WEBVTT

NOTE duration:"00:50:44.2240000"

NOTE language:en-us

NOTE Confidence: 0.8861413

00:00:00.000 --> 00:00:01.620 Points, and this is another

NOTE Confidence: 0.8861413

00:00:01.620 --> 00:00:03.240 picture that shows recent trends

NOTE Confidence: 0.8861413

00:00:03.298 --> 00:00:05.530 in in in this northeastern region

NOTE Confidence: 0.8861413

00:00:05.530 --> 00:00:06.646 compared against California,

NOTE Confidence: 0.8861413

00:00:06.650 --> 00:00:08.708 and we can see that Massachusetts,

NOTE Confidence: 0.8861413

00:00:08.710 --> 00:00:10.380 New York, Connecticut, the cases

NOTE Confidence: 0.8861413

00:00:10.380 --> 00:00:12.490 are still continuing to rise slowly.

NOTE Confidence: 0.8861413

00:00:12.490 --> 00:00:15.250 New Jersey has more cases in the slope,

NOTE Confidence: 0.8861413

00:00:15.250 --> 00:00:16.550 maybe a little bit,

NOTE Confidence: 0.8861413

00:00:16.550 --> 00:00:18.500 but steeper than the other States

NOTE Confidence: 0.8861413

00:00:18.567 --> 00:00:20.347 and California is really taking

NOTE Confidence: 0.8861413

00:00:20.347 --> 00:00:22.127 off with lots of activity.

NOTE Confidence: 0.8861413

00:00:22.130 --> 00:00:23.159 So just remember,

NOTE Confidence: 0.8861413

00:00:23.159 --> 00:00:25.217 when you look at these graphs,

NOTE Confidence: 0.8861413

00:00:25.220 --> 00:00:27.775 there also reflection of how much testing

NOTE Confidence: 0.8861413

00:00:27.775 --> 00:00:30.726 is being done and how available is it in?

NOTE Confidence: 0.8861413

00:00:30.730 --> 00:00:33.160 Are people going to get tested?

NOTE Confidence: 0.8861413

00:00:33.160 --> 00:00:34.720 Anne Anne Anne reporting can

NOTE Confidence: 0.8861413

00:00:34.720 --> 00:00:35.968 really impact these numbers,

NOTE Confidence: 0.8861413

00:00:35.970 --> 00:00:39.519 but they are a place to start.

NOTE Confidence: 0.8861413

00:00:39.520 --> 00:00:41.200 So having said that,

NOTE Confidence: 0.8861413

00:00:41.200 --> 00:00:44.185 when we issued our guidance it is

NOTE Confidence: 0.8861413

00:00:44.185 --> 00:00:46.838 not a fixed firm thing that that

NOTE Confidence: 0.8861413

00:00:46.838 --> 00:00:49.407 applies at any point at anytime,

NOTE Confidence: 0.8861413

00:00:49.410 --> 00:00:51.400 geographically or over the course

NOTE Confidence: 0.8861413

00:00:51.400 --> 00:00:53.940 of the pandemic as things evolve,

NOTE Confidence: 0.8861413

00:00:53.940 --> 00:00:56.406 this really is a living document,

NOTE Confidence: 0.8861413

00:00:56.410 --> 00:00:58.470 and so anytime we're looking

NOTE Confidence: 0.8861413

00:00:58.470 --> 00:00:59.706 at sleep operations,

NOTE Confidence: 0.8861413

00:00:59.710 --> 00:01:02.139 we need to make sure we are

NOTE Confidence: 0.8861413

00:01:02.139 --> 00:01:03.778 adjusting our approach according

NOTE Confidence: 0.8861413

00:01:03.778 --> 00:01:05.886 to what's happening locally.

NOTE Confidence: 0.8861413

00:01:05.890 --> 00:01:08.392 What sorts of rules and guidance

NOTE Confidence: 0.8861413

00:01:08.392 --> 00:01:09.643 or being issued?

NOTE Confidence: 0.8861413

00:01:09.650 --> 00:01:10.854 At the federal level,

NOTE Confidence: 0.8861413

00:01:10.854 --> 00:01:12.660 the state level at local level

NOTE Confidence: 0.8861413

00:01:12.725 --> 00:01:14.230 are are hospital employers and

NOTE Confidence: 0.8861413

00:01:14.230 --> 00:01:16.689 then what is the data saying is is

NOTE Confidence: 0.8861413

00:01:16.689 --> 00:01:18.465 the signs the science can evolve.

NOTE Confidence: 0.8861413

00:01:18.470 --> 00:01:19.304 It can change.

NOTE Confidence: 0.8861413

00:01:19.304 --> 00:01:20.972 We thought it was mainly contact

NOTE Confidence: 0.8861413

00:01:20.972 --> 00:01:22.624 spread and then we discovered

NOTE Confidence: 0.8861413

00:01:22.624 --> 00:01:23.940 it's actually aerosol based.

NOTE Confidence: 0.8861413

00:01:23.940 --> 00:01:25.758 So you know things keep changing.

NOTE Confidence: 0.8861413

00:01:25.760 --> 00:01:27.560 So the guidance this anything

NOTE Confidence: 0.8861413

00:01:27.560 --> 00:01:30.164 about to share with you today is

NOTE Confidence: 0.8861413

00:01:30.164 --> 00:01:32.004 not meant to be prescriptive.

NOTE Confidence: 0.8861413

00:01:32.010 --> 00:01:33.420 Especially given that we have a

NOTE Confidence: 0.8861413

00:01:33.420 --> 00:01:35.149 positive data in many of these

NOTE Confidence: 0.8861413

00:01:35.149 --> 00:01:35.519 recommendations,

NOTE Confidence: 0.8861413

00:01:35.520 --> 00:01:36.785 so it's really considerations and

NOTE Confidence: 0.8861413

00:01:36.785 --> 00:01:38.759 things that we should be thinking about.

NOTE Confidence: 0.83329207

00:01:40.890 --> 00:01:43.520 So we as of July it this is no longer

NOTE Confidence: 0.83329207

00:01:43.592 --> 00:01:46.077 inside the Public Safety Committee,

NOTE Confidence: 0.83329207

00:01:46.080 --> 00:01:48.495 but we're actually convened a task force,

NOTE Confidence: 0.83329207

00:01:48.500 --> 00:01:51.568 and the six people on the left, or members.

NOTE Confidence: 0.83329207

00:01:51.568 --> 00:01:53.512 We have a policy ography technician

NOTE Confidence: 0.83329207

00:01:53.512 --> 00:01:54.730 and respiratory therapist.

NOTE Confidence: 0.83329207

00:01:54.730 --> 00:01:56.800 We have doctor burning King whose

NOTE Confidence: 0.83329207

00:01:56.800 --> 00:01:57.835 occupational medicine expert,

NOTE Confidence: 0.83329207

00:01:57.840 --> 00:01:59.916 we have sleep specialists in Wisconsin,

NOTE Confidence: 0.83329207

00:01:59.920 --> 00:02:01.995 Florida, North Dakota and Chicago, IL.

NOTE Confidence: 0.83329207

00:02:01.995 --> 00:02:03.720 We have an infectious disease

NOTE Confidence: 0.83329207

00:02:03.720 --> 00:02:06.183 consultant and we have a vice chair

NOTE Confidence: 0.83329207

00:02:06.183 --> 00:02:07.878 from Palo Alto Doctor Sullivan.

NOTE Confidence: 0.83329207

00:02:07.880 --> 00:02:09.950 We also work with Doctor Rimar,

NOTE Confidence: 0.83329207

00:02:09.950 --> 00:02:11.334 who's the current president.

NOTE Confidence: 0.83329207

00:02:11.334 --> 00:02:12.718 The ASM and service,

NOTE Confidence: 0.83329207

00:02:12.720 --> 00:02:15.534 our liaison with the board of directors.

NOTE Confidence: 0.83329207

00:02:15.540 --> 00:02:17.410 Doctor Epstein and Mr Heffron.

NOTE Confidence: 0.83329207

00:02:17.410 --> 00:02:20.386 Our staff members and I'm serving his chair.

NOTE Confidence: 0.85308576

00:02:22.650 --> 00:02:24.882 So we put all of our heads together

NOTE Confidence: 0.85308576

00:02:24.882 --> 00:02:26.938 an in our latest revisions,

NOTE Confidence: 0.85308576

00:02:26.940 --> 00:02:28.920 an update to the online guidance.

NOTE Confidence: 0.85308576

00:02:28.920 --> 00:02:30.645 We grouped all our recommendations

NOTE Confidence: 0.85308576

00:02:30.645 --> 00:02:32.025 into three categories and

NOTE Confidence: 0.85308576

00:02:32.025 --> 00:02:33.539 they're there for your review,

NOTE Confidence: 0.85308576

00:02:33.540 --> 00:02:35.508 and I encourage everyone to to

NOTE Confidence: 0.85308576

00:02:35.508 --> 00:02:37.830 take a look and see what you,

NOTE Confidence: 0.85308576

00:02:37.830 --> 00:02:39.480 whatever you need it is.

NOTE Confidence: 0.85308576

00:02:39.480 --> 00:02:42.180 We tried our best to make

NOTE Confidence: 0.85308576

00:02:42.180 --> 00:02:44.870 sure that it's there for you.

NOTE Confidence: 0.85308576

00:02:44.870 --> 00:02:47.126 All the FAQ we continue to

NOTE Confidence: 0.85308576

00:02:47.126 --> 00:02:48.962 receive submissions on line and

NOTE Confidence: 0.85308576

00:02:48.962 --> 00:02:51.002 we have up to 15 of them now.

NOTE Confidence: 0.85308576

00:02:51.010 --> 00:02:52.948 We've kind of lump them all

NOTE Confidence: 0.85308576

00:02:52.948 --> 00:02:54.240 together in different categories.

