

WEBVTT

NOTE duration:"00:40:34"

NOTE recognizability:0.929

NOTE language:en-us

NOTE Confidence: 0.86274403

00:00:06.640 --> 00:00:08.080 Yeah, we'll give people one

NOTE Confidence: 0.86274403

00:00:08.080 --> 00:00:09.520 more minute before we start.

NOTE Confidence: 0.9105274

00:00:47.970 --> 00:00:50.769 I think we just go ahead to get started.

NOTE Confidence: 0.9105274

00:00:50.770 --> 00:00:53.280 And first of all,

NOTE Confidence: 0.9105274

00:00:53.280 --> 00:00:56.010 welcome you all for this YSM,

NOTE Confidence: 0.9105274

00:00:56.010 --> 00:01:00.410 YSM file repository open session.

NOTE Confidence: 0.9105274

00:01:00.410 --> 00:01:04.765 If the separation will be coordinated by me,

NOTE Confidence: 0.9105274

00:01:04.765 --> 00:01:06.340 my name is Chen Liu,

NOTE Confidence: 0.9105274

00:01:06.340 --> 00:01:09.364 so I'm the director for the power

NOTE Confidence: 0.9105274

00:01:09.364 --> 00:01:11.839 repository and the doctor with the

NOTE Confidence: 0.9105274

00:01:11.839 --> 00:01:14.197 source and who is the associate

NOTE Confidence: 0.9105274

00:01:14.197 --> 00:01:16.420 director for the power repository.

NOTE Confidence: 0.9105274

00:01:16.420 --> 00:01:19.394 I think that the the session is is recorded.

NOTE Confidence: 0.9105274

00:01:19.394 --> 00:01:22.100 I think we will post it on the website.
NOTE Confidence: 0.9105274

00:01:22.100 --> 00:01:23.577 You know, for people who miss it,
NOTE Confidence: 0.9105274

00:01:23.580 --> 00:01:26.340 you still can, you know, look at it,
NOTE Confidence: 0.9105274

00:01:26.340 --> 00:01:27.710 look at the presentation.
NOTE Confidence: 0.9105274

00:01:27.710 --> 00:01:31.143 So we just do a kind of kind of a
NOTE Confidence: 0.9105274

00:01:31.143 --> 00:01:33.048 quick presentation and mainly to
NOTE Confidence: 0.9105274

00:01:33.048 --> 00:01:35.540 really to answer questions from you
NOTE Confidence: 0.9105274

00:01:35.540 --> 00:01:38.201 and just tell you what's the the
NOTE Confidence: 0.9105274

00:01:38.201 --> 00:01:40.106 update from the power repository
NOTE Confidence: 0.9105274

00:01:40.106 --> 00:01:42.020 and hopefully this you know,
NOTE Confidence: 0.9105274

00:01:42.020 --> 00:01:45.608 you will know the the existence existence
NOTE Confidence: 0.9105274

00:01:45.608 --> 00:01:48.884 of this power repository and how to
NOTE Confidence: 0.9105274

00:01:48.884 --> 00:01:51.326 approach this repository and then
NOTE Confidence: 0.9105274

00:01:51.326 --> 00:01:54.338 to really support your research program.
NOTE Confidence: 0.9105274

00:01:54.340 --> 00:01:56.900 So now I'm going to share my screen.
NOTE Confidence: 0.9183942

00:02:02.640 --> 00:02:03.040 OK,

NOTE Confidence: 0.9183942

00:02:06.720 --> 00:02:09.000 yeah OK, you wait to use you see

NOTE Confidence: 0.9183942

00:02:09.000 --> 00:02:11.332 the the screen OK good. So this.

NOTE Confidence: 0.9183942

00:02:11.332 --> 00:02:14.968 So this is a really the the the lead

NOTE Confidence: 0.9183942

00:02:14.968 --> 00:02:18.580 the first slide first of all the scope

NOTE Confidence: 0.9183942

00:02:18.580 --> 00:02:21.355 of the work in the YSM bio repository.

NOTE Confidence: 0.9183942

00:02:21.355 --> 00:02:25.480 Now can we can summarize into like A5 parts.

NOTE Confidence: 0.9183942

00:02:25.480 --> 00:02:28.960 The one is supporting general biospecimen

NOTE Confidence: 0.9183942

00:02:28.960 --> 00:02:31.292 the intake acquisition, processing,

NOTE Confidence: 0.9183942

00:02:31.292 --> 00:02:34.844 storage and distribution and we also

NOTE Confidence: 0.9183942

00:02:34.844 --> 00:02:37.310 supported the investigator initiated

NOTE Confidence: 0.9183942

00:02:37.310 --> 00:02:40.335 or program initiated tissue banking.

NOTE Confidence: 0.9183942

00:02:40.340 --> 00:02:43.287 So this is actually it constitute a

NOTE Confidence: 0.9183942

00:02:43.287 --> 00:02:46.454 large part of what our service and

NOTE Confidence: 0.9183942

00:02:46.454 --> 00:02:49.058 we support a clinical IC validation.

NOTE Confidence: 0.9183942

00:02:49.060 --> 00:02:53.482 We we support the biospecimen components

NOTE Confidence: 0.9183942

00:02:53.482 --> 00:02:57.556 of clinical trial and we also support
NOTE Confidence: 0.9183942

00:02:57.556 --> 00:03:00.640 existing bio banks in on campus.
NOTE Confidence: 0.9183942

00:03:00.640 --> 00:03:04.136 And we know there are number of existing
NOTE Confidence: 0.9183942

00:03:04.136 --> 00:03:06.852 tissue banks and we actually wanted to
NOTE Confidence: 0.9183942

00:03:06.852 --> 00:03:09.847 work with you to see how we can provide
NOTE Confidence: 0.9183942

00:03:09.847 --> 00:03:12.480 support in terms of standard standard
NOTE Confidence: 0.9183942

00:03:12.480 --> 00:03:16.226 procedure and also some regulatory issue.
NOTE Confidence: 0.9183942

00:03:16.226 --> 00:03:19.248 And then eventually this bank would
NOTE Confidence: 0.9183942

00:03:19.248 --> 00:03:23.797 want will will be you know a CAP of
NOTE Confidence: 0.9183942

00:03:23.797 --> 00:03:25.716 college American pathologies accredited.
NOTE Confidence: 0.9183942

00:03:25.716 --> 00:03:29.653 So this is basically our goal to have this
NOTE Confidence: 0.9183942

00:03:29.653 --> 00:03:32.437 bank to become a credit the tissue bank.
NOTE Confidence: 0.9183942

00:03:32.440 --> 00:03:34.000 So what in the bank,
NOTE Confidence: 0.9183942

00:03:34.000 --> 00:03:36.592 you know we call it the power of positive
NOTE Confidence: 0.9183942

00:03:36.592 --> 00:03:40.408 products and we will have the capacity
NOTE Confidence: 0.9183942

00:03:40.408 --> 00:03:43.810 and technology to any annotate and

NOTE Confidence: 0.9183942

00:03:43.810 --> 00:03:46.960 process archive and the fresh samples.

NOTE Confidence: 0.9183942

00:03:46.960 --> 00:03:48.480 And one other aspect,

NOTE Confidence: 0.9183942

00:03:48.480 --> 00:03:51.380 you know from this bank protect we would

NOTE Confidence: 0.9183942

00:03:51.380 --> 00:03:53.800 be able to provide the paired samples

NOTE Confidence: 0.9183942

00:03:53.800 --> 00:03:56.740 that means liquid or blood and the

NOTE Confidence: 0.9183942

00:03:56.740 --> 00:03:59.080 solid tissue paired tissue specimen.

NOTE Confidence: 0.9183942

00:03:59.080 --> 00:04:02.472 And we also provide a live tissue for

NOTE Confidence: 0.9183942

00:04:02.472 --> 00:04:04.644 organized cultures. And the PDX mice.

NOTE Confidence: 0.9183942

00:04:04.644 --> 00:04:07.016 You know for whatever the usage you

NOTE Confidence: 0.9183942

00:04:07.016 --> 00:04:09.193 would like to have for live tissue

NOTE Confidence: 0.9183942

00:04:09.193 --> 00:04:11.442 and the potential to help people

NOTE Confidence: 0.9183942

00:04:11.442 --> 00:04:14.068 to develop cell lines and DNA,

NOTE Confidence: 0.9183942

00:04:14.068 --> 00:04:16.642 RNA protein extractions and the mono

NOTE Confidence: 0.9183942

00:04:16.642 --> 00:04:18.586 nuclear cell isolations from blast samples.

NOTE Confidence: 0.9183942

00:04:18.590 --> 00:04:21.670 Those are the examples of this power

NOTE Confidence: 0.9183942

00:04:21.670 --> 00:04:24.348 repository will be able to provide.
NOTE Confidence: 0.9183942

00:04:24.350 --> 00:04:26.744 And of course if you have some special need,
NOTE Confidence: 0.9183942

00:04:26.750 --> 00:04:29.781 special request we are more than happy
NOTE Confidence: 0.9183942

00:04:29.781 --> 00:04:33.298 to work with you to find to understand
NOTE Confidence: 0.9183942

00:04:33.298 --> 00:04:37.546 what your need and try to support it.
NOTE Confidence: 0.9183942

00:04:37.550 --> 00:04:39.600 So this,
NOTE Confidence: 0.9183942

00:04:39.600 --> 00:04:40.956 this is sort of a timeline,
NOTE Confidence: 0.9183942

00:04:40.960 --> 00:04:43.530 the preliminary operation because the
NOTE Confidence: 0.9183942

00:04:43.530 --> 00:04:47.216 debate really back to 2020 is under
NOTE Confidence: 0.9183942

00:04:47.216 --> 00:04:49.796 weight with the source directorship.
NOTE Confidence: 0.9183942

00:04:49.800 --> 00:04:53.096 And then the this current bank is actually
NOTE Confidence: 0.9183942

00:04:53.096 --> 00:04:54.863 officially starting November 2022.
NOTE Confidence: 0.9183942

00:04:54.863 --> 00:04:57.607 And so so far the bank has been
NOTE Confidence: 0.9183942

00:04:57.607 --> 00:05:00.079 supported more than 20 clinical
NOTE Confidence: 0.9183942

00:05:00.079 --> 00:05:02.639 laboratory projects and research studies.
NOTE Confidence: 0.9183942

00:05:02.640 --> 00:05:05.020 And right now this is the current

NOTE Confidence: 0.9183942

00:05:05.020 --> 00:05:07.270 structure of the YSM Bauer repository

NOTE Confidence: 0.9183942

00:05:07.270 --> 00:05:10.615 is I directed the bank and Wade is

NOTE Confidence: 0.9183942

00:05:10.615 --> 00:05:13.373 the social director and we the two

NOTE Confidence: 0.9183942

00:05:13.373 --> 00:05:16.252 managers one from you know is work

NOTE Confidence: 0.9183942

00:05:16.252 --> 00:05:19.299 closely under Wade with his name is

NOTE Confidence: 0.9183942

00:05:19.299 --> 00:05:22.204 David Ferguson and then other is the

NOTE Confidence: 0.9183942

00:05:22.204 --> 00:05:26.800 King fan who is closely work with me.

NOTE Confidence: 0.9183942

00:05:26.800 --> 00:05:29.480 So the bank also kind of tries to

NOTE Confidence: 0.9183942

00:05:29.480 --> 00:05:32.240 support you for your grant application.

NOTE Confidence: 0.9183942

00:05:32.240 --> 00:05:33.010 For example,

NOTE Confidence: 0.9183942

00:05:33.010 --> 00:05:35.320 the bank will provide the letters

NOTE Confidence: 0.9183942

00:05:35.320 --> 00:05:38.358 of support and help you to do the

NOTE Confidence: 0.9183942

00:05:38.358 --> 00:05:40.090 budget justification in terms of

NOTE Confidence: 0.9183942

00:05:40.090 --> 00:05:43.494 cost for biospecimen acquisition,

NOTE Confidence: 0.9183942

00:05:43.494 --> 00:05:46.047 storage and utilization.

NOTE Confidence: 0.9277997599999999

00:05:46.050 --> 00:05:48.185 And it really provided this boiler place
NOTE Confidence: 0.9277997599999999

00:05:48.185 --> 00:05:51.174 for you to for you know for any granted
NOTE Confidence: 0.9277997599999999

00:05:51.174 --> 00:05:53.295 application you're going to have a
NOTE Confidence: 0.9277997599999999

00:05:53.295 --> 00:05:55.090 resources facilitating the equipment page
NOTE Confidence: 0.9277997599999999

00:05:55.090 --> 00:05:57.850 and this is just to give you an example,
NOTE Confidence: 0.9277997599999999

00:05:57.850 --> 00:06:00.978 while the bank can actually provide it to
NOTE Confidence: 0.9277997599999999

00:06:00.978 --> 00:06:05.540 your to you know to your grant applications.
NOTE Confidence: 0.9277997599999999

00:06:05.540 --> 00:06:08.740 So right now this is a temporary space
NOTE Confidence: 0.9277997599999999

00:06:08.740 --> 00:06:15.540 and well one is located at LMP 2017, 2077.
NOTE Confidence: 0.9277997599999999

00:06:15.540 --> 00:06:17.700 So this is smaller live module,
NOTE Confidence: 0.9277997599999999

00:06:17.700 --> 00:06:19.284 this is the diagram.
NOTE Confidence: 0.9277997599999999

00:06:19.284 --> 00:06:22.620 And then the other live space is and it's
NOTE Confidence: 0.9277997599999999

00:06:22.620 --> 00:06:24.812 it's in the space of live term medicine
NOTE Confidence: 0.9277997599999999

00:06:24.812 --> 00:06:27.055 you can see where just so the one at
NOTE Confidence: 0.9277997599999999

00:06:27.060 --> 00:06:32.030 LMP 2077 is really the primarily it's
NOTE Confidence: 0.9277997599999999

00:06:32.030 --> 00:06:36.156 tissue samples and the one the space

NOTE Confidence: 0.927799759999999

00:06:36.156 --> 00:06:39.084 in the underlying medicine is mainly

NOTE Confidence: 0.927799759999999

00:06:39.084 --> 00:06:42.260 blood or other liquid about specimen.

NOTE Confidence: 0.92560226

00:06:46.580 --> 00:06:49.296 So how this bank is financially supported.

NOTE Confidence: 0.92560226

00:06:49.300 --> 00:06:53.630 So the bank is right now is the institutional

NOTE Confidence: 0.92560226

00:06:53.630 --> 00:06:56.300 support mainly and it's from Dean's office,

NOTE Confidence: 0.92560226

00:06:56.300 --> 00:06:59.978 it runs as a university service

NOTE Confidence: 0.92560226

00:06:59.980 --> 00:07:02.140 provider basically called USP cards.

NOTE Confidence: 0.92560226

00:07:02.140 --> 00:07:04.644 You are familiar with the and then then

NOTE Confidence: 0.92560226

00:07:04.644 --> 00:07:07.275 the others is really the true charge back.

