> 00:36:34.465 R it's like from the businesses  
NOTE Confidence: 0.686739364444444  
00:36:34.465 --> 00:36:36.330 or organizations that hold your  
NOTE Confidence: 0.686739364444444  
00:36:36.399 --> 00:36:38.359 data to C to the consumer to you  
NOTE Confidence: 0.686739364444444  
00:36:38.360 --> 00:36:40.124 and then you're permission to go  
NOTE Confidence: 0.686739364444444  
00:36:40.124 --> 00:36:42.478 use it for R for the research.  
NOTE Confidence: 0.686739364444444  
00:36:42.480 --> 00:36:44.502 And then when it sits within  
NOTE Confidence: 0.686739364444444  
00:36:44.502 --> 00:36:45.513 the Hugo community,  
NOTE Confidence: 0.686739364444444  
00:36:45.520 --> 00:36:47.236 we're not doing any funny business  
NOTE Confidence: 0.686739364444444  
00:36:47.236 --> 00:36:48.640 or have anything like hey,  
NOTE Confidence: 0.686739364444444  
00:36:48.640 --> 00:36:49.760 because you're on this platform,  
NOTE Confidence: 0.686739364444444  
00:36:49.760 --> 00:36:52.080 we can de identify and move it around.  
NOTE Confidence: 0.686739364444444  
00:36:52.080 --> 00:36:52.586 It's yours.  
NOTE Confidence: 0.686739364444444  
00:36:52.586 --> 00:36:54.104 And So what we're working on  
NOTE Confidence: 0.686739364444444  
00:36:54.104 --> 00:36:55.960 is a permission based system  
NOTE Confidence: 0.833304741034483  
00:36:58.320 --> 00:37:00.028 in a sense of community together and  
NOTE Confidence: 0.833304741034483

00:37:00.028 --> 00:37:01.924 trying to use the platform for the  
NOTE Confidence: 0.833304741034483

00:37:01.924 --> 00:37:03.863 purposes of trying to empower people to  
NOTE Confidence: 0.833304741034483

00:37:03.863 --> 00:37:05.599 be able to do things with their data.  
NOTE Confidence: 0.833304741034483

00:37:05.600 --> 00:37:07.634 There has to be a business model with Hugo.  
NOTE Confidence: 0.833304741034483

00:37:07.640 --> 00:37:09.040 I mean we want it to be sustainable.  
NOTE Confidence: 0.833304741034483

00:37:09.040 --> 00:37:11.356 So in the transactions and partnerships,  
NOTE Confidence: 0.833304741034483

00:37:11.360 --> 00:37:13.600 we're trying to make it so that there's  
NOTE Confidence: 0.833304741034483

00:37:13.600 --> 00:37:15.800 enough revenue generated to be able to  
NOTE Confidence: 0.833304741034483

00:37:15.800 --> 00:37:17.759 help support the platform to do this.  
NOTE Confidence: 0.833304741034483

00:37:17.760 --> 00:37:19.671 But what we won't do is compromise  
NOTE Confidence: 0.833304741034483

00:37:19.671 --> 00:37:22.301 on the idea that it's your data or do  
NOTE Confidence: 0.833304741034483

00:37:22.301 --> 00:37:24.473 anything with your data in order to  
NOTE Confidence: 0.833304741034483

00:37:24.473 --> 00:37:26.678 generate revenue that's not in the model.  
NOTE Confidence: 0.833304741034483

00:37:26.680 --> 00:37:28.510 The model is working in partnership  
NOTE Confidence: 0.833304741034483

00:37:28.510 --> 00:37:30.600 with you for things that that you  
NOTE Confidence: 0.85089499125

00:37:33.760 --> 00:37:35.200 if you want to be part of listen,

NOTE Confidence: 0.85089499125

00:37:35.200 --> 00:37:35.560 that's great.

NOTE Confidence: 0.85089499125

00:37:35.560 --> 00:37:37.000 We want you to be part of listening.

NOTE Confidence: 0.85089499125

00:37:37.000 --> 00:37:38.056 That data then can be shared

NOTE Confidence: 0.85089499125

00:37:38.056 --> 00:37:38.760 with the listening study.

NOTE Confidence: 0.85089499125

00:37:38.760 --> 00:37:39.957 I wear two hats in that way.

NOTE Confidence: 0.85089499125

00:37:39.960 --> 00:37:41.256 I'm on I'm on the Hugo side to

NOTE Confidence: 0.85089499125

00:37:41.256 --> 00:37:42.679 try to help build the platform.

NOTE Confidence: 0.85089499125

00:37:42.680 --> 00:37:44.990 I'm working with the Kiko on the

NOTE Confidence: 0.85089499125

00:37:44.990 --> 00:37:46.640 listening side to try to help

NOTE Confidence: 0.85089499125

00:37:46.640 --> 00:37:49.760 learn something with you about

NOTE Confidence: 0.85089499125

00:37:49.760 --> 00:37:51.340 the conditions that you guys

NOTE Confidence: 0.85089499125

00:37:51.340 --> 00:37:52.920 are facing and are challenging.

NOTE Confidence: 0.85089499125

00:37:52.920 --> 00:37:54.702 And and our intent purpose is

NOTE Confidence: 0.85089499125

00:37:54.702 --> 00:37:56.803 to move as fast as we can learn

NOTE Confidence: 0.85089499125

00:37:56.803 --> 00:37:58.747 from you and to try to make this

NOTE Confidence: 0.85089499125

00:37:58.747 --> 00:38:00.770 into something meaningful for the  
NOTE Confidence: 0.85089499125

00:38:00.770 --> 00:38:02.264 community not just our community  
NOTE Confidence: 0.85089499125

00:38:02.264 --> 00:38:03.594 but the world community who  
NOTE Confidence: 0.85089499125

00:38:03.594 --> 00:38:05.238 are facing the same challenges.  
NOTE Confidence: 0.85089499125

00:38:05.240 --> 00:38:06.904 But but I wanted to just say that  
NOTE Confidence: 0.85089499125

00:38:06.904 --> 00:38:08.529 because from time to time I see I  
NOTE Confidence: 0.85089499125

00:38:08.529 --> 00:38:09.991 see someone raise that issue and we  
NOTE Confidence: 0.85089499125

00:38:09.991 --> 00:38:11.475 just want to say it really clearly  
NOTE Confidence: 0.85089499125

00:38:11.480 --> 00:38:14.080 and loudly that the data is always yours.  
NOTE Confidence: 0.85089499125

00:38:14.080 --> 00:38:15.774 And we're trying to everything is is  
NOTE Confidence: 0.85089499125

00:38:15.774 --> 00:38:17.750 going to be based on permissions and  
NOTE Confidence: 0.85089499125

00:38:17.750 --> 00:38:19.080 that's just the way we'll we'll work.  
NOTE Confidence: 0.947380863636364

00:38:23.520 --> 00:38:24.570 And there was one exciting  
NOTE Confidence: 0.947380863636364

00:38:24.570 --> 00:38:25.880 piece that I wanted to show.  
NOTE Confidence: 0.947380863636364

00:38:25.880 --> 00:38:28.680 If you don't if you don't mind  
NOTE Confidence: 0.947380863636364