NOTE Confidence: 0.85308576

00:02:54.240 --> 00:02:55.329 For sleep clinicians.

NOTE Confidence: 0.85308576

00:02:55.329 --> 00:02:57.507 We also took all the recommendations

NOTE Confidence: 0.85308576

00:02:57.507 --> 00:02:59.341 that the CDC has issued along

NOTE Confidence: 0.85308576

00:02:59.341 --> 00:03:01.437 the way and went through the all

NOTE Confidence: 0.85308576

00:03:01.437 --> 00:03:02.992 the volumes of information and

NOTE Confidence: 0.85308576

00:03:02.992 --> 00:03:04.574 cleaned out the portions that

NOTE Confidence: 0.85308576

00:03:04.574 --> 00:03:06.184 are relevant for sleep practices,

NOTE Confidence: 0.85308576

00:03:06.190 --> 00:03:09.526 and we summarize them in a convenient way.

NOTE Confidence: 0.85308576

00:03:09.530 --> 00:03:12.652 And then we have 1/3 tab that

NOTE Confidence: 0.85308576

00:03:12.652 --> 00:03:13.990 includes specific considerations

NOTE Confidence: 0.85308576

00:03:14.061 --> 00:03:16.305 for Sleep Medicine that are not

NOTE Confidence: 0.85308576

00:03:16.305 --> 00:03:18.951 discussed by the CDC and that we've

NOTE Confidence: 0.85308576

00:03:18.951 --> 00:03:21.464 come up with based on consensus and

NOTE Confidence: 0.85308576

00:03:21.470 --> 00:03:24.150 using the best available evidence.

NOTE Confidence: 0.85308576

00:03:24.150 --> 00:03:27.066 So as far as the FA cues, as I mentioned,

NOTE Confidence: 0.85308576

00:03:27.066 --> 00:03:28.526 there are 15 different ones,

NOTE Confidence: 0.85308576

00:03:28.530 --> 00:03:31.113 but I'm not going to go through all of

NOTE Confidence: 0.85308576

00:03:31.113 --> 00:03:33.200 them now, but they cover things like.

NOTE Confidence: 0.85308576

00:03:33.200 --> 00:03:35.376 How do you decide if your lab should

NOTE Confidence: 0.85308576

00:03:35.376 --> 00:03:37.290 close and when it should reopen?

NOTE Confidence: 0.85308576

00:03:37.290 --> 00:03:38.750 What sorts of information should

NOTE Confidence: 0.85308576

00:03:38.750 --> 00:03:39.626 you be consulting?

NOTE Confidence: 0.85308576

00:03:39.630 --> 00:03:41.667 What number should you be looking at?

NOTE Confidence: 0.85308576

00:03:41.670 --> 00:03:43.130 And then how do you?

NOTE Confidence: 0.85308576

00:03:43.130 --> 00:03:44.732 What types of strategies and control

NOTE Confidence: 0.85308576

00:03:44.732 --> 00:03:46.439 should be thinking about to mitigate

NOTE Confidence: 0.85308576

00:03:46.439 --> 00:03:47.924 viral transmission risk among your

NOTE Confidence: 0.85308576

00:03:47.924 --> 00:03:49.260 personnel inside your facility?

NOTE Confidence: 0.85308576

00:03:49.260 --> 00:03:50.775 What sort of environmental controls

NOTE Confidence: 0.85308576

00:03:50.775 --> 00:03:52.769 should be should be thinking about an?

NOTE Confidence: 0.85308576

00:03:52.770 --> 00:03:55.129 What kind of strategies to use an

NOTE Confidence: 0.85308576

00:03:55.129 --> 00:03:56.680 outpatient practices in the lab?

NOTE Confidence: 0.85308576

00:03:56.680 --> 00:03:59.065 What should you tell a patient if they say,

NOTE Confidence: 0.85308576

00:03:59.070 --> 00:04:00.014 hey, I I'm not?

NOTE Confidence: 0.85308576

00:04:00.014 --> 00:04:02.068 I'm worried that the see Pap Machine is

NOTE Confidence: 0.85308576

00:04:02.068 --> 00:04:04.388 gonna blow the virus further into my lungs.

NOTE Confidence: 0.85308576

00:04:04.390 --> 00:04:06.774 What sorts of advice should be giving our

NOTE Confidence: 0.85308576

00:04:06.774 --> 00:04:08.649 patients about C Pap if they get sick?

NOTE Confidence: 0.85308576

00:04:08.650 --> 00:04:10.750 And what're payer policy saying?

NOTE Confidence: 0.85308576

00:04:10.750 --> 00:04:14.117 So all of that is in there.

NOTE Confidence: 0.85308576

00:04:14.120 --> 00:04:17.018 the CDC recommendations that are relevant

NOTE Confidence: 0.85308576

00:04:17.018 --> 00:04:20.369 for us were categorized into three groups.

NOTE Confidence: 0.85308576

00:04:20.370 --> 00:04:23.256 The first includes patient care strategies.

NOTE Confidence: 0.85308576

00:04:23.260 --> 00:04:25.786 the CDC issued this guidance in

NOTE Confidence: 0.85308576

00:04:25.786 --> 00:04:29.101 mid July and there they said they

NOTE Confidence: 0.85308576

00:04:29.101 --> 00:04:31.671 were concerned that patients who

NOTE Confidence: 0.85308576

00:04:31.671 --> 00:04:34.263 really needed health care services

NOTE Confidence: 0.85308576

00:04:34.263 --> 00:04:36.235 were not showing up,

NOTE Confidence: 0.85308576

00:04:36.240 --> 00:04:39.040 and so they issued guidance

NOTE Confidence: 0.85308576

00:04:39.040 --> 00:04:41.840 on how to reopen facilities.

NOTE Confidence: 0.85308576

00:04:41.840 --> 00:04:43.320 So patient care strategies.

NOTE Confidence: 0.85308576

00:04:43.320 --> 00:04:45.540 the CDC was really recommending Tele

NOTE Confidence: 0.85308576

00:04:45.604 --> 00:04:47.916 Medicine and how to go about doing that.

NOTE Confidence: 0.85308576

00:04:47.920 --> 00:04:49.858 They were also looking at how

NOTE Confidence: 0.85308576

00:04:49.858 --> 00:04:51.565 do you prescreen patients before

NOTE Confidence: 0.85308576

00:04:51.565 --> 00:04:53.325 they arrive at your facility?

NOTE Confidence: 0.85308576

00:04:53.330 --> 00:04:55.358 When should you use COVID-19 testing?

NOTE Confidence: 0.85308576

00:04:55.360 --> 00:04:56.648 They also provided strategies

NOTE Confidence: 0.85308576

00:04:56.648 --> 00:04:58.258 for healthcare providers in the

NOTE Confidence: 0.85308576

00:04:58.258 --> 00:04:59.750 in the workplace setting.

NOTE Confidence: 0.85308576

00:04:59.750 --> 00:05:02.558 How do you protect yourself so they have

NOTE Confidence: 0.85308576

00:05:02.558 --> 00:05:05.498 guidance on what types of PP should you use?

NOTE Confidence: 0.85308576

00:05:05.500 --> 00:05:07.560 When is it appropriate?

NOTE Confidence: 0.85308576

00:05:07.560 --> 00:05:10.135 Use which type of PPE?

NOTE Confidence: 0.85308576

00:05:10.140 --> 00:05:13.500 And then finally cleaning instructions

NOTE Confidence: 0.85308576

00:05:13.500 --> 00:05:16.860 for health equipment and facilities.

NOTE Confidence: 0.8850842

00:05:19.080 --> 00:05:21.186 And then finally the third category,

NOTE Confidence: 0.8850842

00:05:21.190 --> 00:05:23.302 or all the unique and special

NOTE Confidence: 0.8850842

00:05:23.302 --> 00:05:25.460 considerations that need to be taken

NOTE Confidence: 0.8850842

00:05:25.460 --> 00:05:27.180 into account in sleep centers.

NOTE Confidence: 0.8850842

00:05:27.180 --> 00:05:28.940 So outpatient practices in laboratories.

NOTE Confidence: 0.8850842

00:05:28.940 --> 00:05:30.644 And there we used our consensus

NOTE Confidence: 0.8850842

00:05:30.644 --> 00:05:32.810 to come up with recommendations,

NOTE Confidence: 0.8850842

00:05:32.810 --> 00:05:35.144 and that's where we'll be spending

NOTE Confidence: 0.8850842

00:05:35.144 --> 00:05:37.829 the rest of today talking about.

NOTE Confidence: 0.8850842

00:05:37.830 --> 00:05:39.645 So those recommendations that apply

NOTE Confidence: 0.8850842

00:05:39.645 --> 00:05:41.097 specifically to Sleep Medicine,

NOTE Confidence: 0.8850842

00:05:41.100 --> 00:05:43.278 we categorize them into five areas.

NOTE Confidence: 0.8850842

00:05:43.280 --> 00:05:45.644 The first is your general approach

NOTE Confidence: 0.8850842

00:05:45.644 --> 00:05:47.937 to care delivery and what kind

NOTE Confidence: 0.8850842

00:05:47.937 --> 00:05:50.170 of model are you going to use.

NOTE Confidence: 0.8850842

00:05:50.170 --> 00:05:52.585 We can't continue to do face to

NOTE Confidence: 0.8850842

00:05:52.585 --> 00:05:55.201 face visits and lots of in lab

NOTE Confidence: 0.8850842

00:05:55.201 --> 00:05:56.705 tests in this environment,

NOTE Confidence: 0.8850842

00:05:56.710 --> 00:05:59.055 and so how do we go about

NOTE Confidence: 0.8850842

00:05:59.055 --> 00:06:01.059 delivering care using other models?