NOTE Confidence: 0.92560226

00:07:07.280 --> 00:07:08.876 So the charge back of specimen,

NOTE Confidence: 0.92560226

00:07:08.880 --> 00:07:11.890 the usage will be determined on an

NOTE Confidence: 0.92560226

00:07:11.890 --> 00:07:14.692 annually basis just like any other US

NOTE Confidence: 0.92560226

00:07:14.692 --> 00:07:17.800 you know USP car within the university.

NOTE Confidence: 0.92560226

00:07:17.800 --> 00:07:20.408 And certainly this is also our future goal

NOTE Confidence: 0.92560226

00:07:20.408 --> 00:07:23.581 is to see if the bank would collaborate

NOTE Confidence: 0.92560226

00:07:23.581 --> 00:07:25.602 with investigators or even industry
NOTE Confidence: 0.92560226

00:07:25.602 --> 00:07:28.473 partners and to see if we can get some
NOTE Confidence: 0.92560226

00:07:28.480 --> 00:07:30.796 of support you know through either
NOTE Confidence: 0.92560226

00:07:30.796 --> 00:07:33.679 grants or some other service agreement.
NOTE Confidence: 0.92560226

00:07:33.680 --> 00:07:35.570 And of course there's one other
NOTE Confidence: 0.92560226

00:07:35.570 --> 00:07:37.992 area you know venue to support the
NOTE Confidence: 0.92560226

00:07:37.992 --> 00:07:39.832 bank will be fair philanthropy.
NOTE Confidence: 0.92560226

00:07:39.840 --> 00:07:42.080 But right now I just you know the
NOTE Confidence: 0.92560226

00:07:42.080 --> 00:07:44.458 bank is predominantly subsidized by
NOTE Confidence: 0.92560226

00:07:44.458 --> 00:07:47.461 the Dean's office and then we have
NOTE Confidence: 0.92560226

00:07:47.461 --> 00:07:50.546 the charge back fees which you know
NOTE Confidence: 0.92560226

00:07:50.546 --> 00:07:52.322 which are posted online, right.
NOTE Confidence: 0.92560226

00:07:52.322 --> 00:07:54.578 You can see the fees and online and
NOTE Confidence: 0.92560226

00:07:54.578 --> 00:07:56.479 certainly when we meet you and we'll
NOTE Confidence: 0.92560226

00:07:56.479 --> 00:07:58.328 discuss this with you and it will
NOTE Confidence: 0.92560226

00:07:58.328 --> 00:08:00.555 find out what's your need and then you

NOTE Confidence: 0.92560226

00:08:00.555 --> 00:08:03.405 you are get much clear information.

NOTE Confidence: 0.92560226

00:08:03.410 --> 00:08:05.608 So this is the current available specimen.

NOTE Confidence: 0.92560226

00:08:05.610 --> 00:08:07.087 We have blast samples and the like.

NOTE Confidence: 0.92560226

00:08:07.090 --> 00:08:11.086 Medicine is we have 275,000 eloquent,

NOTE Confidence: 0.92560226

00:08:11.090 --> 00:08:13.665 we have archived tissues within

NOTE Confidence: 0.92560226

00:08:13.665 --> 00:08:16.341 pathology and then because of the

NOTE Confidence: 0.92560226

00:08:16.341 --> 00:08:18.534 COVID and over the past two,

NOTE Confidence: 0.92560226

00:08:18.534 --> 00:08:20.928 two or three years we have accumulate

NOTE Confidence: 0.92560226

00:08:20.930 --> 00:08:23.234 accumulate the significant number of the

NOTE Confidence: 0.92560226

00:08:23.234 --> 00:08:25.769 COVID specimen and 80 from autopsies,

NOTE Confidence: 0.92560226

00:08:25.770 --> 00:08:27.098 MP swaps,

NOTE Confidence: 0.92560226

00:08:27.098 --> 00:08:31.208 Saliva's and also some blast samples.

NOTE Confidence: 0.92560226

00:08:31.210 --> 00:08:32.488 So this is also a summary.

NOTE Confidence: 0.92560226

00:08:32.490 --> 00:08:35.650 So right now for example this is the

NOTE Confidence: 0.92560226

00:08:35.650 --> 00:08:37.710 tissue inventories we have you know

NOTE Confidence: 0.92560226

00:08:37.710 --> 00:08:40.418 with basically we want to we will build
NOTE Confidence: 0.92560226

00:08:40.418 --> 00:08:42.374 a collection of normal tissues from
NOTE Confidence: 0.92560226

00:08:42.374 --> 00:08:44.616 all different parts of our organs and
NOTE Confidence: 0.92560226

00:08:44.616 --> 00:08:47.420 then you will be able to see it as
NOTE Confidence: 0.92560226

00:08:47.420 --> 00:08:49.550 through online access and that this is
NOTE Confidence: 0.92560226

00:08:49.550 --> 00:08:52.282 just to give you a snapshot on what
NOTE Confidence: 0.92560226

00:08:52.282 --> 00:08:55.320 are the you know information looks like.
NOTE Confidence: 0.92560226

00:08:55.320 --> 00:08:57.696 And then eventually we want to make sure
NOTE Confidence: 0.92560226

00:08:57.696 --> 00:09:00.639 the bank website will be more user friendly,
NOTE Confidence: 0.92560226

00:09:00.640 --> 00:09:01.568 more interactive,
NOTE Confidence: 0.92560226

00:09:01.568 --> 00:09:05.008 you will be getting more information from
NOTE Confidence: 0.92560226

00:09:05.008 --> 00:09:07.599 the you know from the from the bank.
NOTE Confidence: 0.92560226

00:09:07.600 --> 00:09:10.113 Right now we are building this portal
NOTE Confidence: 0.92560226

00:09:10.113 --> 00:09:13.217 and the step by step you will have
NOTE Confidence: 0.92560226

00:09:13.217 --> 00:09:15.800 more information you know you can
NOTE Confidence: 0.92560226

00:09:15.800 --> 00:09:18.250 get from the website. All right.

NOTE Confidence: 0.92560226

00:09:18.250 --> 00:09:19.875 So any questions so far?

NOTE Confidence: 0.929454

00:09:22.020 --> 00:09:24.036 Because I can now see you probably

NOTE Confidence: 0.929454

00:09:24.036 --> 00:09:25.820 just on mute and speak out,

NOTE Confidence: 0.929454

00:09:25.820 --> 00:09:29.202 speak out, please. All right.

NOTE Confidence: 0.929454

00:09:29.202 --> 00:09:31.099 That way I'll turn to Wade and

NOTE Confidence: 0.929454

00:09:31.099 --> 00:09:32.926 who is going to give you more

NOTE Confidence: 0.929454

00:09:32.926 --> 00:09:35.900 for the introduction about the

NOTE Confidence: 0.929454

00:09:35.900 --> 00:09:38.104 current blood sample collection

NOTE Confidence: 0.929454

00:09:38.104 --> 00:09:40.136 and about specimen support.

NOTE Confidence: 0.929454

00:09:40.140 --> 00:09:41.340 And wait, yeah,

NOTE Confidence: 0.9385306355555555

00:09:41.660 --> 00:09:43.212 sounds great. So yeah,

NOTE Confidence: 0.9385306355555555

00:09:43.212 --> 00:09:45.152 but as Doctor New mentioned,

NOTE Confidence: 0.9385306355555555

00:09:45.160 --> 00:09:48.499 we had initially started operations for a

NOTE Confidence: 0.9385306355555555

00:09:48.499 --> 00:09:50.878 liquid specific biorepository back in 2020,

NOTE Confidence: 0.9385306355555555

00:09:50.880 --> 00:09:53.640 primarily focused on the collection

NOTE Confidence: 0.9385306355555555

00:09:53.640 --> 00:09:55.848 and distribution of COVID-19
NOTE Confidence: 0.9385306355555555

00:09:55.848 --> 00:09:58.118 specimens both for clinical use,
NOTE Confidence: 0.9385306355555555

00:09:58.120 --> 00:09:59.431 population health and
NOTE Confidence: 0.9385306355555555

00:09:59.431 --> 00:10:00.742 epidemiologic surveillance as
NOTE Confidence: 0.9385306355555555

00:10:00.742 --> 00:10:03.839 well as a few research contracts.
NOTE Confidence: 0.9385306355555555

00:10:03.840 --> 00:10:06.520 And now I have merged that into the
NOTE Confidence: 0.9385306355555555

00:10:06.520 --> 00:10:08.596 YSM biorepository so that we actually
NOTE Confidence: 0.9385306355555555

00:10:08.596 --> 00:10:10.688 have a a single biorepository.
NOTE Confidence: 0.9385306355555555

00:10:10.688 --> 00:10:14.082 It is not managed by a anatomic
NOTE Confidence: 0.9385306355555555

00:10:14.082 --> 00:10:15.626 path or lab medicine.
NOTE Confidence: 0.9385306355555555

00:10:15.630 --> 00:10:16.655 Many of the people are
NOTE Confidence: 0.9385306355555555

00:10:16.655 --> 00:10:17.270 from those departments,
NOTE Confidence: 0.9385306355555555

00:10:17.270 --> 00:10:20.750 but it is actually the YSM biorepository.
NOTE Confidence: 0.9385306355555555

00:10:20.750 --> 00:10:22.830 Next slide.
NOTE Confidence: 0.9385306355555555

00:10:22.830 --> 00:10:25.206 And really what we wanted to, you know,
NOTE Confidence: 0.9385306355555555

00:10:25.206 --> 00:10:27.114 highlight as part of this effort

NOTE Confidence: 0.9385306355555555

00:10:27.114 --> 00:10:29.408 is that we aren't just a biobank.

NOTE Confidence: 0.9385306355555555

00:10:29.410 --> 00:10:31.740 So the goal for us is not just to take

NOTE Confidence: 0.9385306355555555

00:10:31.802 --> 00:10:34.007 specimens and put them in a freezer,

NOTE Confidence: 0.9385306355555555

00:10:34.010 --> 00:10:36.330 but rather provide biospecimen management.

NOTE Confidence: 0.9385306355555555

00:10:36.330 --> 00:10:38.958 So we have a number of projects where we

NOTE Confidence: 0.9385306355555555

00:10:38.958 --> 00:10:40.933 actually acquire biospecimens and we'll

NOTE Confidence: 0.9385306355555555

00:10:40.933 --> 00:10:43.363 ship them directly to study sponsors.

NOTE Confidence: 0.9385306355555555

00:10:43.370 --> 00:10:45.818 We'll move them immediately to one of the

NOTE Confidence: 0.9385306355555555

00:10:45.818 --> 00:10:47.887 research labs or clinical trial groups.

NOTE Confidence: 0.9385306355555555

00:10:47.890 --> 00:10:49.807 In cases where we do need to store them,

NOTE Confidence: 0.9385306355555555

00:10:49.810 --> 00:10:51.778 we can put them in a freezer and

NOTE Confidence: 0.9385306355555555

00:10:51.778 --> 00:10:53.688 bank them for future use as well.

NOTE Confidence: 0.9385306355555555

00:10:53.690 --> 00:10:56.035 But really wanted to move beyond just

NOTE Confidence: 0.9385306355555555

00:10:56.035 --> 00:10:58.199 banking and really have this more

NOTE Confidence: 0.9385306355555555

00:10:58.199 --> 00:11:00.024 service organization that can provide

NOTE Confidence: 0.9385306355555555

00:11:00.024 --> 00:11:02.397 a number of different functions for
NOTE Confidence: 0.9385306355555555

00:11:02.397 --> 00:11:04.372 investigators who need to access
NOTE Confidence: 0.9385306355555555

00:11:04.372 --> 00:11:05.958 tissue or liquid biospecimens.
NOTE Confidence: 0.9385306355555555

00:11:05.958 --> 00:11:08.730 Another aspect of that is that we
NOTE Confidence: 0.9385306355555555

00:11:08.806 --> 00:11:10.446 can actually capture biospecimens
NOTE Confidence: 0.9385306355555555

00:11:10.446 --> 00:11:13.330 in real time or near real time.
NOTE Confidence: 0.9385306355555555

00:11:13.330 --> 00:11:15.815 We can do that both for consented
NOTE Confidence: 0.9385306355555555

00:11:15.815 --> 00:11:17.657 patients where specimens come in
NOTE Confidence: 0.9385306355555555

00:11:17.657 --> 00:11:20.220 specifically for a research study we can
NOTE Confidence: 0.9385306355555555

00:11:20.220 --> 00:11:22.530 do consented but excess specimen collection.
NOTE Confidence: 0.9385306355555555

00:11:22.530 --> 00:11:23.598 So somebody consented,
NOTE Confidence: 0.9385306355555555

00:11:23.598 --> 00:11:26.090 but we're taking excess from a clinical
NOTE Confidence: 0.9385306355555555

00:11:26.155 --> 00:11:28.306 collection or with appropriate IRB
NOTE Confidence: 0.9385306355555555

00:11:28.306 --> 00:11:30.276 approval and de identification can
NOTE Confidence: 0.9385306355555555

00:11:30.276 --> 00:11:32.281 actually use de identified excess
NOTE Confidence: 0.9385306355555555

00:11:32.281 --> 00:11:34.609 specimens based off of clinical criteria.

NOTE Confidence: 0.9385306355555555
00:11:34.610 --> 00:11:37.026 And we've done that for a number of
NOTE Confidence: 0.9385306355555555
00:11:37.026 --> 00:11:38.889 different disease states or conditions,
NOTE Confidence: 0.9385306355555555
00:11:38.890 --> 00:11:39.934 lupus, COVID,
NOTE Confidence: 0.9385306355555555
00:11:39.934 --> 00:11:42.022 some hematologic malignancy as
NOTE Confidence: 0.9385306355555555
00:11:42.022 --> 00:11:45.269 well as within the clinical lab.
NOTE Confidence: 0.9385306355555555
00:11:45.270 --> 00:11:47.111 We've done this for a number of
NOTE Confidence: 0.9385306355555555
00:11:47.111 --> 00:11:48.310 different assay validations as well.
NOTE Confidence: 0.9385306355555555
00:11:48.310 --> 00:11:50.130 So something that's quite powerful
NOTE Confidence: 0.9385306355555555
00:11:50.130 --> 00:11:51.950 especially for labile analytes where
NOTE Confidence: 0.9385306355555555
00:11:52.004 --> 00:11:53.579 we don't have to worry about how
NOTE Confidence: 0.9385306355555555
00:11:53.579 --> 00:11:55.389 long is the spend in the freezer,
NOTE Confidence: 0.9385306355555555
00:11:55.390 --> 00:11:57.496 but we can get it soon after the time
NOTE Confidence: 0.9385306355555555
00:11:57.496 --> 00:11:59.547 that the specimen was collected or
NOTE Confidence: 0.9385306355555555
00:11:59.547 --> 00:12:01.302 completed for a clinical testing.
NOTE Confidence: 0.9385306355555555
00:12:01.310 --> 00:12:02.190 Next slide.
NOTE Confidence: 0.9292378

00:12:06.730 --> 00:12:08.015 And so I've already talked
NOTE Confidence: 0.9292378

00:12:08.015 --> 00:12:09.043 through both of these.
NOTE Confidence: 0.9292378

00:12:09.050 --> 00:12:10.892 So those two pathways again are
NOTE Confidence: 0.9292378

00:12:10.892 --> 00:12:12.532 either the excess clinical samples
NOTE Confidence: 0.9292378

00:12:12.532 --> 00:12:14.282 which can either be consented
NOTE Confidence: 0.9292378

00:12:14.282 --> 00:12:15.682 or deidentified specimens as
NOTE Confidence: 0.9292378

00:12:15.738 --> 00:12:17.328 well as new sample collection.
NOTE Confidence: 0.9292378

00:12:17.330 --> 00:12:20.888 We've done collections for Sera plasma,
NOTE Confidence: 0.9292378

00:12:20.890 --> 00:12:22.830 whole blood, we've done PBMC
NOTE Confidence: 0.9292378

00:12:22.830 --> 00:12:24.770 isolation saliva and P swab.
NOTE Confidence: 0.9292378

00:12:24.770 --> 00:12:27.388 So really a quite broad set of
NOTE Confidence: 0.9292378

00:12:27.388 --> 00:12:29.530 specimens that we can collect.
NOTE Confidence: 0.9292378

00:12:29.530 --> 00:12:31.959 We've also done a couple of specimen
NOTE Confidence: 0.9292378

00:12:31.959 --> 00:12:34.250 types for CSF as well as urine.
NOTE Confidence: 0.9292378

00:12:34.250 --> 00:12:36.986 So as long as we have a standardized
NOTE Confidence: 0.9292378

00:12:36.986 --> 00:12:39.088 collection containers for those biospecimens,

NOTE Confidence: 0.9292378

00:12:39.090 --> 00:12:40.890 it's something that we can

NOTE Confidence: 0.9292378

00:12:40.890 --> 00:12:41.970 pretty rapidly get.