00:38:28.680 --> 00:38:30.185 there was one more thing that is

NOTE Confidence: 0.947380863636364  
00:38:30.185 --> 00:38:31.838 in the works that is coming very,  
NOTE Confidence: 0.947380863636364  
00:38:31.840 --> 00:38:33.568 very soon and hopefully  
NOTE Confidence: 0.947380863636364  
00:38:33.568 --> 00:38:36.160 you can see my screen here.  
NOTE Confidence: 0.947380863636364  
00:38:36.160 --> 00:38:39.208 Give me one second. All right.  
NOTE Confidence: 0.947380863636364  
00:38:39.208 --> 00:38:42.596 So with the Hugo connect feature here  
NOTE Confidence: 0.947380863636364  
00:38:42.600 --> 00:38:44.595 what we're going to have coming soon  
NOTE Confidence: 0.947380863636364  
00:38:44.595 --> 00:38:46.800 is the ability to upload your records.  
NOTE Confidence: 0.947380863636364  
00:38:46.800 --> 00:38:49.496 So let me just move this bar real  
NOTE Confidence: 0.947380863636364  
00:38:49.496 --> 00:38:51.334 quick so you're going to be able  
NOTE Confidence: 0.947380863636364  
00:38:51.334 --> 00:38:52.999 these are the mock ups for it.  
NOTE Confidence: 0.947380863636364  
00:38:53.000 --> 00:38:54.392 So you're going to be able  
NOTE Confidence: 0.947380863636364  
00:38:54.392 --> 00:38:55.800 to have an upload feature.  
NOTE Confidence: 0.947380863636364  
00:38:55.800 --> 00:38:58.358 So if you can't find your your provider  
NOTE Confidence: 0.947380863636364  
00:38:58.358 --> 00:38:59.912 or if you just received something  
NOTE Confidence: 0.947380863636364  
00:38:59.912 --> 00:39:01.519 from the doctor or if you have  
NOTE Confidence: 0.947380863636364

00:39:01.519 --> 00:39:03.206 notes that are you know no longer in  
NOTE Confidence: 0.947380863636364

00:39:03.206 --> 00:39:04.946 your in your file or what have you,  
NOTE Confidence: 0.947380863636364

00:39:04.946 --> 00:39:06.676 whatever you'd like to send  
NOTE Confidence: 0.947380863636364

00:39:06.680 --> 00:39:07.800 to be a part of your record,  
NOTE Confidence: 0.947380863636364

00:39:07.800 --> 00:39:09.600 we can upload that file.  
NOTE Confidence: 0.947380863636364

00:39:09.600 --> 00:39:12.280 So it would be as simple as finding  
NOTE Confidence: 0.947380863636364

00:39:12.280 --> 00:39:14.952 this within Hugo Connect and then  
NOTE Confidence: 0.947380863636364

00:39:14.952 --> 00:39:17.040 just simply uploading and then  
NOTE Confidence: 0.947380863636364

00:39:17.040 --> 00:39:18.480 adding a name to the file.  
NOTE Confidence: 0.947380863636364

00:39:18.480 --> 00:39:19.776 We're going to have some categories  
NOTE Confidence: 0.947380863636364

00:39:19.776 --> 00:39:21.240 of what type of file this is,  
NOTE Confidence: 0.947380863636364

00:39:21.240 --> 00:39:23.039 whether this is an X-ray or your  
NOTE Confidence: 0.947380863636364

00:39:23.039 --> 00:39:24.282 medical records, immunization records,  
NOTE Confidence: 0.947380863636364

00:39:24.282 --> 00:39:26.448 etcetera and then you'll be able  
NOTE Confidence: 0.947380863636364

00:39:26.448 --> 00:39:28.520 to date the form and continue.  
NOTE Confidence: 0.947380863636364

00:39:28.520 --> 00:39:30.690 So I think that's another way to

NOTE Confidence: 0.947380863636364  
00:39:30.690 --> 00:39:32.901 really try to get your documents  
NOTE Confidence: 0.947380863636364  
00:39:32.901 --> 00:39:35.180 and your information to to us to  
NOTE Confidence: 0.947380863636364  
00:39:35.180 --> 00:39:36.720 be able to use that for research.  
NOTE Confidence: 0.947380863636364  
00:39:36.720 --> 00:39:38.232 So I thought that was exciting  
NOTE Confidence: 0.947380863636364  
00:39:38.232 --> 00:39:40.315 way to kind of bypass not finding  
NOTE Confidence: 0.947380863636364  
00:39:40.315 --> 00:39:42.000 that provider at that moment.  
NOTE Confidence: 0.947380863636364  
00:39:42.000 --> 00:39:46.026 You can upload documentation as well and  
NOTE Confidence: 0.947380863636364  
00:39:46.026 --> 00:39:48.154 that's the that's what I had to share.  
NOTE Confidence: 0.8923094208333333  
00:39:53.560 --> 00:39:54.826 Thank you, Tanya.  
NOTE Confidence: 0.8923094208333333  
00:39:54.826 --> 00:39:57.780 So I believe everybody was able to  
NOTE Confidence: 0.8923094208333333  
00:39:57.861 --> 00:40:01.071 get some answers to your questions  
NOTE Confidence: 0.8923094208333333  
00:40:01.071 --> 00:40:03.664 regarding connection of records and  
NOTE Confidence: 0.8923094208333333  
00:40:03.664 --> 00:40:05.996 also about how we protect the data  
NOTE Confidence: 0.8923094208333333  
00:40:05.996 --> 00:40:08.280 and it's your data that remains there.  
NOTE Confidence: 0.8923094208333333  
00:40:08.280 --> 00:40:11.925 I think next we will move on to listen  
NOTE Confidence: 0.8923094208333333

00:40:11.925 --> 00:40:15.496 to Say Sir and his conversation about  
NOTE Confidence: 0.892309420833333

00:40:15.496 --> 00:40:19.060 more diversity in the population that  
NOTE Confidence: 0.892309420833333

00:40:19.153 --> 00:40:22.673 we have or the community that we have.  
NOTE Confidence: 0.892309420833333

00:40:22.680 --> 00:40:24.342 And many other aspects which are  
NOTE Confidence: 0.892309420833333

00:40:24.342 --> 00:40:25.800 also important for this study.  
NOTE Confidence: 0.892309420833333

00:40:25.800 --> 00:40:27.200 So say, Sir, it's over to you.  
NOTE Confidence: 0.73251892

00:40:29.000 --> 00:40:30.400 Thank you, Hornali. Hi, everyone.  
NOTE Confidence: 0.73251892

00:40:30.400 --> 00:40:31.520 My name is Ezra Caravaggio.  
NOTE Confidence: 0.73251892

00:40:31.520 --> 00:40:33.475 I'm one of the research  
NOTE Confidence: 0.73251892

00:40:33.475 --> 00:40:35.039 coordinators of the study.  
NOTE Confidence: 0.73251892

00:40:35.040 --> 00:40:36.582 And I wanted to speak with  
NOTE Confidence: 0.73251892

00:40:36.582 --> 00:40:38.740 you on a couple of things.  
NOTE Confidence: 0.73251892

00:40:38.740 --> 00:40:40.120 First, regarding diversity.  
NOTE Confidence: 0.73251892

00:40:40.120 --> 00:40:42.665 And we want to make sure that our  
NOTE Confidence: 0.73251892

00:40:42.665 --> 00:40:45.695 group of participants is as diverse  
NOTE Confidence: 0.73251892

00:40:45.695 --> 00:40:48.158 as possible because we want to

NOTE Confidence: 0.73251892

00:40:48.160 --> 00:40:50.658 be sure that we're capturing the

NOTE Confidence: 0.73251892

00:40:50.658 --> 00:40:53.166 experience of everyone or that most

NOTE Confidence: 0.73251892

00:40:53.166 --> 00:40:56.266 people are are experiencing in in the

NOTE Confidence: 0.73251892

00:40:56.266 --> 00:40:58.912 United States or whatever you are.

NOTE Confidence: 0.73251892

00:40:58.920 --> 00:41:01.531 So we are making efforts to improve

NOTE Confidence: 0.73251892

00:41:01.531 --> 00:41:04.217 the diversity of our participants and

NOTE Confidence: 0.73251892

00:41:04.217 --> 00:41:07.317 we I wanted to ask you if you have

NOTE Confidence: 0.73251892

00:41:07.317 --> 00:41:10.760 any ideas on what can we do better to

NOTE Confidence: 0.73251892

00:41:10.760 --> 00:41:13.070 improve the engagement of communities

NOTE Confidence: 0.73251892

00:41:13.070 --> 00:41:15.380 that have typically being under

NOTE Confidence: 0.73251892

00:41:15.453 --> 00:41:17.798 represented in in clinical studies.