NOTE Confidence: 0.8850842

00:06:01.060 --> 00:06:03.948 The second has to do with pre testing

NOTE Confidence: 0.8850842

00:06:03.948 --> 00:06:06.509 patients before they show up for COVID-19.

NOTE Confidence: 0.8850842

00:06:06.510 --> 00:06:09.654 The third has to do with diagnostic and.

NOTE Confidence: 0.8850842

00:06:09.660 --> 00:06:11.898 Titration studies and in home testing

NOTE Confidence: 0.8850842

00:06:11.898 --> 00:06:15.076 the 4th category has to do with therapy

NOTE Confidence: 0.8850842

00:06:15.076 --> 00:06:17.506 consideration specifically related to C Pap.

NOTE Confidence: 0.8850842

00:06:17.510 --> 00:06:18.446 And then finally,

NOTE Confidence: 0.8850842

00:06:18.446 --> 00:06:20.630 how do you mitigate risk in your

NOTE Confidence: 0.8850842

00:06:20.698 --> 00:06:21.510 own practice?

NOTE Confidence: 0.8850842

00:06:21.510 --> 00:06:23.496 So let's look at care delivery.

NOTE Confidence: 0.8850842

00:06:23.500 --> 00:06:24.712 So first and foremost,

NOTE Confidence: 0.8850842

00:06:24.712 --> 00:06:26.937 any plan that you come up with

NOTE Confidence: 0.8850842

00:06:26.937 --> 00:06:28.642 or that you're thinking about

NOTE Confidence: 0.8850842

00:06:28.642 --> 00:06:30.830 has to conform with local rules,

NOTE Confidence: 0.8850842

00:06:30.830 --> 00:06:32.258 regulations and emergency orders,

NOTE Confidence: 0.8850842

00:06:32.258 --> 00:06:35.489 and so there are a number of areas to look.

NOTE Confidence: 0.8850842

00:06:35.490 --> 00:06:37.488 One is within your own institution

NOTE Confidence: 0.8850842

00:06:37.488 --> 00:06:38.154 or hospital,

NOTE Confidence: 0.8850842

00:06:38.160 --> 00:06:40.026 the other is the local guidance

NOTE Confidence: 0.8850842

00:06:40.026 --> 00:06:41.698 or regulations and then state

NOTE Confidence: 0.8850842

00:06:41.698 --> 00:06:43.150 and regional and national,

NOTE Confidence: 0.8850842

00:06:43.150 --> 00:06:45.148 and these can change and they

NOTE Confidence: 0.8850842

00:06:45.148 --> 00:06:46.480 can change very quickly.

NOTE Confidence: 0.8850842

00:06:46.480 --> 00:06:49.585 And it's a lot of information to go through.

NOTE Confidence: 0.8850842

00:06:49.590 --> 00:06:51.432 So it's important that your practice

NOTE Confidence: 0.8850842

00:06:51.432 --> 00:06:53.879 stays up to date on this information,

NOTE Confidence: 0.8850842

00:06:53.880 --> 00:06:56.526 so we had advised that you consider

NOTE Confidence: 0.8850842

00:06:56.526 --> 00:06:58.008 actually appointing someone whose

NOTE Confidence: 0.8850842

00:06:58.008 --> 00:06:59.736 responsibility it is to stay on

NOTE Confidence: 0.8850842

00:06:59.736 --> 00:07:01.908 top of all of this information and

NOTE Confidence: 0.8850842

00:07:01.908 --> 00:07:04.680 translate it for the rest of your team.

NOTE Confidence: 0.8850842

00:07:04.680 --> 00:07:07.380 And everything else flows from this.

NOTE Confidence: 0.8850842

00:07:07.380 --> 00:07:09.545 All the other decisions you

NOTE Confidence: 0.8850842

00:07:09.545 --> 00:07:11.710 make fluid flow from this.

NOTE Confidence: 0.8850842

00:07:11.710 --> 00:07:12.546 So next,

NOTE Confidence: 0.8850842

00:07:12.546 --> 00:07:12.964 uh,

NOTE Confidence: 0.8850842

00:07:12.964 --> 00:07:15.054 once you decide on other

NOTE Confidence: 0.8850842

00:07:15.054 --> 00:07:16.550 care delivery models,

NOTE Confidence: 0.8850842

00:07:16.550 --> 00:07:18.750 think about when it's appropriate

NOTE Confidence: 0.8850842

00:07:18.750 --> 00:07:20.510 to use other modes.

NOTE Confidence: 0.8850842

00:07:20.510 --> 00:07:23.870 So if cases arising and your locality is

NOTE Confidence: 0.8850842

00:07:23.870 --> 00:07:26.668 concerned about a new outbreak happening,

NOTE Confidence: 0.8850842

00:07:26.670 --> 00:07:30.630 and that the hospital is starting to fill up,

NOTE Confidence: 0.8850842

00:07:30.630 --> 00:07:33.514 it's a really good time to move

NOTE Confidence: 0.8850842

00:07:33.514 --> 00:07:35.309 to Tele Medicine approaches

NOTE Confidence: 0.8850842

00:07:35.309 --> 00:07:38.105 and not at the last minute,

NOTE Confidence: 0.8850842

00:07:38.110 --> 00:07:39.894 but preemptively start calling

NOTE Confidence: 0.8850842

00:07:39.894 --> 00:07:42.124 patients and converting them over.

NOTE Confidence: 0.8850842

00:07:42.130 --> 00:07:44.578 But are there newer return visits?

NOTE Confidence: 0.8850842

00:07:44.580 --> 00:07:46.746 Start moving them over and this

NOTE Confidence: 0.8850842

00:07:46.746 --> 00:07:49.833 is a function of is it possible at

NOTE Confidence: 0.8850842

00:07:49.833 --> 00:07:52.179 all there are there are accredited

NOTE Confidence: 0.8850842

00:07:52.258 --> 00:07:54.553 facilities that simply cannot take

NOTE Confidence: 0.8850842

00:07:54.553 --> 00:07:57.200 this on because they don't have

NOTE Confidence: 0.8850842

00:07:57.200 --> 00:07:59.650 the resources and as a result at

NOTE Confidence: 0.8850842

00:07:59.650 --> 00:08:02.643 the ASM actually offered free use

NOTE Confidence: 0.8850842

00:08:02.643 --> 00:08:04.859 of their telemedicine platform.

NOTE Confidence: 0.8850842

00:08:04.860 --> 00:08:07.156 During the pandemic, but but is it available?

NOTE Confidence: 0.8850842

00:08:07.160 --> 00:08:08.868 Is it feasable how much work does

NOTE Confidence: 0.8850842

00:08:08.868 --> 00:08:10.599 it take to onboard patients?

NOTE Confidence: 0.8850842

00:08:10.600 --> 00:08:12.609 And as your staff having to spend

NOTE Confidence: 0.8850842

00:08:12.609 --> 00:08:14.479 hours getting them to download a

NOTE Confidence: 0.8850842

00:08:14.479 --> 00:08:16.369 specific software and making sure they

NOTE Confidence: 0.8850842

00:08:16.369 --> 00:08:18.348 have a login ID and that it works,

NOTE Confidence: 0.8850842

00:08:18.350 --> 00:08:20.359 and they know how to do it,

NOTE Confidence: 0.8850842

00:08:20.360 --> 00:08:22.050 or all your clinicians uniformly

NOTE Confidence: 0.8850842

00:08:22.050 --> 00:08:23.740 trained and they're comfortable in

NOTE Confidence: 0.8460231

00:08:23.793 --> 00:08:25.095 getting enough on and off and

NOTE Confidence: 0.8460231

00:08:25.095 --> 00:08:26.670 in and out of these visits?

NOTE Confidence: 0.8460231

00:08:26.670 --> 00:08:27.842 And will patients actually

NOTE Confidence: 0.8460231

00:08:27.842 --> 00:08:29.830 accept it and agree to use it?

NOTE Confidence: 0.8460231

00:08:29.830 --> 00:08:31.774 So a lot of things to be looked at

NOTE Confidence: 0.8460231

00:08:31.774 --> 00:08:33.818 and considered as you rollout Tele

NOTE Confidence: 0.8460231

00:08:33.818 --> 00:08:35.930 Medicine and then another group that.

NOTE Confidence: 0.8460231

00:08:35.930 --> 00:08:38.359 Provides patient care or the DMV providers.

NOTE Confidence: 0.8460231

00:08:38.360 --> 00:08:40.646 The restaurant therapist who do the

NOTE Confidence: 0.8460231

00:08:40.646 --> 00:08:43.542 mass fittings and we have a C Pap

NOTE Confidence: 0.8460231

00:08:43.542 --> 00:08:45.498 clinic on site where patients could

NOTE Confidence: 0.8460231

00:08:45.572 --> 00:08:47.805 just walk in which has since been

NOTE Confidence: 0.8460231

00:08:47.805 --> 00:08:49.808 closed and so offering mass fittings

NOTE Confidence: 0.8460231

00:08:49.808 --> 00:08:51.884 remotely is another area that's evolving.

NOTE Confidence: 0.8460231

00:08:51.890 --> 00:08:54.086 There are some software that's coming

NOTE Confidence: 0.8460231

00:08:54.086 --> 00:08:56.750 out that can help with 3D image Ng,

NOTE Confidence: 0.8460231

00:08:56.750 --> 00:08:59.277 so moving forward that could change and

NOTE Confidence: 0.8460231

00:08:59.277 --> 00:09:02.199 we could have other resources available.

NOTE Confidence: 0.8460231

00:09:02.200 --> 00:09:04.824 And then use remote monitoring when you can.