NOTE Confidence: 0.9292378

00:12:41.970 --> 00:12:44.250 And if there are nonstandard collection,

NOTE Confidence: 0.9292378

00:12:44.250 --> 00:12:46.418 we can set that up on a more

NOTE Confidence: 0.9292378

00:12:46.418 --> 00:12:47.850 site per site basis.

NOTE Confidence: 0.9292378

00:12:47.850 --> 00:12:50.685 We also have done collections at other

NOTE Confidence: 0.9292378

00:12:50.690 --> 00:12:52.167 DN's as well as other care sites.

NOTE Confidence: 0.9292378

00:12:52.170 --> 00:12:54.487 So we've done a number of biospecimen

NOTE Confidence: 0.9292378

00:12:54.487 --> 00:12:56.434 collections from like the North Haven

NOTE Confidence: 0.9292378

00:12:56.434 --> 00:12:58.513 Smylo Center as well as others across

NOTE Confidence: 0.9292378

00:12:58.579 --> 00:13:00.487 the Yale New Haven Health Network.

NOTE Confidence: 0.9292378

00:13:00.490 --> 00:13:00.930 Next slide,

NOTE Confidence: 0.92967445

00:13:05.260 --> 00:13:06.442 some of the different services that

NOTE Confidence: 0.92967445

00:13:06.442 --> 00:13:08.018 we offer and like Doctor Lu mentioned,

NOTE Confidence: 0.92967445

00:13:08.020 --> 00:13:10.081 the full list of these as well as the

NOTE Confidence: 0.92967445

00:13:10.081 --> 00:13:12.295 prices are all on our biorepository website,
NOTE Confidence: 0.92967445

00:13:12.300 --> 00:13:14.435 which will pull up here at the
NOTE Confidence: 0.92967445

00:13:14.435 --> 00:13:15.960 end for more complex studies.
NOTE Confidence: 0.92967445

00:13:15.960 --> 00:13:18.710 There is a study setup charge and then we
NOTE Confidence: 0.92967445

00:13:18.710 --> 00:13:20.726 have services as basic as just receiving
NOTE Confidence: 0.92967445

00:13:20.785 --> 00:13:22.878 and DE identifying A specimen and then
NOTE Confidence: 0.92967445

00:13:22.878 --> 00:13:24.668 handing that to the investigator.
NOTE Confidence: 0.92967445

00:13:24.668 --> 00:13:26.888 We can also do basic
NOTE Confidence: 0.92967445

00:13:26.888 --> 00:13:28.220 processing and aliquoting.
NOTE Confidence: 0.92967445

00:13:28.220 --> 00:13:29.822 We can do aliquoting into our
NOTE Confidence: 0.92967445

00:13:29.822 --> 00:13:31.262 bio banking tubes which already
NOTE Confidence: 0.92967445

00:13:31.262 --> 00:13:32.857 have barcodes printed on them,
NOTE Confidence: 0.92967445

00:13:32.860 --> 00:13:34.836 both a 1D bar code on the side
NOTE Confidence: 0.92967445

00:13:34.836 --> 00:13:37.185 and a 2D bar code on the bottom.
NOTE Confidence: 0.92967445

00:13:37.190 --> 00:13:39.115 Or if there are custom tubes that
NOTE Confidence: 0.92967445

00:13:39.115 --> 00:13:41.386 somebody needs, we can do that as well.

NOTE Confidence: 0.92967445

00:13:41.390 --> 00:13:43.390 We do have storage capacity

NOTE Confidence: 0.92967445

00:13:43.390 --> 00:13:44.990 for four degrees -20,

NOTE Confidence: 0.92967445

00:13:44.990 --> 00:13:48.550 negative 80 and liquid nitrogen is an option,

NOTE Confidence: 0.92967445

00:13:48.550 --> 00:13:50.344 but we have not had anybody

NOTE Confidence: 0.92967445

00:13:50.344 --> 00:13:52.029 have that stored with us yet.

NOTE Confidence: 0.92967445

00:13:52.030 --> 00:13:53.470 There is a retrieval charge,

NOTE Confidence: 0.92967445

00:13:53.470 --> 00:13:54.590 so specimens are being

NOTE Confidence: 0.92967445

00:13:54.590 --> 00:13:55.990 stored with us long term.

NOTE Confidence: 0.92967445

00:13:55.990 --> 00:13:57.908 There is a cost to pull those.

NOTE Confidence: 0.92967445

00:13:57.910 --> 00:13:59.010 If it is something where

NOTE Confidence: 0.92967445

00:13:59.010 --> 00:14:00.110 it's for a specific study,

NOTE Confidence: 0.92967445

00:14:00.110 --> 00:14:01.643 we're collecting it for a couple of

NOTE Confidence: 0.92967445

00:14:01.643 --> 00:14:03.379 months and then just pulling that plate,

NOTE Confidence: 0.92967445

00:14:03.380 --> 00:14:04.619 then that's just part of the study.

NOTE Confidence: 0.92967445

00:14:04.620 --> 00:14:07.404 Cost rather than retrieval

NOTE Confidence: 0.92967445

00:14:07.404 --> 00:14:08.660 specifically DNA&RNA preparation

NOTE Confidence: 0.92967445

00:14:08.660 --> 00:14:10.340 are things that we can do.

NOTE Confidence: 0.92967445

00:14:10.340 --> 00:14:10.868 PBMC preparation,

NOTE Confidence: 0.92967445

00:14:10.868 --> 00:14:11.660 as I mentioned,

NOTE Confidence: 0.92967445

00:14:11.660 --> 00:14:14.068 we've done a number of projects on and

NOTE Confidence: 0.92967445

00:14:14.068 --> 00:14:16.939 then we also have some study support

NOTE Confidence: 0.92967445

00:14:16.939 --> 00:14:19.134 options for doing informatics support,

NOTE Confidence: 0.92967445

00:14:19.140 --> 00:14:21.800 shipping manifest development to support

NOTE Confidence: 0.92967445

00:14:21.800 --> 00:14:24.460 really primarily the sponsored trials

NOTE Confidence: 0.92967445

00:14:24.537 --> 00:14:26.854 where we might be packaging it up,

NOTE Confidence: 0.92967445

00:14:26.860 --> 00:14:28.112 filling out custom manifests

NOTE Confidence: 0.92967445

00:14:28.112 --> 00:14:29.990 and then set it sending that

NOTE Confidence: 0.92967445

00:14:30.050 --> 00:14:31.590 to a study sponsor directly.

NOTE Confidence: 0.92967445

00:14:31.590 --> 00:14:32.868 In a couple of unique cases,

NOTE Confidence: 0.92967445

00:14:32.870 --> 00:14:34.350 we can also do research,

NOTE Confidence: 0.92967445

00:14:34.350 --> 00:14:36.030 testing within the clinical labs.

NOTE Confidence: 0.92967445

00:14:36.030 --> 00:14:37.969 So we've done a couple of projects

NOTE Confidence: 0.92967445

00:14:37.969 --> 00:14:39.394 where people needed COVID antibody

NOTE Confidence: 0.92967445

00:14:39.394 --> 00:14:41.263 results and we were able to work

NOTE Confidence: 0.92967445

00:14:41.263 --> 00:14:43.028 with the clinical labs to do

NOTE Confidence: 0.92967445

00:14:43.028 --> 00:14:44.468 that testing directly and supply

NOTE Confidence: 0.92967445

00:14:44.470 --> 00:14:46.450 those as research results as well

NOTE Confidence: 0.92967445

00:14:46.450 --> 00:14:48.868 as a few other assays as well.

NOTE Confidence: 0.92967445

00:14:48.870 --> 00:14:49.430 Next slide

NOTE Confidence: 0.9355839

00:14:52.100 --> 00:14:53.480 for the informatics driven

NOTE Confidence: 0.9355839

00:14:53.480 --> 00:14:54.860 biorepository aspect of this,

NOTE Confidence: 0.9355839

00:14:54.860 --> 00:14:56.610 one thing I had mentioned was that

NOTE Confidence: 0.9355839

00:14:56.610 --> 00:14:57.951 we can capture these specimens

NOTE Confidence: 0.9355839

00:14:57.951 --> 00:14:59.820 in real time or near real time.

NOTE Confidence: 0.9355839

00:14:59.820 --> 00:15:01.215 And the way we do that is with some

NOTE Confidence: 0.9355839

00:15:01.215 --> 00:15:02.552 of the infrastructure that we've

NOTE Confidence: 0.9355839

00:15:02.552 --> 00:15:04.250 developed within the School of Medicine

NOTE Confidence: 0.9355839

00:15:04.293 --> 00:15:05.609 as well as the health system that

NOTE Confidence: 0.9355839

00:15:05.609 --> 00:15:08.080 allows us to monitor patient data in

NOTE Confidence: 0.9355839

00:15:08.080 --> 00:15:10.455 both an identified and deidentified

NOTE Confidence: 0.9355839

00:15:10.455 --> 00:15:12.499 fashion in in near real time.

NOTE Confidence: 0.9355839

00:15:12.500 --> 00:15:14.558 So within seconds to minutes or

NOTE Confidence: 0.9355839

00:15:14.558 --> 00:15:17.170 hours of a test being completed,

NOTE Confidence: 0.9355839

00:15:17.170 --> 00:15:19.696 we can see those results and

NOTE Confidence: 0.9355839

00:15:19.696 --> 00:15:21.907 actually then flag biospecimens for

NOTE Confidence: 0.9355839

00:15:21.907 --> 00:15:23.703 collection and the identification

NOTE Confidence: 0.9355839

00:15:23.703 --> 00:15:26.729 and then downstream use or use cases.

NOTE Confidence: 0.9355839

00:15:26.730 --> 00:15:28.683 We've done this for some studies looking

NOTE Confidence: 0.9355839

00:15:28.683 --> 00:15:30.379 at babesio where we flagged on as

NOTE Confidence: 0.9355839

00:15:30.379 --> 00:15:32.370 soon as we had a babesio quantification,

NOTE Confidence: 0.9355839

00:15:32.370 --> 00:15:34.450 if it was over 10%,

NOTE Confidence: 0.9355839

00:15:34.450 --> 00:15:35.710 those cases were flagged and we

NOTE Confidence: 0.9355839

00:15:35.710 --> 00:15:37.209 would go get the tube of blood,

NOTE Confidence: 0.9355839

00:15:37.210 --> 00:15:38.872 prepare another spear and then set

NOTE Confidence: 0.9355839

00:15:38.872 --> 00:15:40.610 that aside for the researcher.

NOTE Confidence: 0.9355839

00:15:40.610 --> 00:15:43.081 We've done it for some clinical lab

NOTE Confidence: 0.9355839

00:15:43.081 --> 00:15:45.116 validations looking at some play bile

NOTE Confidence: 0.9355839

00:15:45.116 --> 00:15:47.244 analytes in urine as well as blood.

NOTE Confidence: 0.9355839

00:15:47.250 --> 00:15:49.618 We've also done this for a number of

NOTE Confidence: 0.9355839

00:15:49.618 --> 00:15:51.701 COVID studies where after patients had

NOTE Confidence: 0.9355839

00:15:51.701 --> 00:15:53.710 a COVID infection pulling subsequent

NOTE Confidence: 0.9355839

00:15:53.710 --> 00:15:56.530 sera specimens from the same individuals.

NOTE Confidence: 0.9355839

00:15:56.530 --> 00:15:58.150 So something that's very powerful

NOTE Confidence: 0.9355839

00:15:58.150 --> 00:15:59.770 and that we can develop.

NOTE Confidence: 0.9355839

00:15:59.770 --> 00:16:01.612 The amount of time to develop

NOTE Confidence: 0.9355839

00:16:01.612 --> 00:16:03.225 those those signatures or alerts

NOTE Confidence: 0.9355839

00:16:03.225 --> 00:16:04.870 varies depending on how complex

NOTE Confidence: 0.9355839

00:16:04.870 --> 00:16:06.970 the the phenotype or signature is.
NOTE Confidence: 0.9355839

00:16:06.970 --> 00:16:09.892 So looking for adults with diabetes
NOTE Confidence: 0.9355839

00:16:09.892 --> 00:16:12.576 is easier than looking for an adult
NOTE Confidence: 0.9355839

00:16:12.576 --> 00:16:14.160 admitted to the ICU and put on the
NOTE Confidence: 0.9355839

00:16:14.211 --> 00:16:15.777 ventilator in the last four hours.
NOTE Confidence: 0.9355839

00:16:15.780 --> 00:16:17.580 So depending on that complexity,
NOTE Confidence: 0.9355839

00:16:17.580 --> 00:16:19.176 all things we can potentially work with,
NOTE Confidence: 0.9355839

00:16:19.180 --> 00:16:21.028 but have a different cost depending on
NOTE Confidence: 0.9355839

00:16:21.028 --> 00:16:23.258 how long it takes to actually develop.
NOTE Confidence: 0.9355839

00:16:23.260 --> 00:16:23.820 Next slide,
NOTE Confidence: 0.9311872

00:16:26.600 --> 00:16:27.824 the current infrastructure,
NOTE Confidence: 0.9311872

00:16:27.824 --> 00:16:29.456 these are again shared
NOTE Confidence: 0.9311872

00:16:29.456 --> 00:16:30.680 within the biorepository,
NOTE Confidence: 0.9311872

00:16:30.680 --> 00:16:32.504 but these this is equipment that
NOTE Confidence: 0.9311872

00:16:32.504 --> 00:16:34.479 we have over in 55 Park St.
NOTE Confidence: 0.9311872

00:16:34.480 --> 00:16:35.464 the lab building.