NOTE Confidence: 0.73251892

00:41:17.800 --> 00:41:20.216 And we're open to it and we're open

NOTE Confidence: 0.73251892

00:41:20.216 --> 00:41:22.333 to feedback if there is something

NOTE Confidence: 0.73251892

00:41:22.333 --> 00:41:24.493 that AUS participant feel that may

NOTE Confidence: 0.73251892

00:41:24.565 --> 00:41:26.546 be a barrier for other people to

NOTE Confidence: 0.73251892

00:41:26.546 --> 00:41:29.096 to join the study where we welcome

NOTE Confidence: 0.73251892

00:41:29.096 --> 00:41:31.640 every comment that you may have.

NOTE Confidence: 0.73251892

00:41:31.640 --> 00:41:34.192 We want to have a rich and diverse

NOTE Confidence: 0.73251892

00:41:34.192 --> 00:41:35.760 population of participants.

NOTE Confidence: 0.73251892

00:41:35.760 --> 00:41:39.868 And so the idea behind that is that

NOTE Confidence: 0.73251892

00:41:39.868 --> 00:41:41.950 we can produce information that

NOTE Confidence: 0.73251892

00:41:41.950 --> 00:41:44.200 everyone can apply to themselves.

NOTE Confidence: 0.73251892

00:41:44.200 --> 00:41:46.360 So yeah, that's one point.

NOTE Confidence: 0.73251892

00:41:46.360 --> 00:41:49.576 If you have any ideas and

NOTE Confidence: 0.73251892

00:41:49.576 --> 00:41:51.720 feedback regarding our efforts,

NOTE Confidence: 0.73251892

00:41:51.720 --> 00:41:53.676 they are very much well received.

NOTE Confidence: 0.73251892

00:41:53.680 --> 00:41:55.090 The second point that I wanted

NOTE Confidence: 0.73251892

00:41:55.090 --> 00:41:56.958 to ask you as participants is

NOTE Confidence: 0.73251892

00:41:56.958 --> 00:41:59.274 that in some of the surveys,

NOTE Confidence: 0.73251892

00:41:59.280 --> 00:42:01.765 particularly in the symptoms surveys

NOTE Confidence: 0.73251892

00:42:01.765 --> 00:42:03.804 or in the diagnosis surveys,

NOTE Confidence: 0.73251892

00:42:03.804 --> 00:42:06.683 we found that a lot of you are

NOTE Confidence: 0.73251892

00:42:06.683 --> 00:42:08.518 clicking none of the above,

NOTE Confidence: 0.73251892

00:42:08.520 --> 00:42:10.926 meaning that of delays of symptoms

NOTE Confidence: 0.73251892

00:42:10.926 --> 00:42:13.160 or diagnosis that we're listing.

NOTE Confidence: 0.73251892

00:42:13.160 --> 00:42:15.260 You are not identifying the

NOTE Confidence: 0.73251892

00:42:15.260 --> 00:42:17.360 ones that you are experiencing.

NOTE Confidence: 0.73251892

00:42:17.360 --> 00:42:19.397 So I wanted to ask you too,

NOTE Confidence: 0.73251892

00:42:19.400 --> 00:42:23.656 if you think that we are keeping out

NOTE Confidence: 0.73251892

00:42:23.656 --> 00:42:26.760 some of some key aspects of your experience,

NOTE Confidence: 0.73251892

00:42:26.760 --> 00:42:27.672 please let us know.

NOTE Confidence: 0.73251892

00:42:27.672 --> 00:42:29.740 You can type in the chat or you can

NOTE Confidence: 0.73251892

00:42:29.740 --> 00:42:31.912 e-mail us to Yale. Listen, study.

NOTE Confidence: 0.73251892

00:42:31.912 --> 00:42:32.568 Sorry.

NOTE Confidence: 0.73251892

00:42:32.568 --> 00:42:33.224 Yeah,

NOTE Confidence: 0.73251892

00:42:33.224 --> 00:42:33.880 listen,

NOTE Confidence: 0.73251892

00:42:33.880 --> 00:42:36.364 study at yale.edu and we'll be  
NOTE Confidence: 0.73251892

00:42:36.364 --> 00:42:39.170 happy to modify what we're doing  
NOTE Confidence: 0.73251892

00:42:39.170 --> 00:42:41.835 to better capture your experience.  
NOTE Confidence: 0.73251892

00:42:41.840 --> 00:42:44.459 I will type in the e-mail in the chat  
NOTE Confidence: 0.73251892

00:42:44.459 --> 00:42:46.712 so you can have it and that's it.  
NOTE Confidence: 0.73251892

00:42:46.712 --> 00:42:47.240 Thank you.  
NOTE Confidence: 0.915157702

00:42:50.720 --> 00:42:52.272 I think now we can. Yeah,  
NOTE Confidence: 0.915157702

00:42:52.272 --> 00:42:53.320 we're not. Go ahead. Sorry,  
NOTE Confidence: 0.7925773125

00:42:54.040 --> 00:42:56.680 no. Say Sir, are we taking questions now?  
NOTE Confidence: 0.7925773125

00:42:56.680 --> 00:42:59.400 Leave it to you. Yeah, I'm. We'll  
NOTE Confidence: 0.833927165

00:42:59.400 --> 00:43:03.262 be more than happy we start answering  
NOTE Confidence: 0.833927165

00:43:03.262 --> 00:43:05.314 some questions that people may have.  
NOTE Confidence: 0.833927165

00:43:05.320 --> 00:43:07.292 We can go over the ones that are  
NOTE Confidence: 0.833927165

00:43:07.292 --> 00:43:10.497 still open or if you have any at  
NOTE Confidence: 0.833927165

00:43:10.497 --> 00:43:12.120 this point please feel free to  
NOTE Confidence: 0.858868897692308

00:43:12.160 --> 00:43:15.103 talk with. So what I have is a list

NOTE Confidence: 0.858868897692308  
00:43:15.103 --> 00:43:18.617 of 10 and we can have a few more maybe  
NOTE Confidence: 0.858868897692308  
00:43:18.617 --> 00:43:21.635 from the list which are still open.  
NOTE Confidence: 0.858868897692308  
00:43:21.640 --> 00:43:24.420 I believe Akiko and Harlan are both  
NOTE Confidence: 0.858868897692308  
00:43:24.420 --> 00:43:26.984 here and we can start. Yeah, perfect.  
NOTE Confidence: 0.858868897692308  
00:43:26.984 --> 00:43:29.588 We can start with a few questions  
NOTE Confidence: 0.858868897692308  
00:43:29.588 --> 00:43:32.012 and then say Sir, you can add a  
NOTE Confidence: 0.858868897692308  
00:43:32.012 --> 00:43:34.279 few more from the open questions.  
NOTE Confidence: 0.5935886  
00:43:36.720 --> 00:43:38.050 So I'll start with the 10  
NOTE Confidence: 0.5935886  
00:43:38.050 --> 00:43:39.520 that I have on my list.  
NOTE Confidence: 0.5935886  
00:43:39.520 --> 00:43:41.320 Akiko, there are a few for  
NOTE Confidence: 0.5935886  
00:43:41.320 --> 00:43:43.360 you which I will start with.  
NOTE Confidence: 0.5935886  
00:43:43.360 --> 00:43:46.760 So the first question that we have here,  
NOTE Confidence: 0.5935886  
00:43:46.760 --> 00:43:49.052 will there be any efforts towards  
NOTE Confidence: 0.5935886  
00:43:49.052 --> 00:43:50.198 correlating immune features  
NOTE Confidence: 0.5935886  
00:43:50.198 --> 00:43:51.810 with symptoms, example,  
NOTE Confidence: 0.5935886

00:43:51.810 --> 00:43:53.760 distinguishing patients presenting

NOTE Confidence: 0.5935886

00:43:53.760 --> 00:43:56.360 with dysautonomia versus not?