NOTE Confidence: 0.8460231

00:09:04.830 --> 00:09:06.714 So instead of having patients show

NOTE Confidence: 0.8460231

00:09:06.714 --> 00:09:09.358 up with a C Pap machine that needs

NOTE Confidence: 0.8460231

00:09:09.358 --> 00:09:11.740 to be downloaded or an SD card,

NOTE Confidence: 0.8460231

00:09:11.740 --> 00:09:13.465 consider outfitting all of these

NOTE Confidence: 0.8460231

00:09:13.465 --> 00:09:15.857 devices with modem so that you can

NOTE Confidence: 0.8460231

00:09:15.857 --> 00:09:17.657 have remote access to their data.

NOTE Confidence: 0.8460231

00:09:17.660 --> 00:09:19.300 And there are some reimbursement

NOTE Confidence: 0.8460231

00:09:19.300 --> 00:09:20.612 codes that are available.

NOTE Confidence: 0.8460231

00:09:20.620 --> 00:09:22.860 They are on the SM website so that

NOTE Confidence: 0.8460231

00:09:22.860 --> 00:09:25.229 some of that activity is billable.

NOTE Confidence: 0.8460231

00:09:25.230 --> 00:09:27.526 And then consider using home based testing.

NOTE Confidence: 0.8460231

00:09:27.530 --> 00:09:30.138 So when are in our area when when

NOTE Confidence: 0.8460231

00:09:30.138 --> 00:09:33.206 there was a big spike in cases, a Cup.

NOTE Confidence: 0.8460231

00:09:33.206 --> 00:09:34.310 Two months ago,

NOTE Confidence: 0.8460231

00:09:34.310 --> 00:09:36.571 we actually closed our lab and resorted

NOTE Confidence: 0.8460231

00:09:36.571 --> 00:09:38.410 entirely to home based testing,

NOTE Confidence: 0.8460231

00:09:38.410 --> 00:09:40.456 and at the VA for awhile.

NOTE Confidence: 0.8460231

00:09:40.460 --> 00:09:41.828 They weren't doing either.

NOTE Confidence: 0.87957406

00:09:44.280 --> 00:09:46.904 And then next as you come up with

NOTE Confidence: 0.87957406

00:09:46.904 --> 00:09:48.889 these care delivery models be

NOTE Confidence: 0.87957406

00:09:48.889 --> 00:09:51.391 very clear and very specific with

NOTE Confidence: 0.87957406

00:09:51.391 --> 00:09:53.979 the algorithms that you develop,

NOTE Confidence: 0.87957406

00:09:53.980 --> 00:09:56.656 so there's no confusion around what

NOTE Confidence: 0.87957406

00:09:56.656 --> 00:10:00.118 to do or how to do it can see.

NOTE Confidence: 0.87957406

00:10:00.120 --> 00:10:01.185 You're allowing patients

NOTE Confidence: 0.87957406

00:10:01.185 --> 00:10:02.250 to assess themselves.

NOTE Confidence: 0.87957406

00:10:02.250 --> 00:10:04.380 They know when to seek care,

NOTE Confidence: 0.87957406

00:10:04.380 --> 00:10:07.033 so having advice lines or using the

NOTE Confidence: 0.87957406

00:10:07.033 --> 00:10:08.972 electronic patient portals offering on

NOTE Confidence: 0.87957406

00:10:08.972 --> 00:10:11.174 line assessment tools so that patients

NOTE Confidence: 0.87957406

00:10:11.174 --> 00:10:13.259 know when they need to come in,

NOTE Confidence: 0.87957406

00:10:13.260 --> 00:10:15.596 get evaluated, get tested,

NOTE Confidence: 0.87957406

00:10:15.596 --> 00:10:17.348 and so forth.

NOTE Confidence: 0.87957406

00:10:17.350 --> 00:10:19.160 Number of such questions can

NOTE Confidence: 0.87957406

00:10:19.160 --> 00:10:20.246 increase some practices.

NOTE Confidence: 0.87957406

00:10:20.250 --> 00:10:21.694 Referral practices decrease their

NOTE Confidence: 0.87957406

00:10:21.694 --> 00:10:23.499 business or close their doors,

NOTE Confidence: 0.87957406

00:10:23.500 --> 00:10:26.284 so some of those patients were were no

NOTE Confidence: 0.87957406

00:10:26.284 --> 00:10:28.930 longer able to access the lab directly.

NOTE Confidence: 0.87957406

00:10:28.930 --> 00:10:32.059 So giving patients access to this Direct

NOTE Confidence: 0.87957406

00:10:32.059 --> 00:10:36.106 Line of self evaluation can be very helpful.

NOTE Confidence: 0.87957406

00:10:36.110 --> 00:10:38.098 And in the process of closing down

NOTE Confidence: 0.87957406

00:10:38.098 --> 00:10:39.849 certain services or postponing them,

NOTE Confidence: 0.87957406

00:10:39.850 --> 00:10:42.658 think about how are you going to make

NOTE Confidence: 0.87957406

00:10:42.658 --> 00:10:45.416 sure those patients don't end up lost.

NOTE Confidence: 0.87957406

00:10:45.420 --> 00:10:47.208 And then when you do reopen

NOTE Confidence: 0.87957406

00:10:47.208 --> 00:10:49.050 and re offer those services,

NOTE Confidence: 0.87957406

00:10:49.050 --> 00:10:51.030 how are you going to prioritize

NOTE Confidence: 0.87957406

00:10:51.030 --> 00:10:52.020 and triage patients?

NOTE Confidence: 0.87957406

00:10:52.020 --> 00:10:54.309 So have something in place so that

NOTE Confidence: 0.87957406

00:10:54.309 --> 00:10:56.150 you continue to maintain access

NOTE Confidence: 0.87957406

00:10:56.150 --> 00:10:58.508 to care for patients have been

NOTE Confidence: 0.87957406

00:10:58.508 --> 00:11:00.383 postponed and that there is a

NOTE Confidence: 0.87957406

00:11:00.383 --> 00:11:02.214 way to get them back in quickly.

NOTE Confidence: 0.87957406

00:11:02.214 --> 00:11:04.566 The more emergent ones and then this is

NOTE Confidence: 0.87957406

00:11:04.566 --> 00:11:06.537 special group safety sensitive workers.

NOTE Confidence: 0.87957406

00:11:06.540 --> 00:11:08.520 So truck drivers and so forth.

NOTE Confidence: 0.87957406

00:11:08.520 --> 00:11:09.840 And they're offering important

NOTE Confidence: 0.87957406

00:11:09.840 --> 00:11:11.160 services during the pandemic,

NOTE Confidence: 0.87957406

00:11:11.160 --> 00:11:14.130 many of them when they show up to you,

NOTE Confidence: 0.87957406

00:11:14.130 --> 00:11:15.780 they have time sensitive licensure.

NOTE Confidence: 0.87957406

00:11:15.780 --> 00:11:17.655 They need to be evaluated

NOTE Confidence: 0.87957406

00:11:17.655 --> 00:11:19.155 and treated very quickly.

NOTE Confidence: 0.87957406

00:11:19.160 --> 00:11:21.284 So if there's a big run on home testing

NOTE Confidence: 0.87957406

00:11:21.284 --> 00:11:22.753 devices because your lab is closed

NOTE Confidence: 0.87957406

00:11:22.753 --> 00:11:24.589 and they now have to wait longer,

NOTE Confidence: 0.87957406

00:11:24.590 --> 00:11:26.406 you gotta think about can you come up

NOTE Confidence: 0.87957406

00:11:26.406 --> 00:11:28.300 with the priority system so they can.

NOTE Confidence: 0.87957406

00:11:28.300 --> 00:11:30.610 They can sort of jump the line

NOTE Confidence: 0.87957406

00:11:30.610 --> 00:11:32.260 and get tested earlier.

NOTE Confidence: 0.87957406

00:11:32.260 --> 00:11:34.465 And then think about how are you

NOTE Confidence: 0.87957406

00:11:34.465 --> 00:11:36.568 going to handle people who are

NOTE Confidence: 0.87957406

00:11:36.568 --> 00:11:38.373 showing up with your patient.

NOTE Confidence: 0.87957406

00:11:38.380 --> 00:11:40.065 The CDC recommends that visitor

NOTE Confidence: 0.87957406

00:11:40.065 --> 00:11:42.545 policies be put in place so that

NOTE Confidence: 0.87957406

00:11:42.545 --> 00:11:44.013 unnecessary visitors or restricted

NOTE Confidence: 0.87957406

00:11:44.013 --> 00:11:45.869 from entry in many hospitals

NOTE Confidence: 0.87957406

00:11:45.869 --> 00:11:47.825 have these in place as well,

NOTE Confidence: 0.87957406

00:11:47.830 --> 00:11:49.714 but some patients need family members

NOTE Confidence: 0.87957406

00:11:49.714 --> 00:11:51.818 to help them with because they're

NOTE Confidence: 0.87957406

00:11:51.818 --> 00:11:53.778 medically necessary to be there.

NOTE Confidence: 0.87957406

00:11:53.780 --> 00:11:55.180 Sometimes their actual medical

NOTE Confidence: 0.87957406

00:11:55.180 --> 00:11:56.230 personnel or attendance,

NOTE Confidence: 0.87957406

00:11:56.230 --> 00:11:57.980 sometimes translation services are needed.

NOTE Confidence: 0.87957406

00:11:57.980 --> 00:12:01.130 So how are you going to screen those people?

NOTE Confidence: 0.87957406

00:12:01.130 --> 00:12:03.230 What advice are you going to

NOTE Confidence: 0.87957406

00:12:03.230 --> 00:12:04.630 tell them you know?

NOTE Confidence: 0.87957406

00:12:04.630 --> 00:12:07.080 Are we going to have masks available?

NOTE Confidence: 0.87957406

00:12:07.080 --> 00:12:10.329 Do they need to be pre tested for COVID-19?