NOTE Confidence: 0.9311872
00:16:35.464 --> 00:16:37.104 We do have some automation
NOTE Confidence: 0.9311872
00:16:37.104 --> 00:16:39.239 to help with aliquotting and
NOTE Confidence: 0.9311872
00:16:39.239 --> 00:16:41.115 processing of our biospecimens.
NOTE Confidence: 0.9311872
00:16:41.120 --> 00:16:42.896 So the Hamilton star over on
NOTE Confidence: 0.9311872
00:16:42.896 --> 00:16:44.367 the right hand side that's
NOTE Confidence: 0.9311872
00:16:44.367 --> 00:16:46.089 hooked up to an automated capper
NOTE Confidence: 0.9311872
00:16:46.089 --> 00:16:48.023 decapper that goes into our low
NOTE Confidence: 0.9311872
00:16:48.023 --> 00:16:49.040 format biorepository plates.
NOTE Confidence: 0.9311872
00:16:49.040 --> 00:16:50.960 So for individuals that can
NOTE Confidence: 0.9311872
00:16:50.960 --> 00:16:52.880 work with our freezer tubes,
NOTE Confidence: 0.9311872
00:16:52.880 --> 00:16:55.256 either the half mill or the one mill tubes,
NOTE Confidence: 0.9311872
00:16:55.260 --> 00:16:57.404 something that we can do in a pretty
NOTE Confidence: 0.9311872
00:16:57.404 --> 00:16:58.922 automated fashion for both the
NOTE Confidence: 0.9311872
00:16:58.922 --> 00:17:00.776 aliquotting as well as manifest generation,
NOTE Confidence: 0.9311872
00:17:00.780 --> 00:17:02.265 we have an additional three
NOTE Confidence: 0.9311872

00:17:02.265 --> 00:17:03.453 negative 80 degree freezers,
NOTE Confidence: 0.9311872

00:17:03.460 --> 00:17:05.820 a -20 degree freezer refrigerator.
NOTE Confidence: 0.9311872

00:17:05.820 --> 00:17:08.560 We have refrigerated and room
NOTE Confidence: 0.9311872

00:17:08.560 --> 00:17:09.656 temperature centrifuges,
NOTE Confidence: 0.9311872

00:17:09.660 --> 00:17:10.635 the plate scanners.
NOTE Confidence: 0.9311872

00:17:10.635 --> 00:17:12.585 We also have a cell counter
NOTE Confidence: 0.9311872

00:17:12.585 --> 00:17:14.960 to assist with a pre and post
NOTE Confidence: 0.9311872

00:17:14.960 --> 00:17:16.464 processing cell counts for PDMC's.
NOTE Confidence: 0.9311872

00:17:16.464 --> 00:17:18.416 And so all of that's already in place
NOTE Confidence: 0.9311872

00:17:18.416 --> 00:17:20.122 which means that for new projects
NOTE Confidence: 0.9311872

00:17:20.122 --> 00:17:21.532 that use our existing services,
NOTE Confidence: 0.9311872

00:17:21.540 --> 00:17:23.172 something that we can usually get
NOTE Confidence: 0.9311872

00:17:23.172 --> 00:17:25.130 set up and start pretty quickly.
NOTE Confidence: 0.9311872

00:17:25.130 --> 00:17:25.610 Next slide
NOTE Confidence: 0.9333926

00:17:28.410 --> 00:17:29.946 that integration then we are pretty
NOTE Confidence: 0.9333926

00:17:29.946 --> 00:17:31.490 well integrated with the J dot team.

NOTE Confidence: 0.9333926
00:17:31.490 --> 00:17:33.326 So once we do get biospecimens,
NOTE Confidence: 0.9333926
00:17:33.330 --> 00:17:35.754 we are able to return through
NOTE Confidence: 0.9333926
00:17:35.754 --> 00:17:37.370 the biorepository some limited
NOTE Confidence: 0.9333926
00:17:37.444 --> 00:17:39.130 information demographics,
NOTE Confidence: 0.9333926
00:17:39.130 --> 00:17:40.438 certain laboratory test results,
NOTE Confidence: 0.9333926
00:17:40.438 --> 00:17:42.073 things that are directly related
NOTE Confidence: 0.9333926
00:17:42.073 --> 00:17:43.548 to your patient population
NOTE Confidence: 0.9333926
00:17:43.548 --> 00:17:45.004 or your phenotype definition.
NOTE Confidence: 0.9333926
00:17:45.010 --> 00:17:46.822 If we are pulling those specimens
NOTE Confidence: 0.9333926
00:17:46.822 --> 00:17:48.894 in real time for larger or
NOTE Confidence: 0.9333926
00:17:48.894 --> 00:17:50.446 more complex data requests,
NOTE Confidence: 0.9333926
00:17:50.450 --> 00:17:52.375 we can help work with Jada to
NOTE Confidence: 0.9333926
00:17:52.375 --> 00:17:53.639 supply them the deidentified
NOTE Confidence: 0.9333926
00:17:53.639 --> 00:17:55.877 list of biospecimens which we can
NOTE Confidence: 0.9333926
00:17:55.877 --> 00:17:58.234 then link back to the rest of
NOTE Confidence: 0.9333926

00:17:58.234 --> 00:17:59.992 the clinical data within EPIC and
NOTE Confidence: 0.9333926

00:18:00.000 --> 00:18:01.268 the electronic health records.
NOTE Confidence: 0.9333926

00:18:01.268 --> 00:18:04.046 So allows us to do this when you do
NOTE Confidence: 0.9333926

00:18:04.046 --> 00:18:05.936 have say an exemption from the IRB
NOTE Confidence: 0.9333926

00:18:06.002 --> 00:18:07.868 to get this clinical excess specimens
NOTE Confidence: 0.9333926

00:18:07.868 --> 00:18:09.880 where we can do that deidentified
NOTE Confidence: 0.9333926

00:18:09.880 --> 00:18:12.160 with a a waiver of consent,
NOTE Confidence: 0.9333926

00:18:12.160 --> 00:18:14.085 but still supply clinical data on the
NOTE Confidence: 0.9333926

00:18:14.085 --> 00:18:16.294 back end of that without needing to
NOTE Confidence: 0.9333926

00:18:16.294 --> 00:18:18.680 do additional IRB approvals or work there.
NOTE Confidence: 0.9333926

00:18:18.680 --> 00:18:20.732 So something that we've done again
NOTE Confidence: 0.9333926

00:18:20.732 --> 00:18:23.561 for a number projects and is a pretty
NOTE Confidence: 0.9333926

00:18:23.561 --> 00:18:25.301 fluent process depending primarily on
NOTE Confidence: 0.9333926

00:18:25.301 --> 00:18:27.279 the complexity of the data request
NOTE Confidence: 0.9333926

00:18:27.279 --> 00:18:30.004 and how busy JDOT is at any given time,
NOTE Confidence: 0.9333926

00:18:30.004 --> 00:18:31.750 but something that we can augment

NOTE Confidence: 0.9333926

00:18:31.814 --> 00:18:33.634 internally at least for key

NOTE Confidence: 0.9333926

00:18:33.634 --> 00:18:35.090 variables that investigators may

NOTE Confidence: 0.9333926

00:18:35.090 --> 00:18:37.197 need for their research or studies.

NOTE Confidence: 0.9333926

00:18:37.200 --> 00:18:37.720 Next slide,

NOTE Confidence: 0.9321822

00:18:39.880 --> 00:18:42.088 specimens process today to get these

NOTE Confidence: 0.9321822

00:18:42.088 --> 00:18:43.560 were primarily COVID initially.

NOTE Confidence: 0.9321822

00:18:43.560 --> 00:18:46.440 We've now done somewhere around 50,000,

NOTE Confidence: 0.9321822

00:18:46.440 --> 00:18:49.674 maybe 75,000 non COVID aliquots as well.

NOTE Confidence: 0.9321822

00:18:49.680 --> 00:18:54.034 From those we processed 400,000 have about

NOTE Confidence: 0.9321822

00:18:54.040 --> 00:18:56.464 275,000 in storage and one of the exciting

NOTE Confidence: 0.9321822

00:18:56.464 --> 00:18:58.560 things for me is that we've actually

NOTE Confidence: 0.9321822

00:18:58.560 --> 00:19:00.918 touched about 80% of those specimens.

NOTE Confidence: 0.9321822

00:19:00.920 --> 00:19:02.800 So not necessarily every Aliquot,

NOTE Confidence: 0.9321822

00:19:02.800 --> 00:19:05.096 but we have had follow up or use

NOTE Confidence: 0.9321822

00:19:05.096 --> 00:19:07.250 of about 80% of those specimens

NOTE Confidence: 0.9321822

00:19:07.250 --> 00:19:08.970 in actual research projects,
NOTE Confidence: 0.9321822

00:19:08.970 --> 00:19:10.100 many of which have already
NOTE Confidence: 0.9321822

00:19:10.100 --> 00:19:11.004 had publications go out.
NOTE Confidence: 0.9321822

00:19:11.010 --> 00:19:12.510 So something where these aren't
NOTE Confidence: 0.9321822

00:19:12.510 --> 00:19:14.310 just specimens going to live in
NOTE Confidence: 0.9321822

00:19:14.310 --> 00:19:15.810 the freezer for the next decade,
NOTE Confidence: 0.9321822

00:19:15.810 --> 00:19:18.186 but something that is really integrated
NOTE Confidence: 0.9321822

00:19:18.186 --> 00:19:20.169 into those research pipelines and
NOTE Confidence: 0.9321822

00:19:20.169 --> 00:19:21.834 generating research activities on the
NOTE Confidence: 0.9321822

00:19:21.834 --> 00:19:24.610 other end and in a pretty rapid timeline.
NOTE Confidence: 0.9321822

00:19:24.610 --> 00:19:27.100 Next slide,
NOTE Confidence: 0.9321822

00:19:27.100 --> 00:19:28.740 some of the examples of that for some
NOTE Confidence: 0.9321822

00:19:28.740 --> 00:19:30.460 of our clinical assay validations.
NOTE Confidence: 0.9321822

00:19:30.460 --> 00:19:32.284 One of those actually included a
NOTE Confidence: 0.9321822

00:19:32.284 --> 00:19:33.913 manuscript as well for validating
NOTE Confidence: 0.9321822

00:19:33.913 --> 00:19:35.683 our COVID antibody assays earlier

NOTE Confidence: 0.9321822

00:19:35.683 --> 00:19:37.099 on in the pandemic.

NOTE Confidence: 0.9321822

00:19:37.100 --> 00:19:39.252 Some of the others that we've done with

NOTE Confidence: 0.9321822

00:19:39.252 --> 00:19:40.936 the chemistry lab included identification

NOTE Confidence: 0.9321822

00:19:40.936 --> 00:19:43.126 of urine interferences for urine PCP

NOTE Confidence: 0.9321822

00:19:43.126 --> 00:19:45.340 testing as well as looking at that

NOTE Confidence: 0.9321822

00:19:45.340 --> 00:19:46.536 amlodipine stability and plasma,

NOTE Confidence: 0.9321822

00:19:46.540 --> 00:19:48.487 which is one of those where we

NOTE Confidence: 0.9321822

00:19:48.487 --> 00:19:50.303 really had to be able to get those

NOTE Confidence: 0.9321822

00:19:50.303 --> 00:19:51.790 specimens quickly because of the

NOTE Confidence: 0.9321822

00:19:51.790 --> 00:19:53.295 possible ability of that analyte.

NOTE Confidence: 0.9321822

00:19:53.300 --> 00:19:55.484 And then the last one was using many

NOTE Confidence: 0.9321822

00:19:55.484 --> 00:19:58.073 of our COVID NP swabs to validate

NOTE Confidence: 0.9321822

00:19:58.073 --> 00:19:59.653 in house COVID-19 sequencing,

NOTE Confidence: 0.9321822

00:19:59.660 --> 00:20:01.264 primarily within lab medicine,

NOTE Confidence: 0.9321822

00:20:01.264 --> 00:20:03.269 but also supplying specimens for

NOTE Confidence: 0.9321822

00:20:03.269 --> 00:20:05.154 Nate Kruba in epidemiology as

NOTE Confidence: 0.9321822

00:20:05.154 --> 00:20:06.924 well as anatomic pathology for

NOTE Confidence: 0.9321822

00:20:06.924 --> 00:20:08.819 some of those state contracts.

NOTE Confidence: 0.9321822

00:20:08.820 --> 00:20:10.940 Next slide.

NOTE Confidence: 0.9321822

00:20:10.940 --> 00:20:11.171 More,

NOTE Confidence: 0.9321822

00:20:11.171 --> 00:20:12.788 this is a little bit more on

NOTE Confidence: 0.9321822

00:20:12.788 --> 00:20:14.540 that EIP program for Nate Kruba.

NOTE Confidence: 0.9321822

00:20:14.540 --> 00:20:17.452 So this is where we've been ongoing

NOTE Confidence: 0.9321822

00:20:17.452 --> 00:20:19.887 providing specimens for SARS Co V2

NOTE Confidence: 0.9321822

00:20:19.887 --> 00:20:21.580 sequencing that continues today.

NOTE Confidence: 0.9321822

00:20:21.580 --> 00:20:23.780 In addition to that epidemiologic

NOTE Confidence: 0.9321822

00:20:23.780 --> 00:20:25.670 surveillance that's now I think up

NOTE Confidence: 0.9321822

00:20:25.670 --> 00:20:27.120 to seven manuscripts published in

NOTE Confidence: 0.9321822

00:20:27.176 --> 00:20:29.012 another three or four in preprints

NOTE Confidence: 0.9321822

00:20:29.012 --> 00:20:31.134 or something that's had a a lot

NOTE Confidence: 0.9321822

00:20:31.134 --> 00:20:32.288 of academic productivity from

NOTE Confidence: 0.9321822

00:20:32.288 --> 00:20:34.136 being able to get those specimens,

NOTE Confidence: 0.9321822

00:20:34.140 --> 00:20:36.500 supply the associated clinical data

NOTE Confidence: 0.9321822

00:20:36.500 --> 00:20:38.318 then with a really a lot of great work

NOTE Confidence: 0.9321822

00:20:38.318 --> 00:20:40.273 by Nate's lab to do the the basic

NOTE Confidence: 0.9321822

00:20:40.273 --> 00:20:41.634 science and public Health Science

NOTE Confidence: 0.9321822

00:20:41.634 --> 00:20:43.374 on on top of those biospecimens.

NOTE Confidence: 0.9321822

00:20:43.380 --> 00:20:44.540 Afterwards,

NOTE Confidence: 0.9321822

00:20:44.540 --> 00:20:48.340 next slide in terms of requesting access,

NOTE Confidence: 0.9321822

00:20:48.340 --> 00:20:50.492 so there is a Red Cap site where

NOTE Confidence: 0.9321822

00:20:50.492 --> 00:20:52.778 you can submit a project request.

NOTE Confidence: 0.9321822

00:20:52.780 --> 00:20:55.377 That link to Red Cap is also

NOTE Confidence: 0.9321822

00:20:55.377 --> 00:20:57.180 on our biorepository website.