NOTE Confidence: 0.932097037894737

00:43:57.760 --> 00:43:58.494 Yes, absolutely.

NOTE Confidence: 0.932097037894737

00:43:58.494 --> 00:44:00.329 That is our ultimate goal

NOTE Confidence: 0.932097037894737

00:44:00.329 --> 00:44:03.076 is to be able to link the

NOTE Confidence: 0.932097037894737

00:44:03.076 --> 00:44:05.036 symptoms to the immune features.

NOTE Confidence: 0.932097037894737

00:44:05.040 --> 00:44:07.038 We've already started to do some

NOTE Confidence: 0.932097037894737

00:44:07.038 --> 00:44:09.216 of that with the Mylon COVID

NOTE Confidence: 0.932097037894737

00:44:09.216 --> 00:44:11.156 study and found for instance

NOTE Confidence: 0.932097037894737

00:44:11.160 --> 00:44:14.616 select number of people who have

NOTE Confidence: 0.932097037894737

00:44:14.616 --> 00:44:16.920 autoimmune auto antibodies to

NOTE Confidence: 0.932097037894737

00:44:16.920 --> 00:44:19.866 certain type of G protein couple

NOTE Confidence: 0.932097037894737

00:44:19.866 --> 00:44:21.976 receptors and sodium ion channels

NOTE Confidence: 0.932097037894737

00:44:21.976 --> 00:44:23.996 were associated with the tinnitus.

NOTE Confidence: 0.932097037894737

00:44:24.000 --> 00:44:26.121 So there is some sort of features

NOTE Confidence: 0.932097037894737

00:44:26.121 --> 00:44:28.237 that are coming up to be

NOTE Confidence: 0.932097037894737  
00:44:28.237 --> 00:44:29.757 associated with specific symptoms,  
NOTE Confidence: 0.932097037894737  
00:44:29.760 --> 00:44:31.929 but we also want to do the reverse as  
NOTE Confidence: 0.932097037894737  
00:44:31.929 --> 00:44:34.478 the question the questioner is suggesting,  
NOTE Confidence: 0.932097037894737  
00:44:34.480 --> 00:44:37.497 which is to take a particular symptom  
NOTE Confidence: 0.932097037894737  
00:44:37.497 --> 00:44:40.176 or syndrome and then go back and look  
NOTE Confidence: 0.932097037894737  
00:44:40.176 --> 00:44:42.034 at the immune features to see if  
NOTE Confidence: 0.932097037894737  
00:44:42.034 --> 00:44:44.038 there's anything unique that's coming up.  
NOTE Confidence: 0.932097037894737  
00:44:44.040 --> 00:44:47.480 So that's ultimately the goal.  
NOTE Confidence: 0.932097037894737  
00:44:47.480 --> 00:44:47.720 Thank  
NOTE Confidence: 0.921770014285714  
00:44:47.720 --> 00:44:50.666 you, Akiko. So the next question  
NOTE Confidence: 0.921770014285714  
00:44:50.666 --> 00:44:52.996 is can you speak to whether in  
NOTE Confidence: 0.921770014285714  
00:44:52.996 --> 00:44:54.590 the initial findings you have  
NOTE Confidence: 0.921770014285714  
00:44:54.590 --> 00:44:56.456 seen this Autonomia in many long  
NOTE Confidence: 0.921770014285714  
00:44:56.456 --> 00:44:58.280 COVID and backs injured folks.  
NOTE Confidence: 0.921770014285714  
00:44:58.280 --> 00:44:59.440 It seems to be common.  
NOTE Confidence: 0.725577184

00:45:00.880 --> 00:45:03.760 Yes, dysautonomia is definitely happening.

NOTE Confidence: 0.725577184

00:45:03.760 --> 00:45:06.124 I mean we haven't studied the

NOTE Confidence: 0.725577184

00:45:06.124 --> 00:45:07.810 vaccine injured people yet,

NOTE Confidence: 0.725577184

00:45:07.810 --> 00:45:10.390 but we are hoping to do

NOTE Confidence: 0.725577184

00:45:10.390 --> 00:45:12.877 that with the lesson study.

NOTE Confidence: 0.725577184

00:45:12.880 --> 00:45:14.875 But certainly with the myeloma and COVID,

NOTE Confidence: 0.725577184

00:45:14.880 --> 00:45:17.635 there are people with dysautonomia

NOTE Confidence: 0.725577184

00:45:17.635 --> 00:45:19.839 and Doctor David Petrino,

NOTE Confidence: 0.725577184

00:45:19.840 --> 00:45:22.640 who really specializes in diagnosis

NOTE Confidence: 0.725577184

00:45:22.640 --> 00:45:25.440 and treatment of various symptoms,

NOTE Confidence: 0.725577184

00:45:25.440 --> 00:45:27.680 including dysautonomia,

NOTE Confidence: 0.725577184

00:45:27.680 --> 00:45:29.080 is our partner in this.

NOTE Confidence: 0.725577184

00:45:29.080 --> 00:45:32.034 So he's also a partner in the

NOTE Confidence: 0.725577184

00:45:32.034 --> 00:45:33.200 Yale lesson study as well.

NOTE Confidence: 0.725577184

00:45:33.200 --> 00:45:35.025 So we're very excited and

NOTE Confidence: 0.725577184

00:45:35.025 --> 00:45:37.210 fortunate to have an expert like

NOTE Confidence: 0.725577184

00:45:37.210 --> 00:45:39.474 him on board to help us with it.

NOTE Confidence: 0.767153618571428

00:45:41.480 --> 00:45:44.357 Yeah. And I'll just say quickly that

NOTE Confidence: 0.767153618571428

00:45:44.360 --> 00:45:47.640 just as Akiko said that the hope is to be

NOTE Confidence: 0.767153618571428

00:45:47.720 --> 00:45:49.996 able to provide a almost like an Atlas,

NOTE Confidence: 0.767153618571428

00:45:50.000 --> 00:45:52.086 a map of the different kinds of

NOTE Confidence: 0.767153618571428

00:45:52.086 --> 00:45:53.600 manifestations that people are facing.

NOTE Confidence: 0.767153618571428

00:45:53.600 --> 00:45:54.686 See who's similar,

NOTE Confidence: 0.767153618571428

00:45:54.686 --> 00:45:56.858 who's different and then see whether

NOTE Confidence: 0.767153618571428

00:45:56.858 --> 00:45:59.520 or not we can reflect this in the immune,

NOTE Confidence: 0.767153618571428

00:45:59.520 --> 00:46:01.320 what we're calling immune signatures,

NOTE Confidence: 0.767153618571428

00:46:01.320 --> 00:46:04.942 the the unique ways that that the immune

NOTE Confidence: 0.767153618571428

00:46:04.942 --> 00:46:07.565 system seems to be signaling us around the

NOTE Confidence: 0.767153618571428

00:46:07.565 --> 00:46:09.755 different features of the immune system.

NOTE Confidence: 0.767153618571428

00:46:09.760 --> 00:46:11.278 And so just what you're asking

NOTE Confidence: 0.767153618571428

00:46:11.278 --> 00:46:12.680 is exactly what we're hoping.