NOTE Confidence: 0.87957406

00:12:10.330 --> 00:12:12.241 All of that needs to be thought

NOTE Confidence: 0.87957406

00:12:12.241 --> 00:12:14.472 about and for us in our practice

NOTE Confidence: 0.87957406

00:12:14.472 --> 00:12:16.157 as far as translation services,

NOTE Confidence: 0.87957406

00:12:16.160 --> 00:12:17.568 we are using electronic.

NOTE Confidence: 0.87957406

00:12:17.568 --> 00:12:21.084 We have a number that we call so that

NOTE Confidence: 0.87957406

00:12:21.084 --> 00:12:23.289 we have somebody readily accessible.

NOTE Confidence: 0.87957406

00:12:23.290 --> 00:12:24.838 And then think about what to

NOTE Confidence: 0.87957406

00:12:24.838 --> 00:12:26.389 do for those who show up,

NOTE Confidence: 0.87957406

00:12:26.390 --> 00:12:28.253 and they say I'm not wearing that mask or

NOTE Confidence: 0.87957406

00:12:28.253 --> 00:12:30.259 and they don't maintain social distancing.

NOTE Confidence: 0.87957406

00:12:30.260 --> 00:12:33.004 Have a policy in place so that your

NOTE Confidence: 0.87957406

00:12:33.004 --> 00:12:35.379 staff are not caught off guard.

NOTE Confidence: 0.87957406

00:12:35.380 --> 00:12:38.840 And then there may be a time when a covid

NOTE Confidence: 0.8830254

00:12:38.933 --> 00:12:41.807 cases actually linked to your lab,

NOTE Confidence: 0.8830254

00:12:41.810 --> 00:12:43.810 or someone who visited your

NOTE Confidence: 0.8830254

00:12:43.810 --> 00:12:46.230 lab or works at your lab.

NOTE Confidence: 0.8830254

00:12:46.230 --> 00:12:48.516 So make an active effort to

NOTE Confidence: 0.8830254

00:12:48.516 --> 00:12:50.660 participate in local contact tracing,

NOTE Confidence: 0.8830254

00:12:50.660 --> 00:12:53.452 and all of this, all of these policy's

NOTE Confidence: 0.8830254

00:12:53.452 --> 00:12:56.277 need to flow from emergency orders,

NOTE Confidence: 0.8830254

00:12:56.280 --> 00:12:57.486 regulations policy's guidance

NOTE Confidence: 0.8830254

00:12:57.486 --> 00:12:59.094 issued by your institution,

NOTE Confidence: 0.8830254

00:12:59.100 --> 00:13:00.704 and by local, state,

NOTE Confidence: 0.8830254

00:13:00.704 --> 00:13:01.907 and national authorities.

NOTE Confidence: 0.7335651

00:13:04.190 --> 00:13:07.130 Now as far as Covid Pretesting.

NOTE Confidence: 0.8741811

00:13:09.270 --> 00:13:11.490 Pretesting the decision to use pre

NOTE Confidence: 0.8741811

00:13:11.490 --> 00:13:14.724 testing or not is can be run by just

NOTE Confidence: 0.8741811

00:13:14.724 --> 00:13:17.111 isn't even available in your area and

NOTE Confidence: 0.8741811

00:13:17.111 --> 00:13:19.671 how long does it take to turn around

NOTE Confidence: 0.8741811

00:13:19.680 --> 00:13:22.109 and what are the rules around it?

NOTE Confidence: 0.8741811

00:13:22.110 --> 00:13:24.096 And are there rules were certain

NOTE Confidence: 0.8741811

00:13:24.096 --> 00:13:25.930 patients have to get tested?

NOTE Confidence: 0.8741811

00:13:25.930 --> 00:13:27.910 So for example somebody who just

NOTE Confidence: 0.8741811

00:13:27.910 --> 00:13:31.059 came out of a high risk area or had

NOTE Confidence: 0.8741811

00:13:31.059 --> 00:13:33.582 a recent exposure now plans to work

NOTE Confidence: 0.8741811

00:13:33.582 --> 00:13:35.990 in Healthcare so the turn around time

NOTE Confidence: 0.8741811

00:13:35.990 --> 00:13:38.470 in some places has gotten very long

NOTE Confidence: 0.8741811

00:13:38.470 --> 00:13:41.008 when we first started in our facility.

NOTE Confidence: 0.8741811

00:13:41.010 --> 00:13:41.958 Doing covert pretesting,

NOTE Confidence: 0.8741811

00:13:41.958 --> 00:13:44.576 we were able to get results back relatively

NOTE Confidence: 0.8741811

00:13:44.576 --> 00:13:46.664 quickly within one to three days,

NOTE Confidence: 0.8741811

00:13:46.670 --> 00:13:48.777 but now it's taking longer and so

NOTE Confidence: 0.8741811

00:13:48.777 --> 00:13:51.389 if if it's taking 10 days seven days

NOTE Confidence: 0.8741811

00:13:51.389 --> 00:13:53.812 it might almost not be worth it

NOTE Confidence: 0.8741811

00:13:53.812 --> 00:13:55.942 because there's risk of re exposure

NOTE Confidence: 0.8741811

00:13:55.942 --> 00:13:58.330 if they were tested 10 days ago.

NOTE Confidence: 0.8741811

00:13:58.330 --> 00:13:59.990 And then you're planning to

NOTE Confidence: 0.8741811

00:13:59.990 --> 00:14:01.318 do your titration tonight,

NOTE Confidence: 0.8741811

00:14:01.320 --> 00:14:02.985 it's not clear what their

NOTE Confidence: 0.8741811

00:14:02.985 --> 00:14:03.984 covid statuses anymore,

NOTE Confidence: 0.8741811

00:14:03.990 --> 00:14:07.080 so you need to think about.

NOTE Confidence: 0.8741811

00:14:07.080 --> 00:14:08.790 Whether that's the right way

NOTE Confidence: 0.8741811

00:14:08.790 --> 00:14:11.160 to go and then the context,

NOTE Confidence: 0.8741811

00:14:11.160 --> 00:14:13.992 so a negative test would be having a

NOTE Confidence: 0.8741811

00:14:13.992 --> 00:14:16.444 negative test on hand would be helpful

NOTE Confidence: 0.8741811

00:14:16.444 --> 00:14:19.319 if you're doing a more risky procedure,

NOTE Confidence: 0.8741811

00:14:19.320 --> 00:14:20.622 like a titration,

NOTE Confidence: 0.8741811

00:14:20.622 --> 00:14:22.792 which can be potentially aerosol

NOTE Confidence: 0.8741811

00:14:22.792 --> 00:14:24.390 generating versus a diagnostic

NOTE Confidence: 0.8741811

00:14:24.390 --> 00:14:26.382 test where the need for testing

NOTE Confidence: 0.8741811

00:14:26.382 --> 00:14:28.770 may not be as significant based

NOTE Confidence: 0.8741811

00:14:28.770 --> 00:14:30.430 on what's happening locally.

NOTE Confidence: 0.8741811

00:14:30.430 --> 00:14:31.820 And it's also important to

NOTE Confidence: 0.8741811

00:14:31.820 --> 00:14:33.210 interpret these results in the

NOTE Confidence: 0.8741811

00:14:33.258 --> 00:14:34.770 context of pretest probability,

NOTE Confidence: 0.8741811

00:14:34.770 --> 00:14:36.940 which is a function of local prevalence.

NOTE Confidence: 0.8741811

00:14:36.940 --> 00:14:39.420 So if you have a highly prevalent condition,

NOTE Confidence: 0.8741811

00:14:39.420 --> 00:14:40.492 if covid is is,

NOTE Confidence: 0.8741811

00:14:40.492 --> 00:14:42.867 if there is a major spike in activity

NOTE Confidence: 0.8741811

00:14:42.867 --> 00:14:45.310 and you have a negative test result,

NOTE Confidence: 0.8741811

00:14:45.310 --> 00:14:47.188 then you gotta look at that

NOTE Confidence: 0.8741811

00:14:47.188 --> 00:14:48.720 with a little bit of.

NOTE Confidence: 0.8741811

00:14:48.720 --> 00:14:50.270 You gotta question that result,

NOTE Confidence: 0.8741811

00:14:50.270 --> 00:14:52.130 and is it a false negative?

NOTE Confidence: 0.8741811

00:14:52.130 --> 00:14:53.680 And similarly test methodology with

NOTE Confidence: 0.8741811

00:14:53.680 --> 00:14:55.230 the nasopharyngeal swabs at this?

NOTE Confidence: 0.8741811

00:14:55.230 --> 00:14:56.838 Not swab isn't put in all

NOTE Confidence: 0.8741811

00:14:56.838 --> 00:14:58.640 the way or done correctly.

NOTE Confidence: 0.8741811

00:14:58.640 --> 00:15:01.097 You can get a false negative test.

NOTE Confidence: 0.8741811

00:15:01.100 --> 00:15:02.955 So if it doesn't fit the picture,

NOTE Confidence: 0.8741811

00:15:02.960 --> 00:15:04.808 the person might need to be retested.

NOTE Confidence: 0.8741811

00:15:04.810 --> 00:15:08.270 So if they have symptoms, for example.

NOTE Confidence: 0.8741811

00:15:08.270 --> 00:15:10.414 Or there is a very high prevalence area,

NOTE Confidence: 0.8741811

00:15:10.420 --> 00:15:11.745 or there's a high suspicion

NOTE Confidence: 0.8741811

00:15:11.745 --> 00:15:13.380 that they have a negative test.

NOTE Confidence: 0.8741811

00:15:13.380 --> 00:15:15.270 May not be as meaningful and similarly

NOTE Confidence: 0.8741811

00:15:15.270 --> 00:15:17.508 in a very low prevalence area of

NOTE Confidence: 0.8741811

00:15:17.508 --> 00:15:19.223 false positive test as possible.