NOTE Confidence: 0.9321822

00:20:57.180 --> 00:20:59.100 The link for that's down on the bottom.

NOTE Confidence: 0.9321822

00:20:59.100 --> 00:21:00.940 So the bottom link has the link to

NOTE Confidence: 0.9321822

00:21:00.940 --> 00:21:02.700 the request form all of our services,

NOTE Confidence: 0.9321822

00:21:02.700 --> 00:21:05.160 our pricing and contact information.
NOTE Confidence: 0.9321822

00:21:05.160 --> 00:21:06.648 The general flow of this starts
NOTE Confidence: 0.9321822

00:21:06.648 --> 00:21:07.640 in the top left.
NOTE Confidence: 0.9321822

00:21:07.640 --> 00:21:09.830 So you submit the request on
NOTE Confidence: 0.9321822

00:21:09.830 --> 00:21:12.440 Red Cap within a week at most.
NOTE Confidence: 0.9321822

00:21:12.440 --> 00:21:13.754 David or Keen will then reach
NOTE Confidence: 0.9321822

00:21:13.754 --> 00:21:15.654 out to you to see if there's
NOTE Confidence: 0.9321822

00:21:15.654 --> 00:21:17.274 additional information that we need,
NOTE Confidence: 0.9321822

00:21:17.280 --> 00:21:19.200 if there's an IRB in place,
NOTE Confidence: 0.9321822

00:21:19.200 --> 00:21:21.174 at which point we will then work
NOTE Confidence: 0.9321822

00:21:21.174 --> 00:21:22.987 through what does the specimen
NOTE Confidence: 0.9321822

00:21:22.987 --> 00:21:24.427 acquisition SOP look like.
NOTE Confidence: 0.9321822

00:21:24.427 --> 00:21:26.730 So as we get specimens either from
NOTE Confidence: 0.9321822

00:21:26.730 --> 00:21:29.050 excess specimens or consented patients,
NOTE Confidence: 0.9321822

00:21:29.050 --> 00:21:31.010 what do we need to do in
NOTE Confidence: 0.9321822

00:21:31.010 --> 00:21:31.850 the biorepository for

NOTE Confidence: 0.93495023

00:21:31.919 --> 00:21:33.689 processing stability storage.

NOTE Confidence: 0.93495023

00:21:33.690 --> 00:21:35.730 Once we know that we can generate an

NOTE Confidence: 0.93495023

00:21:35.730 --> 00:21:37.450 estimate given our current pricing and

NOTE Confidence: 0.93495023

00:21:37.450 --> 00:21:39.490 then agree to a project initiation time.

NOTE Confidence: 0.93495023

00:21:39.490 --> 00:21:41.315 And we've done this successfully

NOTE Confidence: 0.93495023

00:21:41.315 --> 00:21:43.516 now for over probably over 25

NOTE Confidence: 0.93495023

00:21:43.516 --> 00:21:45.679 projects at this point over the last

NOTE Confidence: 0.93495023

00:21:45.679 --> 00:21:47.727 since just November of last year.

NOTE Confidence: 0.93495023

00:21:47.730 --> 00:21:49.494 So something that we can get

NOTE Confidence: 0.93495023

00:21:49.494 --> 00:21:50.790 started usually pretty quickly

NOTE Confidence: 0.93495023

00:21:50.790 --> 00:21:52.930 and scale up as needed. Next line

NOTE Confidence: 0.93495023

00:21:54.810 --> 00:21:55.290 and that is it.

NOTE Confidence: 0.9217577

00:21:57.240 --> 00:21:59.291 So yeah, happy to take any questions

NOTE Confidence: 0.9217577

00:21:59.291 --> 00:22:01.512 or Dr. Lu, if you had any other

NOTE Confidence: 0.9217577

00:22:01.512 --> 00:22:02.920 comments to start with. OK,

NOTE Confidence: 0.9217577

00:22:02.920 --> 00:22:04.950 thanks Wait. So now both of me
NOTE Confidence: 0.9217577

00:22:04.950 --> 00:22:06.927 and Wade are here And really
NOTE Confidence: 0.9217577

00:22:06.927 --> 00:22:08.997 to answer a question from you,
NOTE Confidence: 0.9217577

00:22:11.560 --> 00:22:15.440 if you have just unmute and ask the question,
NOTE Confidence: 0.9217577

00:22:19.200 --> 00:22:20.796 are you gonna make the slides available?
NOTE Confidence: 0.9217577

00:22:21.400 --> 00:22:24.398 Yes, it will be posted on, on our website.
NOTE Confidence: 0.93314606

00:22:26.190 --> 00:22:28.367 Yep, the slides as well as a
NOTE Confidence: 0.93314606

00:22:28.367 --> 00:22:30.510 recording of the presentation. Great.
NOTE Confidence: 0.93314606

00:22:30.510 --> 00:22:31.866 Thank you both for the information.
NOTE Confidence: 0.93314606

00:22:31.870 --> 00:22:32.938 This is really helpful.
NOTE Confidence: 0.93314606

00:22:32.938 --> 00:22:34.540 I have a question for you
NOTE Confidence: 0.93314606

00:22:34.597 --> 00:22:36.212 about collecting specimens,
NOTE Confidence: 0.93314606

00:22:36.212 --> 00:22:39.567 specimens from patients in clinic
NOTE Confidence: 0.93314606

00:22:39.567 --> 00:22:42.382 like at different clinic sites rather
NOTE Confidence: 0.93314606

00:22:42.382 --> 00:22:44.590 than say the OR from pathology,
NOTE Confidence: 0.93314606

00:22:44.590 --> 00:22:45.232 archival tissue.

NOTE Confidence: 0.93314606
00:22:45.232 --> 00:22:46.837 Is there experience with that
NOTE Confidence: 0.93314606
00:22:46.837 --> 00:22:48.800 or how does that normally go?
NOTE Confidence: 0.93314606
00:22:48.800 --> 00:22:49.374 Yeah, absolutely.
NOTE Confidence: 0.93314606
00:22:49.374 --> 00:22:51.670 And so it depends on where the clinic
NOTE Confidence: 0.93314606
00:22:51.725 --> 00:22:53.417 is at primarily depending on how
NOTE Confidence: 0.93314606
00:22:53.417 --> 00:22:55.120 quickly you need them processed.
NOTE Confidence: 0.93314606
00:22:55.120 --> 00:22:55.976 We do, we are,
NOTE Confidence: 0.93314606
00:22:55.976 --> 00:22:57.708 we are able to use our existing
NOTE Confidence: 0.93314606
00:22:57.708 --> 00:23:00.036 Courier services across the New Haven.
NOTE Confidence: 0.93314606
00:23:00.040 --> 00:23:02.596 So if a clinic is has a Courier that
NOTE Confidence: 0.93314606
00:23:02.596 --> 00:23:05.355 is bringing samples to the main lab,
NOTE Confidence: 0.93314606
00:23:05.360 --> 00:23:06.920 we can piggyback off of that.
NOTE Confidence: 0.93314606
00:23:06.920 --> 00:23:09.395 And as long as there isn't a stability issue,
NOTE Confidence: 0.93314606
00:23:09.400 --> 00:23:10.620 there's no extra cost.
NOTE Confidence: 0.93314606
00:23:10.620 --> 00:23:12.450 As long as those go routine
NOTE Confidence: 0.93314606

00:23:12.450 --> 00:23:13.610 for other clinic sites,
NOTE Confidence: 0.93314606

00:23:13.610 --> 00:23:16.090 we can set up dedicated careers if necessary.
NOTE Confidence: 0.93314606

00:23:16.090 --> 00:23:17.833 That actually ended up being far cheaper
NOTE Confidence: 0.93314606

00:23:17.833 --> 00:23:19.489 than I thought it was going to be.
NOTE Confidence: 0.93314606

00:23:19.490 --> 00:23:22.220 So the price varies depending
NOTE Confidence: 0.93314606

00:23:22.220 --> 00:23:25.290 on how far they're going and on
NOTE Confidence: 0.93314606

00:23:25.290 --> 00:23:27.848 whether it's a scheduled or a stat,
NOTE Confidence: 0.93314606

00:23:27.850 --> 00:23:30.322 but something that we can set
NOTE Confidence: 0.93314606

00:23:30.322 --> 00:23:32.644 up for dedicated careers and we
NOTE Confidence: 0.93314606

00:23:32.644 --> 00:23:35.340 have done that as well for even a
NOTE Confidence: 0.93314606

00:23:35.427 --> 00:23:38.205 couple of sites over by Greenwich
NOTE Confidence: 0.93314606

00:23:38.210 --> 00:23:39.926 in terms of the collection for
NOTE Confidence: 0.93314606

00:23:39.926 --> 00:23:42.352 that there is we actually have a
NOTE Confidence: 0.93314606

00:23:42.352 --> 00:23:44.396 dedicated research order within EPIC.
NOTE Confidence: 0.93314606

00:23:44.396 --> 00:23:46.461 And so if that's something
NOTE Confidence: 0.93314606

00:23:46.461 --> 00:23:47.970 that you're interested in,

NOTE Confidence: 0.93314606

00:23:47.970 --> 00:23:50.568 just fill out the project request and

NOTE Confidence: 0.93314606

00:23:50.568 --> 00:23:53.070 David or Keen can work with you to go

NOTE Confidence: 0.93314606

00:23:53.146 --> 00:23:55.729 through the details of what's the IRB.

NOTE Confidence: 0.93314606

00:23:55.730 --> 00:23:57.788 How can this get ordered when those

NOTE Confidence: 0.93314606

00:23:57.788 --> 00:23:59.492 research labels get applied to the

NOTE Confidence: 0.93314606

00:23:59.492 --> 00:24:01.284 tube and brought to the main lab,

NOTE Confidence: 0.93314606

00:24:01.290 --> 00:24:03.665 those moved directly to the

NOTE Confidence: 0.93314606

00:24:03.665 --> 00:24:05.321 biorepository from accessioning and

NOTE Confidence: 0.93314606

00:24:05.321 --> 00:24:07.169 you have to type in your HIC number.

NOTE Confidence: 0.93314606

00:24:07.170 --> 00:24:09.494 So that's how we then say this

NOTE Confidence: 0.93314606

00:24:09.494 --> 00:24:10.998 specimen belongs to your study

NOTE Confidence: 0.93314606

00:24:10.998 --> 00:24:12.268 versus somebody else and then

NOTE Confidence: 0.93314606

00:24:12.268 --> 00:24:13.700 we follow the appropriate SFP

NOTE Confidence: 0.93314606

00:24:13.700 --> 00:24:15.245 based off of that designation.

NOTE Confidence: 0.92901945

00:24:17.490 --> 00:24:20.375 Yeah. Thanks Diane for Diane has

NOTE Confidence: 0.92901945

00:24:20.375 --> 00:24:23.050 you know put a you know chat
NOTE Confidence: 0.92901945

00:24:23.050 --> 00:24:24.450 a message on the chat.
NOTE Confidence: 0.92901945

00:24:24.450 --> 00:24:26.445 Yes, the how to access the site,
NOTE Confidence: 0.92901945

00:24:26.450 --> 00:24:29.816 you know so we just did that and actually
NOTE Confidence: 0.92901945

00:24:29.816 --> 00:24:31.920 if you just search under Google,
NOTE Confidence: 0.92901945

00:24:31.920 --> 00:24:34.160 is that why I sent by repository,
NOTE Confidence: 0.92901945

00:24:34.160 --> 00:24:35.024 it will show up.
NOTE Confidence: 0.92901945

00:24:35.024 --> 00:24:36.640 It would link you to the site.
NOTE Confidence: 0.92901945

00:24:36.640 --> 00:24:38.222 It is under school, year, school.
NOTE Confidence: 0.92901945

00:24:38.222 --> 00:24:39.794 I wasn't asking about the site.
NOTE Confidence: 0.92901945

00:24:39.800 --> 00:24:41.240 I was asking about the recording.
NOTE Confidence: 0.9336399

00:24:41.640 --> 00:24:43.232 Yeah. So the we'll we'll put a link
NOTE Confidence: 0.9336399

00:24:43.232 --> 00:24:44.784 to the recording and the presentation
NOTE Confidence: 0.9336399

00:24:44.784 --> 00:24:46.434 on on that website for you.
NOTE Confidence: 0.9336399

00:24:47.240 --> 00:24:49.040 Thank you. And by repository
NOTE Confidence: 0.9336399

00:24:49.040 --> 00:24:49.720 website. Thank you

NOTE Confidence: 0.9336399
00:24:49.920 --> 00:24:53.077 exactly. Yeah. It'll be a new link
NOTE Confidence: 0.9336399
00:24:53.080 --> 00:24:54.754 that they'll add on hopefully by
NOTE Confidence: 0.9336399
00:24:54.754 --> 00:24:56.600 my guess would be by Thursday.
NOTE Confidence: 0.9336399
00:24:56.600 --> 00:24:57.480 They're usually pretty quick.
NOTE Confidence: 0.9336399
00:24:57.520 --> 00:24:58.678 Understood. Thanks. Yep,
NOTE Confidence: 0.9320278
00:25:02.790 --> 00:25:04.828 other question, sorry. I have
NOTE Confidence: 0.9320278
00:25:04.828 --> 00:25:06.184 one more more question for you
NOTE Confidence: 0.9320278
00:25:08.310 --> 00:25:09.765 regarding archival tissue
NOTE Confidence: 0.9320278
00:25:09.765 --> 00:25:11.705 that's already been collected.
NOTE Confidence: 0.9320278
00:25:11.710 --> 00:25:14.154 Is there a mechanism by which we
NOTE Confidence: 0.9320278
00:25:14.154 --> 00:25:17.160 can request specific like a specific
NOTE Confidence: 0.9320278
00:25:17.253 --> 00:25:20.026 patient or a specific sort of
NOTE Confidence: 0.9320278
00:25:20.026 --> 00:25:22.894 specific pathology that we kind of
NOTE Confidence: 0.9320278
00:25:22.894 --> 00:25:25.754 point out from from clinical sort of
NOTE Confidence: 0.9320278
00:25:25.754 --> 00:25:28.268 record review or is this more like
NOTE Confidence: 0.9320278

00:25:28.268 --> 00:25:30.428 of a broad kind of a broad platform
NOTE Confidence: 0.9320278

00:25:30.428 --> 00:25:32.332 like saying oh you know we want a
NOTE Confidence: 0.9320278

00:25:32.332 --> 00:25:34.067 liver tumor or something like this.
NOTE Confidence: 0.93218905

00:25:35.070 --> 00:25:37.590 Yes, I mean I can take this question.
NOTE Confidence: 0.93218905

00:25:37.590 --> 00:25:39.030 I think wait will tell you,
NOTE Confidence: 0.93218905

00:25:39.030 --> 00:25:40.830 you know if you want,
NOTE Confidence: 0.93218905

00:25:40.830 --> 00:25:44.400 yes in the way there is a way to do
NOTE Confidence: 0.93218905

00:25:44.502 --> 00:25:47.262 that because we just want to need
NOTE Confidence: 0.93218905

00:25:47.262 --> 00:25:49.790 to know what exactly what's your
NOTE Confidence: 0.93218905

00:25:49.790 --> 00:25:52.450 you know what is your need right.
NOTE Confidence: 0.93218905

00:25:52.450 --> 00:25:54.610 Because we want to know is you are certain,
NOTE Confidence: 0.93218905

00:25:54.610 --> 00:25:56.339 you know you as you mentioned the
NOTE Confidence: 0.93218905

00:25:56.339 --> 00:25:58.709 minus then is like you want to search
NOTE Confidence: 0.93218905

00:25:58.709 --> 00:26:00.284 a certain specific patients material
NOTE Confidence: 0.93218905

00:26:00.290 --> 00:26:02.468 and then we can just work with you and
NOTE Confidence: 0.93218905

00:26:02.468 --> 00:26:04.397 then identify those tissue and the

NOTE Confidence: 0.93218905

00:26:04.397 --> 00:26:06.697 specimen assume and you know you have

NOTE Confidence: 0.93218905

00:26:06.697 --> 00:26:08.521 the IRB cover that because otherwise

NOTE Confidence: 0.93218905

00:26:08.521 --> 00:26:12.248 you know we won't be able to go to

NOTE Confidence: 0.93218905

00:26:12.248 --> 00:26:14.618 specific patient without adequate IRP.