NOTE Confidence: 0.767153618571428

00:46:12.680 --> 00:46:14.962 Can we get large numbers of people  
NOTE Confidence: 0.767153618571428

00:46:14.962 --> 00:46:17.144 with similar clusters of symptoms and  
NOTE Confidence: 0.767153618571428

00:46:17.144 --> 00:46:19.418 then see whether they have distinctive  
NOTE Confidence: 0.767153618571428

00:46:19.418 --> 00:46:21.612 biological signals which can serve  
NOTE Confidence: 0.767153618571428

00:46:21.612 --> 00:46:23.877 both for diagnostics and therapeutics,  
NOTE Confidence: 0.767153618571428

00:46:23.880 --> 00:46:26.360 help us be able to identify and monitor  
NOTE Confidence: 0.767153618571428

00:46:26.360 --> 00:46:28.292 and then ultimately find targets  
NOTE Confidence: 0.767153618571428

00:46:28.292 --> 00:46:30.360 to treat for each of these people?  
NOTE Confidence: 0.767153618571428

00:46:30.360 --> 00:46:32.236 Because I think both of us, Akiko,  
NOTE Confidence: 0.767153618571428

00:46:32.236 --> 00:46:34.132 believe that that this is more  
NOTE Confidence: 0.767153618571428

00:46:34.132 --> 00:46:35.080 than one disease.  
NOTE Confidence: 0.767153618571428

00:46:35.080 --> 00:46:36.375 It's it's actually different people  
NOTE Confidence: 0.767153618571428

00:46:36.375 --> 00:46:38.005 are being affected in very different  
NOTE Confidence: 0.767153618571428

00:46:38.005 --> 00:46:39.733 ways and that's why they're manifesting  
NOTE Confidence: 0.767153618571428

00:46:39.733 --> 00:46:41.399 with very different symptom complexes.  
NOTE Confidence: 0.767153618571428

00:46:41.400 --> 00:46:44.000 And it's up to us to sort of find the clues,

NOTE Confidence: 0.767153618571428  
00:46:44.000 --> 00:46:45.179 crack the case,  
NOTE Confidence: 0.767153618571428  
00:46:45.179 --> 00:46:47.537 understand what it is that's causing  
NOTE Confidence: 0.767153618571428  
00:46:47.537 --> 00:46:49.797 this vast spectrum of symptoms.  
NOTE Confidence: 0.767153618571428  
00:46:49.800 --> 00:46:51.996 And for different clusters of people  
NOTE Confidence: 0.767153618571428  
00:46:51.996 --> 00:46:53.800 who are experiencing similar ones,  
NOTE Confidence: 0.767153618571428  
00:46:53.800 --> 00:46:55.880 can we find common mechanisms.  
NOTE Confidence: 0.767153618571428  
00:46:55.880 --> 00:46:57.476 And so that that's really the hope.  
NOTE Confidence: 0.767153618571428  
00:46:57.480 --> 00:46:59.265 And that's why we need large numbers  
NOTE Confidence: 0.767153618571428  
00:46:59.265 --> 00:47:00.599 of people because we want to.  
NOTE Confidence: 0.767153618571428  
00:47:00.600 --> 00:47:01.880 I I think of it like an Atlas.  
NOTE Confidence: 0.767153618571428  
00:47:01.880 --> 00:47:03.266 And it's almost like who lives  
NOTE Confidence: 0.767153618571428  
00:47:03.266 --> 00:47:03.959 in your neighborhood?  
NOTE Confidence: 0.767153618571428  
00:47:03.960 --> 00:47:05.710 This is an unfortunate neighborhood  
NOTE Confidence: 0.767153618571428  
00:47:05.710 --> 00:47:07.460 because everybody's afflicted by a  
NOTE Confidence: 0.767153618571428  
00:47:07.517 --> 00:47:09.317 sort of similar cluster of symptoms.  
NOTE Confidence: 0.767153618571428

00:47:09.320 --> 00:47:11.384 But if we can get large enough people  
NOTE Confidence: 0.767153618571428

00:47:11.384 --> 00:47:13.639 together as opposed to what's happening now,  
NOTE Confidence: 0.767153618571428

00:47:13.640 --> 00:47:14.492 or somebody goes to the doctor  
NOTE Confidence: 0.767153618571428

00:47:14.492 --> 00:47:14.918 and people say,  
NOTE Confidence: 0.767153618571428

00:47:14.920 --> 00:47:16.425 I've never seen this before or I  
NOTE Confidence: 0.767153618571428

00:47:16.425 --> 00:47:17.860 don't know what this is, you know,  
NOTE Confidence: 0.767153618571428

00:47:17.860 --> 00:47:19.000 that we start getting large numbers  
NOTE Confidence: 0.767153618571428

00:47:19.000 --> 00:47:20.472 of people who saying, like, yeah,  
NOTE Confidence: 0.767153618571428

00:47:20.472 --> 00:47:21.480 I'm not alone.  
NOTE Confidence: 0.767153618571428

00:47:21.480 --> 00:47:24.699 There are a lot of people like me there.  
NOTE Confidence: 0.767153618571428

00:47:24.699 --> 00:47:26.232 There are a lot of people like  
NOTE Confidence: 0.767153618571428

00:47:26.232 --> 00:47:27.239 me in the world.  
NOTE Confidence: 0.767153618571428

00:47:27.240 --> 00:47:29.333 And if we can start bringing those  
NOTE Confidence: 0.767153618571428

00:47:29.333 --> 00:47:31.022 people together and looking whether  
NOTE Confidence: 0.767153618571428

00:47:31.022 --> 00:47:33.010 they have similar biological signals  
NOTE Confidence: 0.767153618571428

00:47:33.010 --> 00:47:35.680 that that that help us understand

NOTE Confidence: 0.767153618571428

00:47:35.680 --> 00:47:38.501 mechanism and lead us to produce

NOTE Confidence: 0.767153618571428

00:47:38.501 --> 00:47:40.357 diagnostic and therapeutic advances,

NOTE Confidence: 0.767153618571428

00:47:40.360 --> 00:47:41.144 that would be wonderful.

NOTE Confidence: 0.767153618571428

00:47:41.144 --> 00:47:42.320 And that's the hope with this.

NOTE Confidence: 0.786412665454545

00:47:45.640 --> 00:47:47.113 Thank you. Harlan.

NOTE Confidence: 0.786412665454545

00:47:47.113 --> 00:47:48.586 There's another question

NOTE Confidence: 0.786412665454545

00:47:48.586 --> 00:47:51.280 which I will just present.

NOTE Confidence: 0.786412665454545

00:47:51.280 --> 00:47:54.166 So here is a person who's

NOTE Confidence: 0.786412665454545

00:47:54.166 --> 00:47:56.090 suffering from vaccine adverse

NOTE Confidence: 0.786412665454545

00:47:56.180 --> 00:47:58.132 events and this person is asking,

NOTE Confidence: 0.786412665454545

00:47:58.132 --> 00:47:59.770 will you be contacting us to

NOTE Confidence: 0.786412665454545

00:47:59.830 --> 00:48:01.545 participate in the biological sample

NOTE Confidence: 0.786412665454545

00:48:01.545 --> 00:48:03.799 collection or should we let you know?

NOTE Confidence: 0.786412665454545

00:48:03.800 --> 00:48:04.958 We are interested.

NOTE Confidence: 0.947246758

00:48:06.920 --> 00:48:09.440 Absolutely. So as I mentioned,

NOTE Confidence: 0.947246758

00:48:09.440 --> 00:48:12.240 we're very excited to expand our studies  
NOTE Confidence: 0.947246758

00:48:12.240 --> 00:48:18.200 to vaccine injured people and Bornelli,  
NOTE Confidence: 0.947246758

00:48:18.200 --> 00:48:21.736 Cesar Harlan and I meet every week to  
NOTE Confidence: 0.947246758

00:48:21.736 --> 00:48:24.328 discuss the type of participants that  
NOTE Confidence: 0.947246758

00:48:24.328 --> 00:48:27.318 we we would like to recruit first.  
NOTE Confidence: 0.947246758

00:48:27.320 --> 00:48:29.150 We don't have the resources  
NOTE Confidence: 0.947246758

00:48:29.150 --> 00:48:30.640 to recruit everybody.  
NOTE Confidence: 0.947246758

00:48:30.640 --> 00:48:33.280 We'd love to, but we don't have the kind  
NOTE Confidence: 0.947246758

00:48:33.280 --> 00:48:36.319 of resource needed to to analyze everybody.  
NOTE Confidence: 0.947246758

00:48:36.320 --> 00:48:38.920 But we will be starting with a small  
NOTE Confidence: 0.947246758

00:48:38.920 --> 00:48:41.315 subset of people and then expanding  
NOTE Confidence: 0.947246758

00:48:41.315 --> 00:48:44.164 that as we hopefully raise enough funds  
NOTE Confidence: 0.947246758

00:48:44.164 --> 00:48:47.240 to be able to look at immune features.  
NOTE Confidence: 0.947246758

00:48:47.240 --> 00:48:50.808 But definitely our first a set of vaccine  
NOTE Confidence: 0.947246758

00:48:50.808 --> 00:48:53.160 injured samples will be coming shortly,  
NOTE Confidence: 0.947246758

00:48:53.160 --> 00:48:55.360 right, Bornelli?