NOTE Confidence: 0.8741811

00:15:19.230 --> 00:15:21.382 So, and it's important to have a policy

NOTE Confidence: 0.8741811

00:15:21.382 --> 00:15:23.494 in place where you think about, well,

NOTE Confidence: 0.8741811

00:15:23.494 --> 00:15:26.050 how are we going to handle a positive result?

NOTE Confidence: 0.8741811

00:15:26.050 --> 00:15:28.314 What's the next thing that needs to happen?

NOTE Confidence: 0.8741811

00:15:28.320 --> 00:15:29.740 Who do we refer to?

NOTE Confidence: 0.8741811

00:15:29.740 --> 00:15:30.592 Who we call?

NOTE Confidence: 0.8741811

00:15:30.592 --> 00:15:32.580 How do we get that patient managed?

NOTE Confidence: 0.8741811

00:15:32.580 --> 00:15:34.278 So in terms of covid status,

NOTE Confidence: 0.8741811

00:15:34.280 --> 00:15:35.695 if someone has been tested

NOTE Confidence: 0.8741811

00:15:35.695 --> 00:15:36.544 their different categories,

NOTE Confidence: 0.8741811

00:15:36.550 --> 00:15:37.430 they can fall into,

NOTE Confidence: 0.8741811

00:15:37.430 --> 00:15:39.184 they may be someone who is currently

NOTE Confidence: 0.8741811

00:15:39.184 --> 00:15:41.099 under quarantine or presumed positive,

NOTE Confidence: 0.8741811

00:15:41.100 --> 00:15:42.520 or their status is unknown.

NOTE Confidence: 0.8741811

00:15:42.520 --> 00:15:44.319 Or they may be presumed to be

NOTE Confidence: 0.8741811

00:15:44.319 --> 00:15:45.640 negative or completely recovered.

NOTE Confidence: 0.8741811

00:15:45.640 --> 00:15:47.458 And really we should not be

NOTE Confidence: 0.8741811

00:15:47.458 --> 00:15:49.199 bringing people into our lab who.

NOTE Confidence: 0.8741811

00:15:49.200 --> 00:15:50.875 Or anything other than presume

NOTE Confidence: 0.8741811

00:15:50.875 --> 00:15:51.880 negative or recovered.

NOTE Confidence: 0.9020279

00:15:54.400 --> 00:15:57.466 And then as far as sleep

NOTE Confidence: 0.9020279

00:15:57.466 --> 00:15:58.488 testing considerations.

NOTE Confidence: 0.9020279

00:15:58.490 --> 00:16:01.052 If we, when we when are disease

NOTE Confidence: 0.9020279

00:16:01.052 --> 00:16:03.628 activity was at its peak in April,

NOTE Confidence: 0.9020279

00:16:03.630 --> 00:16:05.640 may we actually closed our lab

NOTE Confidence: 0.9020279

00:16:05.640 --> 00:16:08.029 and we went to home testing.

NOTE Confidence: 0.9020279

00:16:08.030 --> 00:16:10.040 And so if you implement that

NOTE Confidence: 0.9020279

00:16:10.040 --> 00:16:12.070 type of home testing protocol,

NOTE Confidence: 0.9020279

00:16:12.070 --> 00:16:14.398 then in the in the execution of that

NOTE Confidence: 0.9020279

00:16:14.398 --> 00:16:16.242 protocol it's important to continue

NOTE Confidence: 0.9020279

00:16:16.242 --> 00:16:18.648 to maintain the principles of social

NOTE Confidence: 0.9020279

00:16:18.648 --> 00:16:20.508 distancing and contact precautions.

NOTE Confidence: 0.9020279

00:16:20.510 --> 00:16:23.597 So we adopted initially a male model

NOTE Confidence: 0.9020279

00:16:23.597 --> 00:16:26.594 where we would Mail the device and

NOTE Confidence: 0.9020279

00:16:26.594 --> 00:16:29.330 they would Mail it back to us.

NOTE Confidence: 0.9020279

00:16:29.330 --> 00:16:30.926 One of the concerns with that

NOTE Confidence: 0.9020279

00:16:30.926 --> 00:16:32.668 is that the Mail service has

NOTE Confidence: 0.9020279

00:16:32.668 --> 00:16:34.510 gotten very slow and the demand

NOTE Confidence: 0.9020279

00:16:34.510 --> 00:16:36.460 for these devices has increased,

NOTE Confidence: 0.9020279

00:16:36.460 --> 00:16:38.595 so it becomes a bottleneck and it

NOTE Confidence: 0.9020279

00:16:38.595 --> 00:16:40.489 ends up limiting access to care.

NOTE Confidence: 0.9020279

00:16:40.490 --> 00:16:42.674 So we then switched to curbside the

NOTE Confidence: 0.9020279

00:16:42.674 --> 00:16:44.518 curbside exchange model and think about,

NOTE Confidence: 0.9020279

00:16:44.520 --> 00:16:47.000 you know if you're going to do that,

NOTE Confidence: 0.9020279

00:16:47.000 --> 00:16:48.550 make sure that you have

NOTE Confidence: 0.9020279

00:16:48.550 --> 00:16:49.170 scheduled appointments.

NOTE Confidence: 0.9020279

00:16:49.170 --> 00:16:51.674 You don't have a big buildup of people

NOTE Confidence: 0.9020279

00:16:51.674 --> 00:16:54.746 all in a big crowd waiting to turn it in,

NOTE Confidence: 0.9020279

00:16:54.750 --> 00:16:56.920 so it really is they drive by.

NOTE Confidence: 0.9020279

00:16:56.920 --> 00:17:00.464 They handed up a hand it to the.

NOTE Confidence: 0.9020279

00:17:00.470 --> 00:17:01.914 To the hospital personnel

NOTE Confidence: 0.9020279

00:17:01.914 --> 00:17:03.358 and then they leave,

NOTE Confidence: 0.9020279

00:17:03.360 --> 00:17:04.804 and likewise the dispensation

NOTE Confidence: 0.9020279

00:17:04.804 --> 00:17:06.248 and the retrieval occur.

NOTE Confidence: 0.9020279

00:17:06.250 --> 00:17:07.327 That way outdoors,

NOTE Confidence: 0.9020279

00:17:07.327 --> 00:17:09.840 and then the instruction that we were

NOTE Confidence: 0.9020279

00:17:09.904 --> 00:17:12.016 doing initially was face to face.

NOTE Confidence: 0.9020279

00:17:12.020 --> 00:17:14.186 But we've had to be adaptive,

NOTE Confidence: 0.9020279

00:17:14.190 --> 00:17:16.356 and so think about doing this

NOTE Confidence: 0.9020279

00:17:16.356 --> 00:17:17.800 to maintain social distancing,

NOTE Confidence: 0.9020279

00:17:17.800 --> 00:17:19.590 where using either printed both

NOTE Confidence: 0.9020279

00:17:19.590 --> 00:17:21.770 shores or get away from that.

NOTE Confidence: 0.9020279

00:17:21.770 --> 00:17:23.918 So you're not worried about context

NOTE Confidence: 0.9020279

00:17:23.918 --> 00:17:25.350 transmission and use electronic

NOTE Confidence: 0.9020279

00:17:25.407 --> 00:17:27.197 ways of instructing either video

NOTE Confidence: 0.9020279

00:17:27.197 --> 00:17:28.987 that can be viewed asynchronously,

NOTE Confidence: 0.9020279

00:17:28.990 --> 00:17:31.330 or Tele medicine visits where you're

NOTE Confidence: 0.9020279

00:17:31.330 --> 00:17:34.540 actually. Providing life support.

NOTE Confidence: 0.9020279

00:17:34.540 --> 00:17:35.542 And then, uh,

NOTE Confidence: 0.9020279

00:17:35.542 --> 00:17:37.546 after Retrieval and handling the package

NOTE Confidence: 0.9020279

00:17:37.546 --> 00:17:39.358 follow contact based precautions.

NOTE Confidence: 0.9020279

00:17:39.360 --> 00:17:40.844 Consider using single use.

NOTE Confidence: 0.9020279

00:17:40.844 --> 00:17:42.328 Store fully disposable devices.

NOTE Confidence: 0.9020279

00:17:42.330 --> 00:17:44.190 Some labs are doing that,

NOTE Confidence: 0.9020279

00:17:44.190 --> 00:17:46.410 others are finding it cost prohibitive.

NOTE Confidence: 0.9020279

00:17:46.410 --> 00:17:48.636 Others are using component parts that

NOTE Confidence: 0.9020279

00:17:48.636 --> 00:17:51.239 are disposable and others that are reusable.

NOTE Confidence: 0.9020279

00:17:51.240 --> 00:17:54.200 And if you are using a reasonable device,

NOTE Confidence: 0.9020279

00:17:54.200 --> 00:17:55.660 make sure you're thinking about

NOTE Confidence: 0.9020279

00:17:55.660 --> 00:17:57.702 what are the CD CDC recommendations

NOTE Confidence: 0.9020279

00:17:57.702 --> 00:17:59.766 on cleaning and disinfection?

NOTE Confidence: 0.9020279

00:17:59.770 --> 00:18:01.822 What is the manufacturer saying and

NOTE Confidence: 0.9020279

00:18:01.822 --> 00:18:04.109 do you have facility policy's and

NOTE Confidence: 0.9020279

00:18:04.109 --> 00:18:06.244 the technologists are handling this?

NOTE Confidence: 0.9020279

00:18:06.250 --> 00:18:07.800 Spices should be using appropriate

NOTE Confidence: 0.9020279

00:18:07.800 --> 00:18:09.040 PP for that activity,

NOTE Confidence: 0.9020279

00:18:09.040 --> 00:18:10.918 and some labs are actually waiting

NOTE Confidence: 0.9020279

00:18:10.918 --> 00:18:12.798 72 hours and taking the device

NOTE Confidence: 0.9020279

00:18:12.798 --> 00:18:14.502 out of service for that period

NOTE Confidence: 0.9020279

00:18:14.502 --> 00:18:16.418 of time before they dispense it

NOTE Confidence: 0.9020279

00:18:16.418 --> 00:18:18.028 again to the next patient.