NOTE Confidence: 0.93218905

00:26:14.620 --> 00:26:16.816 We can give you a generous stuff we cannot

NOTE Confidence: 0.93218905

00:26:16.816 --> 00:26:18.697 right to give you a specific patient.

NOTE Confidence: 0.93218905

00:26:18.700 --> 00:26:21.500 But If however if you have your IRP,

NOTE Confidence: 0.93218905

00:26:21.500 --> 00:26:22.844 so that's why you know when

NOTE Confidence: 0.93218905

00:26:22.844 --> 00:26:24.379 we to show the flow chart,

NOTE Confidence: 0.93218905

00:26:24.380 --> 00:26:26.117 we know we have an IRP and then we

NOTE Confidence: 0.93218905

00:26:26.117 --> 00:26:28.236 can help you to identify those tissue

NOTE Confidence: 0.93218905

00:26:28.236 --> 00:26:30.094 specimen and then certainly we'll see

NOTE Confidence: 0.93218905

00:26:30.094 --> 00:26:32.334 what's available and then you can get access.

NOTE Confidence: 0.93218905

00:26:32.340 --> 00:26:34.020 So I advice the way to do it,

NOTE Confidence: 0.93218905

00:26:34.020 --> 00:26:36.148 it costs you nothing is you just go

NOTE Confidence: 0.93218905

00:26:36.148 --> 00:26:38.348 to the website, there is a request.
NOTE Confidence: 0.93218905

00:26:38.348 --> 00:26:39.980 The Red Cap site is very,
NOTE Confidence: 0.93218905

00:26:39.980 --> 00:26:41.648 you know, very straightforward.
NOTE Confidence: 0.93218905

00:26:41.648 --> 00:26:43.733 You click that give you,
NOTE Confidence: 0.93218905

00:26:43.740 --> 00:26:45.630 you know give us your contact
NOTE Confidence: 0.93218905

00:26:45.630 --> 00:26:47.560 information and one of you know
NOTE Confidence: 0.93218905

00:26:47.560 --> 00:26:49.378 either King or David will talk,
NOTE Confidence: 0.93218905

00:26:49.380 --> 00:26:51.290 will will actually contact you
NOTE Confidence: 0.93218905

00:26:51.290 --> 00:26:54.180 and then you can explain to them
NOTE Confidence: 0.93218905

00:26:54.180 --> 00:26:56.300 the details what you want.
NOTE Confidence: 0.93218905

00:26:56.300 --> 00:26:58.020 So wait, did you have anything to add?
NOTE Confidence: 0.9309965

00:26:58.520 --> 00:27:00.680 Yeah. So yeah, I agree with all of that.
NOTE Confidence: 0.9309965

00:27:00.680 --> 00:27:03.584 And so whether you have an existing list
NOTE Confidence: 0.9309965

00:27:03.584 --> 00:27:06.477 of patients or a clinic or a disease type,
NOTE Confidence: 0.9309965

00:27:06.480 --> 00:27:08.155 all of those are potentially
NOTE Confidence: 0.9309965

00:27:08.155 --> 00:27:10.635 options by which we can look at

NOTE Confidence: 0.9309965

00:27:10.635 --> 00:27:12.475 archive tissue and find matches.

NOTE Confidence: 0.9309965

00:27:12.480 --> 00:27:14.419 If it is something that is more

NOTE Confidence: 0.9309965

00:27:14.419 --> 00:27:16.219 prospective of you need fresh tissue

NOTE Confidence: 0.9309965

00:27:16.219 --> 00:27:18.347 moving forward based off of a disease

NOTE Confidence: 0.9309965

00:27:18.411 --> 00:27:20.235 or a clinic or specific patients,

NOTE Confidence: 0.9309965

00:27:20.240 --> 00:27:22.220 then we just have to work

NOTE Confidence: 0.9309965

00:27:22.220 --> 00:27:23.720 through those workflow pieces of

NOTE Confidence: 0.9309965

00:27:23.720 --> 00:27:25.332 IRB who's doing consenting.

NOTE Confidence: 0.9309965

00:27:25.332 --> 00:27:27.750 We can sometimes support some of

NOTE Confidence: 0.9309965

00:27:27.824 --> 00:27:29.604 the consent aspect depending on

NOTE Confidence: 0.9309965

00:27:29.604 --> 00:27:32.130 the the scope and the timelines.

NOTE Confidence: 0.9309965

00:27:32.130 --> 00:27:32.841 But in general,

NOTE Confidence: 0.9309965

00:27:32.841 --> 00:27:34.851 all of them are options and for the

NOTE Confidence: 0.9309965

00:27:34.851 --> 00:27:36.923 specific use case like Doctor Lu mentioned,

NOTE Confidence: 0.9309965

00:27:36.930 --> 00:27:38.376 fill out the request form and

NOTE Confidence: 0.9309965

00:27:38.376 --> 00:27:40.845 we can get a better idea of your
NOTE Confidence: 0.9309965

00:27:40.845 --> 00:27:42.878 project specifically and what the
NOTE Confidence: 0.9309965

00:27:42.878 --> 00:27:45.248 best approach would ultimately be.
NOTE Confidence: 0.9309965

00:27:45.250 --> 00:27:46.742 All right, Thank you.
NOTE Confidence: 0.9309965

00:27:46.742 --> 00:27:47.792 I appreciate it.
NOTE Confidence: 0.9309965

00:27:47.792 --> 00:27:49.906 And then somebody else had a question
NOTE Confidence: 0.9309965

00:27:49.906 --> 00:27:51.594 about PBMC's from healthy donors.
NOTE Confidence: 0.9309965

00:27:51.594 --> 00:27:54.310 So we do not currently bank routinely
NOTE Confidence: 0.9309965

00:27:54.310 --> 00:27:58.505 like a healthy donor pool of blood or PBMC's.
NOTE Confidence: 0.9309965

00:27:58.505 --> 00:28:00.705 It's something that we are looking at doing,
NOTE Confidence: 0.9309965

00:28:00.710 --> 00:28:02.630 the challenge being that healthy donor.
NOTE Confidence: 0.9309965

00:28:02.630 --> 00:28:04.035 The definition varies a little
NOTE Confidence: 0.9309965

00:28:04.035 --> 00:28:05.790 bit sometimes based on the study.
NOTE Confidence: 0.9309965

00:28:05.790 --> 00:28:09.470 But if that is a need to get PBMC's from
NOTE Confidence: 0.9309965

00:28:09.470 --> 00:28:12.110 your definition of healthy individuals,
NOTE Confidence: 0.9309965

00:28:12.110 --> 00:28:13.776 that is something that we can also

NOTE Confidence: 0.9309965

00:28:13.776 --> 00:28:15.449 work through and figure out what would

NOTE Confidence: 0.9309965

00:28:15.449 --> 00:28:17.430 a process look like and how could we

NOTE Confidence: 0.9309965

00:28:17.430 --> 00:28:19.390 acquire those specimens for a specific study.

NOTE Confidence: 0.9179455

00:28:25.050 --> 00:28:27.126 I'm Sandri, I have a question,

NOTE Confidence: 0.9179455

00:28:27.130 --> 00:28:30.100 I'm from data at research department.

NOTE Confidence: 0.9179455

00:28:30.100 --> 00:28:33.700 So a lot of times we get question

NOTE Confidence: 0.9179455

00:28:33.700 --> 00:28:37.658 on like you know who can we get a

NOTE Confidence: 0.9179455

00:28:37.658 --> 00:28:40.370 list of people who have provided

NOTE Confidence: 0.9179455

00:28:40.370 --> 00:28:42.295 who are from the biobank and then

NOTE Confidence: 0.9179455

00:28:42.295 --> 00:28:44.408 like you know data related to them.

NOTE Confidence: 0.9179455

00:28:44.410 --> 00:28:48.226 So is there like you know do you

NOTE Confidence: 0.9179455

00:28:48.226 --> 00:28:51.362 provide access to JDAD so we can

NOTE Confidence: 0.9179455

00:28:51.370 --> 00:28:53.722 know like you know who are because

NOTE Confidence: 0.9179455

00:28:53.722 --> 00:28:55.617 often what happens is like you

NOTE Confidence: 0.9179455

00:28:55.617 --> 00:28:57.528 know we have a requester who is

NOTE Confidence: 0.9179455

00:28:57.592 --> 00:29:00.242 looking for their patients with some
NOTE Confidence: 0.9179455

00:29:00.242 --> 00:29:03.170 condition and then not everybody has
NOTE Confidence: 0.9179455

00:29:03.250 --> 00:29:06.550 some you know in the biobank has a
NOTE Confidence: 0.9179455

00:29:06.550 --> 00:29:08.450 specimen or anything in the biobank.
NOTE Confidence: 0.9179455

00:29:08.450 --> 00:29:10.640 So they are looking for specifically
NOTE Confidence: 0.9179455

00:29:10.640 --> 00:29:12.821 for patients who have some specimens
NOTE Confidence: 0.9179455

00:29:12.821 --> 00:29:14.783 in the biobank and there is
NOTE Confidence: 0.9179455

00:29:14.783 --> 00:29:16.830 more data associated with that.
NOTE Confidence: 0.9179455

00:29:16.830 --> 00:29:18.147 So does JDAT,
NOTE Confidence: 0.9179455

00:29:18.147 --> 00:29:21.220 can JDAT have access to any table
NOTE Confidence: 0.9179455

00:29:21.317 --> 00:29:24.973 at least like you know where we can
NOTE Confidence: 0.9179455

00:29:24.973 --> 00:29:27.308 directly refer and know that you know,
NOTE Confidence: 0.9179455

00:29:27.310 --> 00:29:30.026 OK these are the patients who have
NOTE Confidence: 0.9179455

00:29:30.026 --> 00:29:32.783 some specimens and you know whatever
NOTE Confidence: 0.9179455

00:29:32.783 --> 00:29:35.795 specimen it is like some top level
NOTE Confidence: 0.9179455

00:29:35.795 --> 00:29:37.860 table like you know I'm not going

NOTE Confidence: 0.9179455

00:29:37.923 --> 00:29:40.310 into very detailed you know data, but

NOTE Confidence: 0.93601674

00:29:41.570 --> 00:29:44.970 yeah, so so it's it, it, it's complicated.

NOTE Confidence: 0.93601674

00:29:44.970 --> 00:29:47.826 So technically yes and Rich and a few

NOTE Confidence: 0.93601674

00:29:47.826 --> 00:29:50.048 others already actually have access.

NOTE Confidence: 0.93601674

00:29:50.050 --> 00:29:52.458 All of this is done in our

NOTE Confidence: 0.93601674

00:29:52.458 --> 00:29:53.930 computational health platform that

NOTE Confidence: 0.93601674

00:29:53.930 --> 00:29:56.335 I comanage with Charlie Tory over

NOTE Confidence: 0.93601674

00:29:56.335 --> 00:29:57.770 on the young New Haven health side.

NOTE Confidence: 0.93601674

00:29:57.770 --> 00:29:59.990 So the the information is

NOTE Confidence: 0.93601674

00:29:59.990 --> 00:30:01.766 is there and available.

NOTE Confidence: 0.93601674

00:30:01.770 --> 00:30:03.570 The thing that we are currently

NOTE Confidence: 0.93601674

00:30:03.570 --> 00:30:06.219 doing is that we have the overall

NOTE Confidence: 0.93601674

00:30:06.219 --> 00:30:08.529 biorepository within that some specimens

NOTE Confidence: 0.93601674

00:30:08.529 --> 00:30:10.320 are specifically for individual

NOTE Confidence: 0.93601674

00:30:10.320 --> 00:30:12.720 investigator studies where they pay us

NOTE Confidence: 0.93601674

00:30:12.720 --> 00:30:14.900 to acquire and store those samples.
NOTE Confidence: 0.93601674

00:30:14.900 --> 00:30:16.280 And in those cases,
NOTE Confidence: 0.93601674

00:30:16.280 --> 00:30:18.560 it's up to the investigator whether
NOTE Confidence: 0.93601674

00:30:18.560 --> 00:30:21.240 others can access those specimens or not.
NOTE Confidence: 0.93601674

00:30:21.240 --> 00:30:23.760 And so the way that we've interacted
NOTE Confidence: 0.93601674

00:30:23.760 --> 00:30:25.674 with your team in the past for
NOTE Confidence: 0.93601674

00:30:25.674 --> 00:30:27.293 those is that usually we already
NOTE Confidence: 0.93601674

00:30:27.293 --> 00:30:29.141 know the list and so we'll supply
NOTE Confidence: 0.93601674

00:30:29.141 --> 00:30:31.544 the list and say here are the other
NOTE Confidence: 0.93601674

00:30:31.544 --> 00:30:33.272 clinical data metadata that are
NOTE Confidence: 0.93601674

00:30:33.272 --> 00:30:36.184 needed for this list of specimens or
NOTE Confidence: 0.93601674

00:30:36.184 --> 00:30:38.128 individuals either through the data
NOTE Confidence: 0.93601674

00:30:38.128 --> 00:30:40.038 architect group or through Jada.
NOTE Confidence: 0.93601674

00:30:40.040 --> 00:30:42.532 As we continue to add on more
NOTE Confidence: 0.93601674

00:30:42.532 --> 00:30:43.600 publicly banked specimens,
NOTE Confidence: 0.93601674

00:30:43.600 --> 00:30:45.589 the goal is that you will be able to

NOTE Confidence: 0.93601674

00:30:45.589 --> 00:30:48.052 do what you're describing just that

NOTE Confidence: 0.93601674

00:30:48.052 --> 00:30:50.400 our number of publicly accessible

NOTE Confidence: 0.93601674

00:30:50.400 --> 00:30:52.800 already in inventory specimens is

NOTE Confidence: 0.93601674

00:30:52.800 --> 00:30:55.213 somewhat low with the exception

NOTE Confidence: 0.93601674

00:30:55.213 --> 00:30:57.318 of the archive ethology tissues

NOTE Confidence: 0.93601674

00:30:57.318 --> 00:31:00.125 and those do not typically have

NOTE Confidence: 0.93601674

00:31:00.125 --> 00:31:02.209 structured data around them.