NOTE Confidence: 0.947246758

00:48:55.360 --> 00:48:56.119 OK, great. And

NOTE Confidence: 0.923421375294118

00:48:57.200 --> 00:48:58.610 and by the way, I think this is a really

NOTE Confidence: 0.923421375294118

00:48:58.646 --> 00:48:59.878 good idea that we could talk about,

NOTE Confidence: 0.923421375294118

00:48:59.880 --> 00:49:02.057 which is do people want to express

NOTE Confidence: 0.923421375294118

00:49:02.057 --> 00:49:04.410 interest in, in being part of the

NOTE Confidence: 0.923421375294118

00:49:04.410 --> 00:49:05.592 biological part of the study.

NOTE Confidence: 0.923421375294118

00:49:05.592 --> 00:49:07.552 Then we'll have a long list of people

NOTE Confidence: 0.923421375294118

00:49:07.552 --> 00:49:08.880 who've already expressed interest.

NOTE Confidence: 0.923421375294118

00:49:08.880 --> 00:49:10.280 Like Akiko said, we're by the way,

NOTE Confidence: 0.923421375294118

00:49:10.280 --> 00:49:12.044 we're constantly looking for resources to

NOTE Confidence: 0.923421375294118

00:49:12.044 --> 00:49:14.318 be able to expand and do more of these.

NOTE Confidence: 0.923421375294118

00:49:14.320 --> 00:49:16.260 But you know, I think it might be a good

NOTE Confidence: 0.923421375294118

00:49:16.318 --> 00:49:18.150 idea based on this comment to think that

NOTE Confidence: 0.923421375294118

00:49:18.150 --> 00:49:20.205 we can create a waiting list of people

NOTE Confidence: 0.923421375294118

00:49:20.205 --> 00:49:22.224 who are interested in in that way.

NOTE Confidence: 0.923421375294118

00:49:22.224 --> 00:49:23.600 We know that, you know,  
NOTE Confidence: 0.923421375294118

00:49:23.600 --> 00:49:25.040 these are people who are really  
NOTE Confidence: 0.923421375294118

00:49:25.040 --> 00:49:26.600 eager to participate in this part.  
NOTE Confidence: 0.923421375294118

00:49:26.600 --> 00:49:27.956 So that's a really good comment.  
NOTE Confidence: 0.923421375294118

00:49:27.960 --> 00:49:28.400 Thank you.  
NOTE Confidence: 0.78663516875

00:49:30.520 --> 00:49:33.960 Yeah, it would be great Harlan if Kindred,  
NOTE Confidence: 0.78663516875

00:49:33.960 --> 00:49:36.480 I mean so they listen site can  
NOTE Confidence: 0.78663516875

00:49:36.480 --> 00:49:38.862 have some sort of marking to say  
NOTE Confidence: 0.78663516875

00:49:38.862 --> 00:49:40.986 that if people are interested in  
NOTE Confidence: 0.78663516875

00:49:40.986 --> 00:49:42.485 donating their blood and saliva,  
NOTE Confidence: 0.78663516875

00:49:42.485 --> 00:49:44.658 it would be easy for us to just  
NOTE Confidence: 0.78663516875

00:49:44.658 --> 00:49:46.933 sort of cross check that with the  
NOTE Confidence: 0.78663516875

00:49:46.933 --> 00:49:48.918 participants that we we want to recruit.  
NOTE Confidence: 0.78663516875

00:49:48.920 --> 00:49:50.700 So maybe it's it's something  
NOTE Confidence: 0.78663516875

00:49:50.700 --> 00:49:53.080 that you can work on for us.  
NOTE Confidence: 0.705714126

00:49:56.880 --> 00:49:58.720 Thank you Akipo and Harlan.

NOTE Confidence: 0.705714126

00:49:58.720 --> 00:50:01.436 The next question is about the recent

NOTE Confidence: 0.705714126

00:50:01.436 --> 00:50:03.882 MDPI article which has shown that

NOTE Confidence: 0.705714126

00:50:03.882 --> 00:50:05.892 persistent spike protein in brain

NOTE Confidence: 0.705714126

00:50:05.892 --> 00:50:08.642 and heart of a patient who died

NOTE Confidence: 0.705714126

00:50:08.642 --> 00:50:10.512 three weeks after third vaccine.

NOTE Confidence: 0.705714126

00:50:10.520 --> 00:50:12.386 How will you be assessing for

NOTE Confidence: 0.705714126

00:50:12.386 --> 00:50:14.012 persistent spike protein that may

NOTE Confidence: 0.705714126

00:50:14.012 --> 00:50:15.637 be triggering an immune response?

NOTE Confidence: 0.941225464

00:50:17.040 --> 00:50:19.920 Yeah, that's an excellent question.

NOTE Confidence: 0.941225464

00:50:19.920 --> 00:50:23.385 We'd love to do tissue level analysis

NOTE Confidence: 0.941225464

00:50:23.385 --> 00:50:25.420 but obviously taking biopsies from

NOTE Confidence: 0.941225464

00:50:25.420 --> 00:50:28.467 brain and lung and you know places that

NOTE Confidence: 0.941225464

00:50:28.467 --> 00:50:32.936 are difficult would not be possible

NOTE Confidence: 0.941225464

00:50:32.936 --> 00:50:35.337 possible we are you know so so the

NOTE Confidence: 0.941225464

00:50:35.337 --> 00:50:36.910 autopsy studies and other studies

NOTE Confidence: 0.941225464

00:50:36.910 --> 00:50:39.353 are are coming out where people are  
NOTE Confidence: 0.941225464

00:50:39.353 --> 00:50:41.466 starting to look at these issues but  
NOTE Confidence: 0.941225464

00:50:41.466 --> 00:50:43.416 even with the COVID samples this  
NOTE Confidence: 0.941225464

00:50:43.416 --> 00:50:46.272 is sort of been a difficult thing.  
NOTE Confidence: 0.941225464

00:50:46.280 --> 00:50:49.472 With the recover though they are having  
NOTE Confidence: 0.941225464

00:50:49.472 --> 00:50:53.099 a an entire sort of you know funding  
NOTE Confidence: 0.941225464

00:50:53.099 --> 00:50:56.177 for a collection of autopsy samples  
NOTE Confidence: 0.941225464

00:50:56.177 --> 00:50:59.756 from people who who've had long COVID.  
NOTE Confidence: 0.941225464

00:50:59.760 --> 00:51:02.160 I I I don't think they are including  
NOTE Confidence: 0.941225464

00:51:02.160 --> 00:51:04.037 vaccine injured people and not group.  
NOTE Confidence: 0.941225464

00:51:04.040 --> 00:51:08.198 But aside from having a tissue sample,  
NOTE Confidence: 0.941225464

00:51:08.200 --> 00:51:10.594 which is maybe difficult in some cases,  
NOTE Confidence: 0.941225464

00:51:10.600 --> 00:51:15.704 but there are some efforts to look at  
NOTE Confidence: 0.941225464

00:51:15.704 --> 00:51:18.434 circulating spike and circulating antigens  
NOTE Confidence: 0.941225464

00:51:18.434 --> 00:51:21.717 at least that's easier to collect.  
NOTE Confidence: 0.941225464

00:51:21.720 --> 00:51:24.920 And we are actively working on looking at

NOTE Confidence: 0.941225464

00:51:24.920 --> 00:51:27.282 circulating spike from people with long

NOTE Confidence: 0.941225464

00:51:27.282 --> 00:51:30.200 COVID and and people with vaccine injuries.