NOTE Confidence: 0.9020279

00:18:18.030 --> 00:18:19.890 So where did that come from?

NOTE Confidence: 0.9020279

00:18:19.890 --> 00:18:22.361 So that was from this study that

NOTE Confidence: 0.9020279

00:18:22.361 --> 00:18:24.289 was published in The Lancet.

NOTE Confidence: 0.9020279

00:18:24.290 --> 00:18:27.218 In April an what this group did was

NOTE Confidence: 0.9020279

00:18:27.218 --> 00:18:29.758 they took a 5 microlitre aliquots

NOTE Confidence: 0.9020279

00:18:29.758 --> 00:18:32.780 of solution that had virus in it

NOTE Confidence: 0.9020279

00:18:32.780 --> 00:18:35.580 and they put it on a variety of

NOTE Confidence: 0.9020279

00:18:35.580 --> 00:18:37.820 services services and then they went

NOTE Confidence: 0.9020279

00:18:37.820 --> 00:18:40.672 back and they checked to see could

NOTE Confidence: 0.9020279

00:18:40.672 --> 00:18:43.330 live virus be retrieved using viral

NOTE Confidence: 0.9020279

00:18:43.330 --> 00:18:45.604 transport media from the surface is

NOTE Confidence: 0.9020279

00:18:45.604 --> 00:18:48.037 and they found that in on plastic

NOTE Confidence: 0.9020279

00:18:48.037 --> 00:18:51.306 that the virus live virus could be

NOTE Confidence: 0.9020279

00:18:51.306 --> 00:18:54.290 retrieved in three after three days.

NOTE Confidence: 0.9020279

00:18:54.290 --> 00:18:56.132 So this doesn't mean that you

NOTE Confidence: 0.9020279

00:18:56.132 --> 00:18:57.360 can that that that

NOTE Confidence: 0.88139415

00:18:57.433 --> 00:18:59.549 translates into active infection.

NOTE Confidence: 0.88139415

00:18:59.550 --> 00:19:01.862 In fact, we don't know of cases where

NOTE Confidence: 0.88139415

00:19:01.862 --> 00:19:04.373 the the only source of transmission

NOTE Confidence: 0.88139415

00:19:04.373 --> 00:19:06.698 was through handling mailed packages,

NOTE Confidence: 0.88139415

00:19:06.700 --> 00:19:09.276 but one of the principles we appear

NOTE Confidence: 0.88139415

00:19:09.276 --> 00:19:12.149 to was airing on the side of caution

NOTE Confidence: 0.88139415

00:19:12.149 --> 00:19:14.969 and in the interest of Public Health,

NOTE Confidence: 0.88139415

00:19:14.970 --> 00:19:18.372 some labs are following that and keeping

NOTE Confidence: 0.88139415

00:19:18.372 --> 00:19:22.099 these devices out of service for three days.

NOTE Confidence: 0.88139415

00:19:22.100 --> 00:19:23.400 Now, what about laboratory

NOTE Confidence: 0.88139415

00:19:23.400 --> 00:19:24.375 based testing here?

NOTE Confidence: 0.88139415

00:19:24.380 --> 00:19:26.522 Our group felt that it was important

NOTE Confidence: 0.88139415

00:19:26.522 --> 00:19:28.373 to weigh patient preferences against

NOTE Confidence: 0.88139415

00:19:28.373 --> 00:19:30.109 clinical judgment to determine

NOTE Confidence: 0.88139415

00:19:30.109 --> 00:19:32.578 whether the study should be done in

NOTE Confidence: 0.88139415

00:19:32.578 --> 00:19:34.486 the lab or should be done at home.

NOTE Confidence: 0.88139415

00:19:34.486 --> 00:19:37.425 So you may have a patient that says, yeah,

NOTE Confidence: 0.88139415

00:19:37.425 --> 00:19:40.676 I could do it at home, but I really cannot.

NOTE Confidence: 0.88139415

00:19:40.676 --> 00:19:42.620 You know there are eight people

NOTE Confidence: 0.88139415

00:19:42.685 --> 00:19:43.618 who sleep here.

NOTE Confidence: 0.88139415

00:19:43.620 --> 00:19:45.570 It's too noisy. It's too cold.

NOTE Confidence: 0.88139415

00:19:45.570 --> 00:19:46.548 I'm too stressed.

NOTE Confidence: 0.88139415

00:19:46.548 --> 00:19:48.834 I'm not safe, so they may strongly

NOTE Confidence: 0.88139415

00:19:48.834 --> 00:19:50.790 prefer to come into the lab.

NOTE Confidence: 0.88139415

00:19:50.790 --> 00:19:51.876 And if the.

NOTE Confidence: 0.88139415

00:19:51.876 --> 00:19:52.600 Pair reimbursements,

NOTE Confidence: 0.88139415

00:19:52.600 --> 00:19:54.850 or is willing to cover that,

NOTE Confidence: 0.88139415

00:19:54.850 --> 00:19:56.730 then then that's an option,

NOTE Confidence: 0.88139415

00:19:56.730 --> 00:19:58.600 but on the other hand,

NOTE Confidence: 0.88139415

00:19:58.600 --> 00:20:00.044 if it's somebody who.

NOTE Confidence: 0.88139415

00:20:00.044 --> 00:20:03.007 As risk factors for severe COVID-19 you have

NOTE Confidence: 0.88139415

00:20:03.007 --> 00:20:05.569 questions about you know what would happen,

NOTE Confidence: 0.88139415

00:20:05.570 --> 00:20:07.360 whether they might be infected,

NOTE Confidence: 0.88139415

00:20:07.360 --> 00:20:09.866 or if they were to get infected,

NOTE Confidence: 0.88139415

00:20:09.870 --> 00:20:12.030 then the result could be catastrophic.

NOTE Confidence: 0.88139415

00:20:12.030 --> 00:20:14.178 So somebody who recently had cancer,

NOTE Confidence: 0.88139415

00:20:14.180 --> 00:20:15.572 chemotherapy, or you know,

NOTE Confidence: 0.88139415

00:20:15.572 --> 00:20:18.130 is the sole breadwinner for their family,

NOTE Confidence: 0.88139415

00:20:18.130 --> 00:20:20.377 and they are in a high risk

NOTE Confidence: 0.88139415

00:20:20.377 --> 00:20:22.080 group for severe COVID-19.

NOTE Confidence: 0.88139415

00:20:22.080 --> 00:20:23.316 So someone like that,

NOTE Confidence: 0.88139415

00:20:23.316 --> 00:20:26.476 you may want to try to get by with

NOTE Confidence: 0.88139415

00:20:26.476 --> 00:20:28.536 with home based testing strategies,

NOTE Confidence: 0.88139415

00:20:28.540 --> 00:20:31.185 and if they are appropriate

NOTE Confidence: 0.88139415

00:20:31.185 --> 00:20:33.830 based on the clinical setting.

NOTE Confidence: 0.88139415

00:20:33.830 --> 00:20:36.188 To help you with the C,

NOTE Confidence: 0.88139415

00:20:36.190 --> 00:20:38.835 ASM does have practice guidelines

NOTE Confidence: 0.88139415

00:20:38.835 --> 00:20:40.951 available for both diagnostic

NOTE Confidence: 0.88139415

00:20:40.951 --> 00:20:43.796 testing and also for the delivery

NOTE Confidence: 0.88139415

00:20:43.796 --> 00:20:45.584 of positive airway pressure.

NOTE Confidence: 0.88139415

00:20:45.590 --> 00:20:47.714 The other thing you can consider

NOTE Confidence: 0.88139415

00:20:47.714 --> 00:20:49.560 is actually using Empirix C Pap.

NOTE Confidence: 0.88139415

00:20:49.560 --> 00:20:51.215 So instead of Poly Sonography

NOTE Confidence: 0.88139415

00:20:51.215 --> 00:20:52.870 you can try auto titrating,

NOTE Confidence: 0.88139415

00:20:52.870 --> 00:20:55.068 see pap or just empiric C Pap

NOTE Confidence: 0.88139415

00:20:55.068 --> 00:20:56.839 without any kind of testing.

NOTE Confidence: 0.88139415

00:20:56.840 --> 00:20:59.368 So how do you decide who should get

NOTE Confidence: 0.88139415

00:20:59.368 --> 00:21:01.544 that type of therapy where you're

NOTE Confidence: 0.88139415

00:21:01.544 --> 00:21:04.107 just kind of looking at them and

NOTE Confidence: 0.88139415

00:21:04.107 --> 00:21:06.762 saying yeah I think you can try C Pap.

NOTE Confidence: 0.88139415

00:21:06.770 --> 00:21:08.716 So rather than just kind of rule

NOTE Confidence: 0.88139415

00:21:08.716 --> 00:21:11.205 of thumb in it there are screening

NOTE Confidence: 0.88139415

00:21:11.205 --> 00:21:12.396 and assessment tools.

NOTE Confidence: 0.88139415

00:21:12.400 --> 00:21:16.162 We had a task force that looked at this.

NOTE Confidence: 0.88139415

00:21:16.170 --> 00:21:18.696 And published all the tools that

NOTE Confidence: 0.88139415

00:21:18.696 --> 00:21:21.190 are available and that is available

NOTE Confidence: 0.88139415

00:21:21.190 --> 00:21:24.126 in the JCSM in the July 2018 issue.

NOTE Confidence: 0.88139415

00:21:24.130 --> 00:21:25.048 The The The.

NOTE Confidence: 0.88139415

00:21:25.048 --> 00:21:27.190 The thing about these tools is that

NOTE Confidence: 0.88139415

00:21:27.254 --> 00:21:29.229 there is no specific threshold.