NOTE Confidence: 0.93601674

00:31:02.210 --> 00:31:03.674 So those have to be searched

NOTE Confidence: 0.93601674

00:31:03.674 --> 00:31:04.650 through via the path,

NOTE Confidence: 0.93601674

00:31:04.650 --> 00:31:06.810 the pathology portal.

NOTE Confidence: 0.93601674

00:31:06.810 --> 00:31:07.497 But longer term,

NOTE Confidence: 0.93601674

00:31:07.497 --> 00:31:09.477 that is the plan that we will be

NOTE Confidence: 0.93601674

00:31:09.477 --> 00:31:10.761 having more publicly available

NOTE Confidence: 0.93601674

00:31:10.761 --> 00:31:12.045 specimens and by public,

NOTE Confidence: 0.93601674

00:31:12.050 --> 00:31:15.061 I mean Yale accessible specimens and

NOTE Confidence: 0.93601674

00:31:15.061 --> 00:31:16.538 more direct access for you guys to
NOTE Confidence: 0.93601674

00:31:16.538 --> 00:31:18.486 be able to query and see what those are.
NOTE Confidence: 0.9370341

00:31:19.410 --> 00:31:20.529 Okay. Thank you.
NOTE Confidence: 0.9370341

00:31:22.250 --> 00:31:25.531 There's a chatted question from Denise
NOTE Confidence: 0.9370341

00:31:25.531 --> 00:31:28.739 whether some already banked or can we do
NOTE Confidence: 0.9370341

00:31:28.739 --> 00:31:31.899 the prospective collection of samples.
NOTE Confidence: 0.9370341

00:31:31.900 --> 00:31:33.820 I think both question, yes,
NOTE Confidence: 0.9370341

00:31:33.820 --> 00:31:35.857 but it's really, we don't know how
NOTE Confidence: 0.9370341

00:31:35.857 --> 00:31:38.435 to bank every tissue, but I think
NOTE Confidence: 0.9370341

00:31:38.435 --> 00:31:40.460 there's limited collection we have.
NOTE Confidence: 0.9370341

00:31:40.460 --> 00:31:42.098 So that's why I showed you on the slides.
NOTE Confidence: 0.9370341

00:31:42.100 --> 00:31:43.990 You will have some amateur on
NOTE Confidence: 0.9370341

00:31:43.990 --> 00:31:44.935 the tissue side.
NOTE Confidence: 0.9370341

00:31:44.940 --> 00:31:46.116 I think for weight,
NOTE Confidence: 0.9370341

00:31:46.116 --> 00:31:48.785 you know he has a large collection of
NOTE Confidence: 0.9370341

00:31:48.785 --> 00:31:51.293 the existing plasma serum out there

NOTE Confidence: 0.9370341

00:31:51.300 --> 00:31:54.828 and really all you need you know

NOTE Confidence: 0.9370341

00:31:54.828 --> 00:31:56.900 let us know if you make a request

NOTE Confidence: 0.9370341

00:31:56.968 --> 00:31:59.131 from the website and then tell us

NOTE Confidence: 0.9370341

00:31:59.131 --> 00:32:01.108 exactly what you are looking for.

NOTE Confidence: 0.9370341

00:32:01.110 --> 00:32:02.855 We can certainly search the

NOTE Confidence: 0.9370341

00:32:02.855 --> 00:32:04.600 existing collection to see if

NOTE Confidence: 0.9370341

00:32:04.669 --> 00:32:06.505 they can be available for you.

NOTE Confidence: 0.9370341

00:32:06.510 --> 00:32:09.558 And now for the perspectives collection,

NOTE Confidence: 0.9370341

00:32:09.558 --> 00:32:11.574 actually we will sit down to work

NOTE Confidence: 0.9370341

00:32:11.574 --> 00:32:14.166 with you and to build a project in

NOTE Confidence: 0.9370341

00:32:14.166 --> 00:32:15.470 the forward perspective collection.

NOTE Confidence: 0.9240378

00:32:17.180 --> 00:32:19.362 Thank you Doctor Lu, I'm a nephrologist.

NOTE Confidence: 0.9240378

00:32:19.362 --> 00:32:21.417 I'm mostly interested in urine.

NOTE Confidence: 0.9240378

00:32:21.420 --> 00:32:22.899 I'm guessing that's not bang.

NOTE Confidence: 0.9240378

00:32:22.900 --> 00:32:24.308 So we'll probably have to work with

NOTE Confidence: 0.9240378

00:32:24.308 --> 00:32:25.736 you guys because that you know that
NOTE Confidence: 0.9240378

00:32:25.740 --> 00:32:27.760 that's sort of the we would like to
NOTE Confidence: 0.9240378

00:32:27.760 --> 00:32:29.512 collect your and at the time a specific
NOTE Confidence: 0.9240378

00:32:29.512 --> 00:32:31.860 time point in a hospitalization.
NOTE Confidence: 0.9240378

00:32:31.860 --> 00:32:33.870 But I guess that'll require a
NOTE Confidence: 0.9240378

00:32:33.870 --> 00:32:35.392 prospective collection, I guess,
NOTE Confidence: 0.9240378

00:32:35.392 --> 00:32:36.620 right, absolutely.
NOTE Confidence: 0.9240378

00:32:36.620 --> 00:32:38.762 So we we, we do have you know somewhere
NOTE Confidence: 0.9240378

00:32:38.762 --> 00:32:40.448 around 100 urines but they aren't,
NOTE Confidence: 0.9240378

00:32:40.450 --> 00:32:42.739 they were specifically collected for like the
NOTE Confidence: 0.9240378

00:32:42.739 --> 00:32:44.687 amlodipine studies and a couple of others.
NOTE Confidence: 0.9240378

00:32:44.690 --> 00:32:45.332 There is excess.
NOTE Confidence: 0.9240378

00:32:45.332 --> 00:32:46.402 So if they fit your
NOTE Confidence: 0.9240378

00:32:46.402 --> 00:32:47.450 criteria you can use them,
NOTE Confidence: 0.9240378

00:32:47.450 --> 00:32:49.487 but it would be a small number.
NOTE Confidence: 0.9240378

00:32:49.490 --> 00:32:50.024 But yeah,

NOTE Confidence: 0.9240378

00:32:50.024 --> 00:32:51.359 for what you're describing something

NOTE Confidence: 0.9240378

00:32:51.359 --> 00:32:53.329 that we could set up due to perspective

NOTE Confidence: 0.9240378

00:32:53.330 --> 00:32:55.412 we could still do depending on

NOTE Confidence: 0.9240378

00:32:55.412 --> 00:32:57.569 how tight your time window is,

NOTE Confidence: 0.9240378

00:32:57.570 --> 00:32:59.530 you know if it's within 6 to 24

NOTE Confidence: 0.9240378

00:32:59.530 --> 00:33:01.687 hours or something like that versus

NOTE Confidence: 0.9240378

00:33:01.687 --> 00:33:03.692 at 8 hours post hospitalization.

NOTE Confidence: 0.9240378

00:33:03.700 --> 00:33:05.314 That's something where we still might

NOTE Confidence: 0.9240378

00:33:05.314 --> 00:33:07.620 be able to work off of de identified

NOTE Confidence: 0.9240378

00:33:07.620 --> 00:33:09.090 clinical excess specimens with an

NOTE Confidence: 0.9240378

00:33:09.090 --> 00:33:11.504 IRB exemption versus needing to go

NOTE Confidence: 0.9240378

00:33:11.504 --> 00:33:13.509 get a dedicated research specimen

NOTE Confidence: 0.9240378

00:33:13.509 --> 00:33:15.818 with consent at a specific time.

NOTE Confidence: 0.9240378

00:33:15.820 --> 00:33:18.700 So you know again I think there if

NOTE Confidence: 0.9240378

00:33:18.700 --> 00:33:20.818 you submit a request we can talk

NOTE Confidence: 0.9240378

00:33:20.818 --> 00:33:23.022 through what might make the most sense
NOTE Confidence: 0.9240378

00:33:23.022 --> 00:33:24.632 and whether that's something that
NOTE Confidence: 0.9240378

00:33:24.632 --> 00:33:26.914 we could support as excess versus
NOTE Confidence: 0.9240378

00:33:26.914 --> 00:33:28.494 needing a dedicated collection.
NOTE Confidence: 0.9240378

00:33:28.500 --> 00:33:28.820 Thank you.
NOTE Confidence: 0.94052833

00:33:30.340 --> 00:33:32.684 Thank you. You know if you just kind
NOTE Confidence: 0.94052833

00:33:32.684 --> 00:33:35.472 of talk to us and then contact us
NOTE Confidence: 0.94052833

00:33:35.472 --> 00:33:37.860 and we'll find more detail from you
NOTE Confidence: 0.933687

00:33:40.500 --> 00:33:42.576 and then fed for your comment,
NOTE Confidence: 0.933687

00:33:42.580 --> 00:33:45.847 you know the the clinical data.
NOTE Confidence: 0.933687

00:33:45.847 --> 00:33:48.990 So we from the biorepository will typically
NOTE Confidence: 0.933687

00:33:49.063 --> 00:33:52.100 only supply some of the basic demographics.
NOTE Confidence: 0.933687

00:33:52.100 --> 00:33:53.654 You know what time was the specimen,
NOTE Confidence: 0.933687

00:33:53.660 --> 00:33:56.636 how old was the patient sex,
NOTE Confidence: 0.933687

00:33:56.636 --> 00:33:58.908 race, ethnicity.
NOTE Confidence: 0.933687

00:33:58.910 --> 00:34:01.276 And then if we triggered that on

NOTE Confidence: 0.933687
00:34:01.276 --> 00:34:02.910 specific criteria like you said,
NOTE Confidence: 0.933687
00:34:02.910 --> 00:34:05.664 we want you to find patients with
NOTE Confidence: 0.933687
00:34:05.664 --> 00:34:07.788 a B&C and get the specimen.
NOTE Confidence: 0.933687
00:34:07.790 --> 00:34:08.962 We would tell you,
NOTE Confidence: 0.933687
00:34:08.962 --> 00:34:10.798 you know if that was triggering
NOTE Confidence: 0.933687
00:34:10.798 --> 00:34:12.670 on a creatinine over the one,
NOTE Confidence: 0.933687
00:34:12.670 --> 00:34:13.860 then we would give you be able
NOTE Confidence: 0.933687
00:34:13.860 --> 00:34:15.189 to give you the creatinine back
NOTE Confidence: 0.933687
00:34:15.190 --> 00:34:16.446 more expansive data requests.
NOTE Confidence: 0.933687
00:34:16.446 --> 00:34:18.628 Those are what we would refer to
NOTE Confidence: 0.933687
00:34:18.628 --> 00:34:20.336 jade abs and then we would supply
NOTE Confidence: 0.933687
00:34:20.336 --> 00:34:22.217 them with the list and that's only
NOTE Confidence: 0.933687
00:34:22.217 --> 00:34:24.870 limited by you know what data are
NOTE Confidence: 0.933687
00:34:24.870 --> 00:34:27.400 available in epic and figuring out,
NOTE Confidence: 0.933687
00:34:27.400 --> 00:34:28.920 you know how do you summarize those data.
NOTE Confidence: 0.933687

00:34:28.920 --> 00:34:31.158 So if you want their creatinine
NOTE Confidence: 0.933687

00:34:31.158 --> 00:34:32.277 from the hospitalization,
NOTE Confidence: 0.933687

00:34:32.280 --> 00:34:33.960 do you want their first or the
NOTE Confidence: 0.933687

00:34:33.960 --> 00:34:35.042 average of their creatinines
NOTE Confidence: 0.933687

00:34:35.042 --> 00:34:37.156 in the first six hours or every
NOTE Confidence: 0.933687

00:34:37.156 --> 00:34:38.839 creatinine from the hospitalization.
NOTE Confidence: 0.933687

00:34:38.840 --> 00:34:40.358 But something where we would have
NOTE Confidence: 0.933687

00:34:40.358 --> 00:34:42.274 you submit a then a J dot request
NOTE Confidence: 0.933687

00:34:42.274 --> 00:34:43.885 and we would work with them to
NOTE Confidence: 0.933687

00:34:43.885 --> 00:34:45.559 pair the clinical data to the
NOTE Confidence: 0.933687

00:34:45.559 --> 00:34:47.152 biospecimens but get that more
NOTE Confidence: 0.933687

00:34:47.152 --> 00:34:48.792 detailed information from their team.
NOTE Confidence: 0.933687

00:34:48.800 --> 00:34:50.557 Got it. And do people normally do
NOTE Confidence: 0.933687

00:34:50.557 --> 00:34:52.279 that via like submitting a red,
NOTE Confidence: 0.933687

00:34:52.280 --> 00:34:54.972 like a red cap or like some like, you know,
NOTE Confidence: 0.933687

00:34:54.972 --> 00:34:57.036 a list of variables, something like this.

NOTE Confidence: 0.933687
00:34:57.036 --> 00:34:57.700 Yeah. Yep.
NOTE Confidence: 0.933687
00:34:57.700 --> 00:35:00.178 It's a Helix submission or some area.
NOTE Confidence: 0.933687
00:35:00.180 --> 00:35:01.258 I'm not sure if you've got the,
NOTE Confidence: 0.933687
00:35:01.260 --> 00:35:02.380 it might have changed names,
NOTE Confidence: 0.933687
00:35:02.380 --> 00:35:04.915 but there's a if you submit it to us, we've.
NOTE Confidence: 0.933687
00:35:04.915 --> 00:35:05.680 Yeah, Helix's request.
NOTE Confidence: 0.933687
00:35:05.680 --> 00:35:07.685 So if you submit it to us and
NOTE Confidence: 0.933687
00:35:07.685 --> 00:35:08.939 tell us you need that data,
NOTE Confidence: 0.933687
00:35:08.940 --> 00:35:10.926 we can help you with getting
NOTE Confidence: 0.933687
00:35:10.926 --> 00:35:12.250 that other request subsequently
NOTE Confidence: 0.933687
00:35:12.312 --> 00:35:13.857 submitted to the JDAT group.
NOTE Confidence: 0.933687
00:35:13.860 --> 00:35:14.712 Got it, got it.
NOTE Confidence: 0.933687
00:35:14.712 --> 00:35:15.138 Thank you.
NOTE Confidence: 0.92646044
00:35:17.060 --> 00:35:19.380 Another chatted question from Dr.
NOTE Confidence: 0.92646044
00:35:19.380 --> 00:35:24.558 Kai, I I think we have some lung
NOTE Confidence: 0.92646044

00:35:24.560 --> 00:35:26.560 normal healthy lung tissue can.

NOTE Confidence: 0.92646044

00:35:26.560 --> 00:35:30.840 OK can can you answer the question or.