NOTE Confidence: 0.941225464

00:51:30.200 --> 00:51:32.531 So that's just a proxy for something

NOTE Confidence: 0.941225464

00:51:32.531 --> 00:51:34.999 that may be happening elsewhere,

NOTE Confidence: 0.941225464

00:51:35.000 --> 00:51:37.656 but that that's sort of what we are

NOTE Confidence: 0.941225464

00:51:37.656 --> 00:51:40.440 you know immediately planning to do.

NOTE Confidence: 0.941225464

00:51:40.440 --> 00:51:40.680 Thank

NOTE Confidence: 0.888132588888889

00:51:40.680 --> 00:51:43.182 you, Akiko. The next question is

NOTE Confidence: 0.888132588888889

00:51:43.182 --> 00:51:45.918 about a recent Swedish study found

NOTE Confidence: 0.888132588888889

00:51:45.918 --> 00:51:48.876 antibodies for latent viruses in saliva,

NOTE Confidence: 0.888132588888889

00:51:48.880 --> 00:51:51.238 but not always in the blood.

NOTE Confidence: 0.888132588888889

00:51:51.240 --> 00:51:52.745 The saliva be tested for

NOTE Confidence: 0.888132588888889

00:51:52.745 --> 00:51:54.250 reactivated viruses as well in

NOTE Confidence: 0.888132588888889

00:51:54.313 --> 00:51:55.957 case it's missed in the blood.

NOTE Confidence: 0.907133484615385

00:51:57.000 --> 00:51:59.520 Absolutely, and that's why we are including

NOTE Confidence: 0.907133484615385

00:51:59.520 --> 00:52:01.638 blood collection in the Listen study.  
NOTE Confidence: 0.907133484615385

00:52:01.640 --> 00:52:03.999 So with the Mylon COVID study with  
NOTE Confidence: 0.907133484615385

00:52:03.999 --> 00:52:06.510 Mount Sinai, we didn't have access to  
NOTE Confidence: 0.907133484615385

00:52:06.510 --> 00:52:09.319 the saliva and we really wish we did.  
NOTE Confidence: 0.907133484615385

00:52:09.320 --> 00:52:10.760 But in the Yale Listen study,  
NOTE Confidence: 0.907133484615385

00:52:10.760 --> 00:52:13.142 we will be asking participants to  
NOTE Confidence: 0.907133484615385

00:52:13.142 --> 00:52:15.427 to donate their saliva and blood  
NOTE Confidence: 0.907133484615385

00:52:15.427 --> 00:52:17.611 so we can look at both mucosal  
NOTE Confidence: 0.907133484615385

00:52:17.611 --> 00:52:19.838 and systemic immune responses.  
NOTE Confidence: 0.907133484615385

00:52:19.840 --> 00:52:22.024 And in fact we are planning to  
NOTE Confidence: 0.907133484615385

00:52:22.024 --> 00:52:24.678 look at viral genome as well as  
NOTE Confidence: 0.907133484615385

00:52:24.678 --> 00:52:26.733 antibody reactive to virus antigens  
NOTE Confidence: 0.907133484615385

00:52:26.733 --> 00:52:29.277 both in saliva and in circulation.  
NOTE Confidence: 0.776512685

00:52:31.520 --> 00:52:33.595 So the next question is  
NOTE Confidence: 0.776512685

00:52:33.595 --> 00:52:34.840 about auto antibodies.  
NOTE Confidence: 0.776512685

00:52:34.840 --> 00:52:37.390 So you have mentioned not seeing

NOTE Confidence: 0.776512685

00:52:37.390 --> 00:52:39.951 elevated GPCR auto antibodies in those

NOTE Confidence: 0.776512685

00:52:39.951 --> 00:52:42.315 of long haulers compared to controls.

NOTE Confidence: 0.776512685

00:52:42.320 --> 00:52:43.880 Can you comment on that please?

NOTE Confidence: 0.9566350425

00:52:45.600 --> 00:52:49.413 Right. So as I shared with you last time,

NOTE Confidence: 0.9566350425

00:52:49.413 --> 00:52:52.371 we are collaborating with Doctor Aaron

NOTE Confidence: 0.9566350425

00:52:52.371 --> 00:52:55.445 Ring's laboratory here at Yale who

NOTE Confidence: 0.9566350425

00:52:55.445 --> 00:52:57.980 developed a technology called rapid

NOTE Confidence: 0.9566350425

00:52:57.980 --> 00:53:00.398 extracellular antigen profiling or REAP.

NOTE Confidence: 0.9566350425

00:53:00.400 --> 00:53:04.260 And according to that analysis which

NOTE Confidence: 0.9566350425

00:53:04.260 --> 00:53:06.925 looks at over 6000 different antigens

NOTE Confidence: 0.9566350425

00:53:06.925 --> 00:53:09.595 that are expressed on the surface

NOTE Confidence: 0.9566350425

00:53:09.595 --> 00:53:12.319 or are secreted from human cells,

NOTE Confidence: 0.9566350425

00:53:12.320 --> 00:53:15.886 we do not see a consistent, first of all,

NOTE Confidence: 0.9566350425

00:53:15.886 --> 00:53:17.860 we don't see a public or universal

NOTE Confidence: 0.9566350425

00:53:17.922 --> 00:53:20.040 antigen that people are reacting to.

NOTE Confidence: 0.9566350425

00:53:20.040 --> 00:53:22.640 So it's not like you have a specific  
NOTE Confidence: 0.9566350425

00:53:22.640 --> 00:53:24.240 antigen that everyone is responding.  
NOTE Confidence: 0.9566350425

00:53:24.240 --> 00:53:26.200 That's definitely not the case.  
NOTE Confidence: 0.9566350425

00:53:26.200 --> 00:53:29.026 We also don't see elevated levels  
NOTE Confidence: 0.9566350425

00:53:29.026 --> 00:53:31.800 of auto antibodies against the  
NOTE Confidence: 0.9566350425

00:53:31.800 --> 00:53:35.788 6000 plus auto antigens in long  
NOTE Confidence: 0.9566350425

00:53:35.788 --> 00:53:38.958 COVID patients versus the controls.  
NOTE Confidence: 0.9566350425

00:53:38.960 --> 00:53:41.756 So there there's no unique pattern.  
NOTE Confidence: 0.9566350425

00:53:41.760 --> 00:53:44.445 There's no increase in auto  
NOTE Confidence: 0.9566350425

00:53:44.445 --> 00:53:46.593 antibody reactivity and intensity.  
NOTE Confidence: 0.9566350425

00:53:46.600 --> 00:53:49.408 There are of course you know  
NOTE Confidence: 0.9566350425

00:53:49.408 --> 00:53:50.704 various different auto antibodies  
NOTE Confidence: 0.9566350425

00:53:50.704 --> 00:53:52.400 that all of us carry.  
NOTE Confidence: 0.9566350425

00:53:52.400 --> 00:53:53.780 That doesn't mean that we  
NOTE Confidence: 0.9566350425

00:53:53.780 --> 00:53:55.160 are going to have disease.  
NOTE Confidence: 0.9566350425

00:53:55.160 --> 00:53:57.834 It's just something that B cells make,

NOTE Confidence: 0.9566350425

00:53:57.840 --> 00:54:00.176 but it's just sort of quiescent auto antibody

NOTE Confidence: 0.9566350425

00:54:00.176 --> 00:54:02.597 and that we are seeing in healthy control,

NOTE Confidence: 0.9566350425

00:54:02.600 --> 00:54:05.280 convalescent control and long COVID.

NOTE Confidence: 0.9566350425

00:54:05.280 --> 00:54:07.842 But that doesn't mean that there doesn't

NOTE Confidence: 0.9566350425

00:54:07.842 --> 00:54:09.697 exist auto antibody that actually

NOTE Confidence: 0.9566350425

00:54:09.697 --> 00:54:12.119 causes disease in a subset of people.

NOTE Confidence: 0.9566350425

00:54:12.120 --> 00:54:13.600 So I I already mentioned

NOTE Confidence: 0.9566350425

00:54:13.600 --> 00:54:15.080 about the sodium ion channel,

NOTE Confidence: 0.9566350425

00:54:15.080 --> 00:54:17.564 but there may be other auto

NOTE Confidence: 0.9566350425

00:54:17.564 --> 00:54:18.806 antibodies against intracellular

NOTE Confidence: 0.9566350425

00:54:18.806 --> 00:54:20.480 antigens or nuclear antigens,

NOTE Confidence: 0.9566350425

00:54:20.480 --> 00:54:23.539 who knows that could be causing disease

NOTE Confidence: 0.9566350425

00:54:23.539 --> 00:54:26.639 and that we're not dismissing those.

NOTE Confidence: 0.9566350425

00:54:26.640 --> 00:54:27.822 About the GPCR,

NOTE Confidence: 0.9566350425

00:54:27.822 --> 00:54:28.216 yeah,

NOTE Confidence: 0.9566350425

00:54:28.216 --> 00:54:30.991 there are many different ways of us  
NOTE Confidence: 0.9566350425

00:54:30.991 --> 00:54:32.914 saying although anybody has GPCRS  
NOTE Confidence: 0.9566350425

00:54:32.914 --> 00:54:35.536 and depending on the sensitivity and  
NOTE Confidence: 0.9566350425

00:54:35.536 --> 00:54:37.680 specificity and having the right  
NOTE Confidence: 0.9566350425

00:54:37.680 --> 00:54:40.074 kind of control groups to compare.  
NOTE Confidence: 0.9566350425

00:54:40.080 --> 00:54:42.480 That's what I was emphasizing last  
NOTE Confidence: 0.9566350425

00:54:42.480 --> 00:54:45.334 time and if anyone has studies that  
NOTE Confidence: 0.9566350425

00:54:45.334 --> 00:54:47.720 have included the proper controls,  
NOTE Confidence: 0.9566350425

00:54:47.720 --> 00:54:49.076 please do send it to me.  
NOTE Confidence: 0.9566350425

00:54:49.080 --> 00:54:50.560 I may have missed that,  
NOTE Confidence: 0.9566350425

00:54:50.560 --> 00:54:53.745 but so far I haven't seen great  
NOTE Confidence: 0.9566350425

00:54:53.745 --> 00:54:57.070 controlled studies to compare auto  
NOTE Confidence: 0.9566350425

00:54:57.070 --> 00:55:00.400 antibodies to GPCRS in various different  
NOTE Confidence: 0.9566350425

00:55:00.400 --> 00:55:02.646 conditions with the controls and  
NOTE Confidence: 0.9566350425

00:55:02.646 --> 00:55:04.614 and so that that that was sort of  
NOTE Confidence: 0.9566350425

00:55:04.614 --> 00:55:06.556 related to what what I said last time.

NOTE Confidence: 0.86517146

00:55:07.920 --> 00:55:10.041 Thank you, Akiko. I think I'll pass

NOTE Confidence: 0.86517146

00:55:10.041 --> 00:55:12.684 on to Cesar now so that he can ask

NOTE Confidence: 0.86517146

00:55:12.684 --> 00:55:14.280 a few more questions over to you.

NOTE Confidence: 0.700207629166667

00:55:16.680 --> 00:55:18.297 So I think it's almost time meant

NOTE Confidence: 0.700207629166667

00:55:18.297 --> 00:55:19.600 to be respectful of everyone.

NOTE Confidence: 0.700207629166667

00:55:19.600 --> 00:55:20.848 So I'm, I know that there

NOTE Confidence: 0.700207629166667

00:55:20.848 --> 00:55:22.560 are a lot of open questions.

NOTE Confidence: 0.700207629166667

00:55:22.560 --> 00:55:24.240 I'm sorry that we won't be

NOTE Confidence: 0.700207629166667

00:55:24.240 --> 00:55:25.680 able to cover them all.

NOTE Confidence: 0.700207629166667

00:55:25.680 --> 00:55:28.038 Maybe we can do something similar,

NOTE Confidence: 0.700207629166667

00:55:28.040 --> 00:55:30.248 put together a document after the

NOTE Confidence: 0.700207629166667

00:55:30.248 --> 00:55:34.200 town hall and answering most of them.

NOTE Confidence: 0.700207629166667

00:55:34.200 --> 00:55:36.223 But yeah, I don't think we have

NOTE Confidence: 0.700207629166667

00:55:36.223 --> 00:55:38.240 time for more questions, Bernali.

NOTE Confidence: 0.869101238333333

00:55:40.880 --> 00:55:43.616 OK. So I think we can list the

NOTE Confidence: 0.869101238333333

00:55:43.616 --> 00:55:45.629 questions and maybe put them

NOTE Confidence: 0.869101238333333

00:55:45.629 --> 00:55:47.714 up like the responses later.

NOTE Confidence: 0.869101238333333

00:55:47.720 --> 00:55:51.120 Yeah, sounds like a plan.

NOTE Confidence: 0.869101238333333

00:55:51.120 --> 00:55:53.680 If there is nothing else to respond to,

NOTE Confidence: 0.869101238333333

00:55:53.680 --> 00:55:55.395 we are already running short of time.

NOTE Confidence: 0.869101238333333

00:55:55.400 --> 00:55:56.960 I think we will thank all of you,

NOTE Confidence: 0.869101238333333

00:55:56.960 --> 00:55:58.488 the panelists and the

NOTE Confidence: 0.869101238333333

00:55:58.488 --> 00:56:00.398 participants who have joined us.

NOTE Confidence: 0.869101238333333

00:56:00.400 --> 00:56:01.579 Please ask questions,

NOTE Confidence: 0.869101238333333

00:56:01.579 --> 00:56:04.000 write to us, please,

NOTE Confidence: 0.869101238333333

00:56:04.000 --> 00:56:06.800 like finish the surveys whenever

NOTE Confidence: 0.869101238333333

00:56:06.800 --> 00:56:09.140 you receive an e-mail and also

NOTE Confidence: 0.869101238333333

00:56:09.209 --> 00:56:11.157 connect your medical records.

NOTE Confidence: 0.869101238333333

00:56:11.160 --> 00:56:13.323 These are all very important for us

NOTE Confidence: 0.869101238333333

00:56:13.323 --> 00:56:15.553 and we would love to have controls

NOTE Confidence: 0.869101238333333

00:56:15.553 --> 00:56:18.130 we did not have long COVID who do

NOTE Confidence: 0.869101238333333

00:56:18.130 --> 00:56:19.770 not have vaccine adverse events

NOTE Confidence: 0.869101238333333

00:56:19.770 --> 00:56:21.592 to report or neither together,

NOTE Confidence: 0.869101238333333

00:56:21.592 --> 00:56:24.088 and we need these controls in

NOTE Confidence: 0.869101238333333

00:56:24.088 --> 00:56:26.558 order to compare and contrast.

NOTE Confidence: 0.869101238333333

00:56:26.560 --> 00:56:28.960 Thank you all for your presence here today.

NOTE Confidence: 0.869101238333333

00:56:28.960 --> 00:56:31.320 Thank you. Thank you so much.

NOTE Confidence: 0.903973705

00:56:32.440 --> 00:56:33.280 See you again soon.