NOTE Confidence: 0.92646044

00:35:30.840 --> 00:35:32.944 OK, so now I got the answer you

NOTE Confidence: 0.92646044

00:35:32.944 --> 00:35:35.540 know King's text me we have a more

NOTE Confidence: 0.92646044

00:35:35.540 --> 00:35:38.354 than 30 normal lung tissue and more

NOTE Confidence: 0.92646044

00:35:38.354 --> 00:35:41.273 than 60 Co with a lung tissue.

NOTE Confidence: 0.92646044

00:35:41.280 --> 00:35:45.040 So Dr. Kai, did I answer a question?

NOTE Confidence: 0.92646044

00:35:45.040 --> 00:35:45.940 Thank you.

NOTE Confidence: 0.92646044

00:35:45.940 --> 00:35:46.840 OK. So

NOTE Confidence: 0.8276361

00:35:55.990 --> 00:35:57.590 any other questions, comments.

NOTE Confidence: 0.9333733

00:36:07.140 --> 00:36:08.100 Well thank you all very much.

NOTE Confidence: 0.9333733

00:36:08.100 --> 00:36:09.572 We can Doctor Lu and I can stick

NOTE Confidence: 0.9333733

00:36:09.572 --> 00:36:10.928 around for a few more minutes

NOTE Confidence: 0.9333733

00:36:10.928 --> 00:36:12.098 if anybody thinks of anything.

NOTE Confidence: 0.9333733

00:36:12.100 --> 00:36:14.300 I do want to since Andreas is on,

NOTE Confidence: 0.9333733

00:36:14.300 --> 00:36:16.364 do you want to highlight some of his

NOTE Confidence: 0.9333733

00:36:16.364 --> 00:36:18.234 work early on in this project for

NOTE Confidence: 0.9333733

00:36:18.234 --> 00:36:20.335 helping with some of the initial setup

NOTE Confidence: 0.9333733

00:36:20.335 --> 00:36:22.612 of the biorepository data feeds and

NOTE Confidence: 0.9333733

00:36:22.612 --> 00:36:24.532 tracking especially during the COVID

NOTE Confidence: 0.9333733

00:36:24.532 --> 00:36:27.107 times as well as Keen for all of her

NOTE Confidence: 0.9333733

00:36:27.107 --> 00:36:29.459 help on the on the projects as well.

NOTE Confidence: 0.9333733

00:36:29.460 --> 00:36:31.189 The red cap form is probably the

NOTE Confidence: 0.9333733

00:36:31.189 --> 00:36:33.369 best way to contact us just to make

NOTE Confidence: 0.9333733

00:36:33.369 --> 00:36:35.260 sure that no requests get dropped.

NOTE Confidence: 0.9333733

00:36:35.260 --> 00:36:37.300 Dave and Keen usually check the

NOTE Confidence: 0.9333733

00:36:37.300 --> 00:36:39.518 new requests a couple of times per

NOTE Confidence: 0.9333733

00:36:39.518 --> 00:36:41.620 week and so at most it would be,

NOTE Confidence: 0.9333733

00:36:41.620 --> 00:36:43.692 you know days to a week maximum before

NOTE Confidence: 0.9333733

00:36:43.692 --> 00:36:45.539 you should be hearing back from us.

NOTE Confidence: 0.9333733

00:36:45.540 --> 00:36:47.668 And if there's anything you we can

NOTE Confidence: 0.9333733

00:36:47.668 --> 00:36:49.220 help out with, just let us know.

NOTE Confidence: 0.9288403

00:36:49.900 --> 00:36:52.945 Yeah, I'm sorry. I could just that

NOTE Confidence: 0.9288403

00:36:52.945 --> 00:36:55.938 you know David just you know wait

NOTE Confidence: 0.9288403

00:36:55.938 --> 00:36:59.028 that I could just what the wait just

NOTE Confidence: 0.9288403

00:36:59.028 --> 00:37:01.311 said we are here to help you and

NOTE Confidence: 0.9288403

00:37:01.311 --> 00:37:03.383 even the things we haven't mentioned

NOTE Confidence: 0.9288403

00:37:03.383 --> 00:37:05.753 doesn't mean we cannot support you.

NOTE Confidence: 0.9288403

00:37:05.760 --> 00:37:09.276 Basically you just come contact us

NOTE Confidence: 0.9288403

00:37:09.280 --> 00:37:12.200 and our goal is really to provide us

NOTE Confidence: 0.9288403

00:37:12.200 --> 00:37:16.040 support for for your human tissue,

NOTE Confidence: 0.9288403

00:37:16.040 --> 00:37:19.017 human samples, you know like both

NOTE Confidence: 0.9288403

00:37:19.017 --> 00:37:22.239 liquid or solid tissue related research.

NOTE Confidence: 0.9288403

00:37:22.240 --> 00:37:24.436 OK we're here to help you.

NOTE Confidence: 0.9288403

00:37:24.440 --> 00:37:27.892 I think you can really just type of

NOTE Confidence: 0.9288403

00:37:27.892 --> 00:37:29.578 e-mail you know through the website

NOTE Confidence: 0.9288403

00:37:29.578 --> 00:37:31.814 and then we'll can we can have the

NOTE Confidence: 0.9288403

00:37:31.814 --> 00:37:33.824 conversation and see how we can support

NOTE Confidence: 0.9288403

00:37:33.824 --> 00:37:38.810 you Anything potentially is possible, right.

NOTE Confidence: 0.9288403

00:37:38.810 --> 00:37:39.410 All right.

NOTE Confidence: 0.9288403

00:37:39.410 --> 00:37:41.810 Just we said we'll be here for a

NOTE Confidence: 0.9288403

00:37:41.885 --> 00:37:43.999 few minutes if you know I hope

NOTE Confidence: 0.9288403

00:37:43.999 --> 00:37:45.706 you know thanks for your coming.

NOTE Confidence: 0.9288403

00:37:45.706 --> 00:37:47.850 So we looking forward to working with you.

NOTE Confidence: 0.9288403

00:37:47.850 --> 00:37:48.010 Sorry,

NOTE Confidence: 0.93835366

00:37:49.610 --> 00:37:50.490 I guess if you have a few minutes,

NOTE Confidence: 0.93835366

00:37:50.490 --> 00:37:51.610 I have one more question

NOTE Confidence: 0.92430973

00:37:53.510 --> 00:37:55.675 for you know, prospective sample

NOTE Confidence: 0.92430973

00:37:55.675 --> 00:37:56.830 collections. Are you able

NOTE Confidence: 0.92430973

00:37:56.830 --> 00:37:58.590 to aliquot and freeze them,

NOTE Confidence: 0.92430973

00:37:58.590 --> 00:37:59.534 you know, in case the team

NOTE Confidence: 0.92430973

00:37:59.534 --> 00:38:00.751 can't show up within seconds?

NOTE Confidence: 0.92430973

00:38:00.751 --> 00:38:02.620 Like can you hold them in your
NOTE Confidence: 0.92430973

00:38:02.677 --> 00:38:04.134 freezer for like 1214 hours?
NOTE Confidence: 0.92430973

00:38:04.134 --> 00:38:06.178 Yeah, Yep. And and we don't charge
NOTE Confidence: 0.92430973

00:38:06.178 --> 00:38:07.989 the extra pull fee for those.
NOTE Confidence: 0.92430973

00:38:07.990 --> 00:38:09.390 And we've also done somewhere,
NOTE Confidence: 0.92430973

00:38:09.390 --> 00:38:10.630 you know, over 2 weeks,
NOTE Confidence: 0.92430973

00:38:10.630 --> 00:38:12.149 we collected a series of patients and
NOTE Confidence: 0.92430973

00:38:12.149 --> 00:38:13.925 we just stick them in a rack in the
NOTE Confidence: 0.92430973

00:38:13.925 --> 00:38:15.668 freezer and then you just come pick them up.
NOTE Confidence: 0.92430973

00:38:15.670 --> 00:38:17.896 And the that fee to pull
NOTE Confidence: 0.92430973

00:38:17.896 --> 00:38:19.870 specimens out is really of okay.
NOTE Confidence: 0.92430973

00:38:19.870 --> 00:38:21.620 We've been storing these over six months
NOTE Confidence: 0.92430973

00:38:21.620 --> 00:38:23.179 and you're not taking all of them.
NOTE Confidence: 0.92430973

00:38:23.180 --> 00:38:24.884 You're taking one from that plate and two
NOTE Confidence: 0.92430973

00:38:24.884 --> 00:38:26.697 from that plate and three from this plate.
NOTE Confidence: 0.92430973

00:38:26.700 --> 00:38:28.576 That's when we charge that extra fee.

NOTE Confidence: 0.92430973

00:38:28.580 --> 00:38:28.930 Otherwise,

NOTE Confidence: 0.92430973

00:38:28.930 --> 00:38:31.380 if it's a temporary storage of a,

NOTE Confidence: 0.92430973

00:38:31.380 --> 00:38:35.736 you know, couple of days to even a month,

NOTE Confidence: 0.92430973

00:38:35.740 --> 00:38:37.497 especially if it's just pulling the bulk,

NOTE Confidence: 0.92430973

00:38:37.500 --> 00:38:39.138 here is the whole plate of

NOTE Confidence: 0.92430973

00:38:39.138 --> 00:38:40.500 specimens that belong to you.

NOTE Confidence: 0.92430973

00:38:40.500 --> 00:38:41.988 We've absolutely got that capacity and

NOTE Confidence: 0.92430973

00:38:41.988 --> 00:38:43.660 something that we do very frequently

NOTE Confidence: 0.93136555

00:38:44.930 --> 00:38:45.850 and and to set that

NOTE Confidence: 0.93136555

00:38:45.850 --> 00:38:47.605 up is sort of through the red cap form.

NOTE Confidence: 0.93136555

00:38:47.610 --> 00:38:49.455 If you wanted to set up a collection like

NOTE Confidence: 0.93136555

00:38:49.455 --> 00:38:51.218 that with aliquotting and freezing and

NOTE Confidence: 0.93136555

00:38:51.218 --> 00:38:53.170 stuff like that obviously would pay for it.

NOTE Confidence: 0.93136555

00:38:53.170 --> 00:38:55.200 But Yep. And all the service charges for

NOTE Confidence: 0.93136555

00:38:55.200 --> 00:38:57.654 that are on the site and we can give you

NOTE Confidence: 0.93136555

00:38:57.654 --> 00:38:59.534 depending on the SOPA more specific quote.

NOTE Confidence: 0.93136555

00:38:59.534 --> 00:39:01.574 So like the the current Aliquot

NOTE Confidence: 0.93136555

00:39:01.574 --> 00:39:04.290 charges to get a parent tube and

NOTE Confidence: 0.93136555

00:39:04.369 --> 00:39:06.607 put it in three Aliquot tubes.

NOTE Confidence: 0.93136555

00:39:06.610 --> 00:39:07.702 If you say, hey,

NOTE Confidence: 0.93136555

00:39:07.702 --> 00:39:10.859 I just want that in a single aliquot tube,

NOTE Confidence: 0.93136555

00:39:10.860 --> 00:39:12.258 then it's 1/3 of a unit.

NOTE Confidence: 0.93136555

00:39:12.260 --> 00:39:14.292 So we wouldn't charge you the whole price

NOTE Confidence: 0.93136555

00:39:14.292 --> 00:39:16.858 if it goes into six tubes or two into five,

NOTE Confidence: 0.93136555

00:39:16.860 --> 00:39:19.083 but those kind of shift or adjust based off

NOTE Confidence: 0.93136555

00:39:19.083 --> 00:39:21.373 of those units that we charge it off of,

NOTE Confidence: 0.93136555

00:39:21.380 --> 00:39:22.820 same with the storage fee.

NOTE Confidence: 0.93136555

00:39:22.820 --> 00:39:25.039 So for long term storage that's based

NOTE Confidence: 0.93136555

00:39:25.039 --> 00:39:27.976 off of one of our units over five years.

NOTE Confidence: 0.93136555

00:39:27.980 --> 00:39:30.614 If you're doing it for you know

NOTE Confidence: 0.93136555

00:39:30.614 --> 00:39:32.516 over that month they're doing the

NOTE Confidence: 0.93136555

00:39:32.516 --> 00:39:34.030 individuals kind of spread out and

NOTE Confidence: 0.93136555

00:39:34.030 --> 00:39:35.110 you only want to do it for a year,

NOTE Confidence: 0.93136555

00:39:35.110 --> 00:39:36.489 it's going to be part of that

NOTE Confidence: 0.93136555

00:39:36.489 --> 00:39:37.830 fee rather than that whole cost.

NOTE Confidence: 0.93136555

00:39:37.830 --> 00:39:39.286 So that those are all based off of

NOTE Confidence: 0.93136555

00:39:39.286 --> 00:39:40.836 the unit and we can get you more

NOTE Confidence: 0.93136555

00:39:40.836 --> 00:39:42.069 details on that based off of the

NOTE Confidence: 0.93136555

00:39:42.070 --> 00:39:44.788 SOP we would ultimately write up.

NOTE Confidence: 0.93136555

00:39:44.790 --> 00:39:45.536 Thank you.

NOTE Confidence: 0.93136555

00:39:45.536 --> 00:39:45.909 Yeah,

NOTE Confidence: 0.9289768

00:39:56.750 --> 00:39:59.798 great. Doctor Lu, once you hear back on

NOTE Confidence: 0.9289768

00:39:59.798 --> 00:40:02.554 the link for the recording, just let.

NOTE Confidence: 0.9289768

00:40:02.554 --> 00:40:04.248 Me and I guess probably keen know

NOTE Confidence: 0.9289768

00:40:04.248 --> 00:40:06.104 and then we can work with the the

NOTE Confidence: 0.9289768

00:40:06.104 --> 00:40:07.648 web people to get it uploaded.

NOTE Confidence: 0.9289768

00:40:07.650 --> 00:40:09.764 We've also got the updated combined price

NOTE Confidence: 0.9289768

00:40:09.764 --> 00:40:11.809 list to update on the site too now.

NOTE Confidence: 0.9289768

00:40:11.810 --> 00:40:13.205 So we'll get that done at the same time.

NOTE Confidence: 0.936604299999999

00:40:13.650 --> 00:40:14.559 Good. Thank you.

NOTE Confidence: 0.936604299999999

00:40:14.559 --> 00:40:16.377 And Renee is here actually retake

NOTE Confidence: 0.936604299999999

00:40:16.377 --> 00:40:18.487 the taking care of all this

NOTE Confidence: 0.936604299999999

00:40:18.487 --> 00:40:19.883 recording and upload everything.

NOTE Confidence: 0.936604299999999

00:40:19.890 --> 00:40:21.618 All right. That's great.

NOTE Confidence: 0.936604299999999

00:40:21.618 --> 00:40:23.834 Yeah. All right. Thanks Wade.

NOTE Confidence: 0.936604299999999

00:40:23.834 --> 00:40:26.290 And you know, thanks everyone

NOTE Confidence: 0.936604299999999

00:40:26.290 --> 00:40:28.396 for coming and you know,

NOTE Confidence: 0.936604299999999

00:40:28.396 --> 00:40:30.330 I think we can handle the session.

NOTE Confidence: 0.81579214

00:40:32.510 --> 00:40:34.000 Alright. Thank you. Thank you. Bye, bye.