NOTE Confidence: 0.88139415

00:21:29.230 --> 00:21:31.910 So if you have a score on a stop bang

NOTE Confidence: 0.88139415

00:21:31.985 --> 00:21:34.247 of X or your Berlin questionnaire

NOTE Confidence: 0.88139415

00:21:34.247 --> 00:21:36.551 result is why then that person

NOTE Confidence: 0.88139415

00:21:36.551 --> 00:21:39.085 can go straight to Empiric C Pap.

NOTE Confidence: 0.88139415

00:21:39.090 --> 00:21:41.680 We don't have that kind of criteria

NOTE Confidence: 0.88139415

00:21:41.680 --> 00:21:44.188 that validated so so some of this is

NOTE Confidence: 0.88139415

00:21:44.188 --> 00:21:46.697 going to have to be based on clinical

NOTE Confidence: 0.88139415

00:21:46.697 --> 00:21:49.287 judgment and the best guess and the

NOTE Confidence: 0.88139415

00:21:49.290 --> 00:21:51.330 best clinical expertise of the evaluator.

NOTE Confidence: 0.88139415

00:21:51.330 --> 00:21:53.370 There is a tool that we

NOTE Confidence: 0.88139415

00:21:53.370 --> 00:21:54.730 developed at our institution.

NOTE Confidence: 0.88139415

00:21:54.730 --> 00:21:56.560 The multivariable apnea prediction score.

NOTE Confidence: 0.88139415

00:21:56.560 --> 00:21:58.665 And that's also included in

NOTE Confidence: 0.88139415

00:21:58.665 --> 00:22:00.770 this in this assessment review

NOTE Confidence: 0.81837445

00:22:00.847 --> 00:22:03.025 document and there the score goes

NOTE Confidence: 0.81837445

00:22:03.025 --> 00:22:06.148 from zero to one and at the VA that

NOTE Confidence: 0.81837445

00:22:06.148 --> 00:22:08.123 you know pre testing with PSG,

NOTE Confidence: 0.81837445

00:22:08.123 --> 00:22:09.988 RHS 80 is not required

NOTE Confidence: 0.81837445

00:22:09.988 --> 00:22:11.480 before C Pap dispensation.

NOTE Confidence: 0.81837445

00:22:11.480 --> 00:22:14.126 So this is something we've been able

NOTE Confidence: 0.81837445

00:22:14.126 --> 00:22:17.814 to do and have done for a few years now.

NOTE Confidence: 0.81837445

00:22:17.820 --> 00:22:20.586 And we used a threshold score

NOTE Confidence: 0.81837445

00:22:20.586 --> 00:22:23.050 of .7 and found that.

NOTE Confidence: 0.81837445

00:22:23.050 --> 00:22:25.006 The adherence with C Pap after

NOTE Confidence: 0.81837445

00:22:25.006 --> 00:22:27.131 that appeared to be similar to

NOTE Confidence: 0.81837445

00:22:27.131 --> 00:22:28.996 those who didn't get testing.

NOTE Confidence: 0.81837445

00:22:29.000 --> 00:22:31.478 Now that was a different model care

NOTE Confidence: 0.81837445

00:22:31.478 --> 00:22:33.617 delivery model where the patient was

NOTE Confidence: 0.81837445

00:22:33.617 --> 00:22:36.350 assessed and then within one to three days,

NOTE Confidence: 0.81837445

00:22:36.350 --> 00:22:37.750 sometimes the same day.

NOTE Confidence: 0.81837445

00:22:37.750 --> 00:22:39.850 They had a live in person,

NOTE Confidence: 0.81837445

00:22:39.850 --> 00:22:41.950 extensive education and face to face.

NOTE Confidence: 0.81837445

00:22:41.950 --> 00:22:43.278 C Pap set up.

NOTE Confidence: 0.81837445

00:22:43.278 --> 00:22:44.938 So this environment under COVID-19

NOTE Confidence: 0.81837445

00:22:44.938 --> 00:22:46.825 is quite different from that

NOTE Confidence: 0.81837445

00:22:46.825 --> 00:22:49.051 where there drop shipping C pap

NOTE Confidence: 0.81837445

00:22:49.124 --> 00:22:50.784 machines to patients homes and

NOTE Confidence: 0.81837445

00:22:50.784 --> 00:22:52.830 live in face to face education.

NOTE Confidence: 0.81837445

00:22:52.830 --> 00:22:55.110 There hasn't been as readily available,

NOTE Confidence: 0.81837445

00:22:55.110 --> 00:22:58.008 so how well it would work is is unknown,

NOTE Confidence: 0.81837445

00:22:58.010 --> 00:22:59.662 but Medicare has now will cover C

NOTE Confidence: 0.81837445

00:22:59.662 --> 00:23:01.391 Pap based on clinical assessment

NOTE Confidence: 0.81837445

00:23:01.391 --> 00:23:02.840 without diagnostic testing,

NOTE Confidence: 0.81837445

00:23:02.840 --> 00:23:04.724 and they have not clarified whether

NOTE Confidence: 0.81837445

00:23:04.724 --> 00:23:06.689 at some point down the road

NOTE Confidence: 0.81837445

00:23:06.689 --> 00:23:08.309 the patient should get tested.

NOTE Confidence: 0.81837445

00:23:08.310 --> 00:23:11.190 Once this emergency is over.

NOTE Confidence: 0.81837445

00:23:11.190 --> 00:23:13.675 Now let's think about C Pap itself.

NOTE Confidence: 0.81837445

00:23:13.680 --> 00:23:16.165 So in order to understand C Pap,

NOTE Confidence: 0.81837445

00:23:16.170 --> 00:23:18.662 we gotta look at the way that

NOTE Confidence: 0.81837445

00:23:18.662 --> 00:23:19.730 the virus transmits.

NOTE Confidence: 0.81837445

00:23:19.730 --> 00:23:22.229 So there are different types of transmission,

NOTE Confidence: 0.81837445

00:23:22.230 --> 00:23:24.715 and it appears when a person coughs,

NOTE Confidence: 0.81837445

00:23:24.720 --> 00:23:25.073 sneezes,

NOTE Confidence: 0.81837445

00:23:25.073 --> 00:23:25.779 or talks,

NOTE Confidence: 0.81837445

00:23:25.779 --> 00:23:27.544 or even exhales droplets escape

NOTE Confidence: 0.81837445

00:23:27.544 --> 00:23:30.069 from the nose mouth and the larger

NOTE Confidence: 0.81837445

00:23:30.069 --> 00:23:31.477 ones will drop immediately,

NOTE Confidence: 0.81837445

00:23:31.480 --> 00:23:34.328 inform the person and not travel as far,

NOTE Confidence: 0.81837445

00:23:34.330 --> 00:23:36.570 but the smaller ones are the ones

NOTE Confidence: 0.81837445

00:23:36.570 --> 00:23:39.095 that can stay airborne and where the

NOTE Confidence: 0.81837445

00:23:39.095 --> 00:23:41.890 virus stays ERISA Lizet they can travel.

NOTE Confidence: 0.81837445

00:23:41.890 --> 00:23:42.946 A lot longer,

NOTE Confidence: 0.81837445

00:23:42.946 --> 00:23:45.058 not farther distance in stays suspended

NOTE Confidence: 0.81837445

00:23:45.058 --> 00:23:47.496 in the air for a longer period of

NOTE Confidence: 0.81837445

00:23:47.496 --> 00:23:49.369 time where they can be inhaled,

NOTE Confidence: 0.81837445

00:23:49.370 --> 00:23:51.320 so Ebola is contained in these

NOTE Confidence: 0.81837445

00:23:51.320 --> 00:23:52.620 larger droplets that fall,

NOTE Confidence: 0.81837445

00:23:52.620 --> 00:23:53.920 and so contact based transmission

NOTE Confidence: 0.81837445

00:23:53.920 --> 00:23:56.222 is a is a more significant method

NOTE Confidence: 0.81837445

00:23:56.222 --> 00:23:57.170 of transmission.

NOTE Confidence: 0.81837445

00:23:57.170 --> 00:23:58.458 But measles chicken pox,

NOTE Confidence: 0.81837445

00:23:58.458 --> 00:24:00.390 they can stay suspended in aerosol

NOTE Confidence: 0.81837445

00:24:00.453 --> 00:24:02.038 form and travel much farther,

NOTE Confidence: 0.81837445

00:24:02.040 --> 00:24:03.665 so the coronavirus is probably

NOTE Confidence: 0.81837445

00:24:03.665 --> 00:24:04.965 somewhere in the middle,

NOTE Confidence: 0.81837445

00:24:04.970 --> 00:24:07.940 which is where the six feet

NOTE Confidence: 0.81837445

00:24:07.940 --> 00:24:09.920 distancing rule comes from.

NOTE Confidence: 0.81837445

00:24:09.920 --> 00:24:11.535 So the initial suggestion that

NOTE Confidence: 0.81837445

00:24:11.535 --> 00:24:13.150 this isn't just contact for,

NOTE Confidence: 0.81837445

00:24:13.150 --> 00:24:15.208 but maybe you're born came out of

NOTE Confidence: 0.81837445

00:24:15.208 --> 00:24:16.890 the restaurant in the Guangzhou

NOTE Confidence: 0.81837445

00:24:16.890 --> 00:24:17.997 Province in China,

NOTE Confidence: 0.81837445

00:24:18.000 --> 00:24:20.184 where an infected person he didn't

NOTE Confidence: 0.81837445

00:24:20.184 --> 00:24:22.240 know they were infected at the

NOTE Confidence: 0.81837445

00:24:22.240 --> 00:24:24.088 time that they had this meal with

NOTE Confidence: 0.81837445

00:24:24.088 --> 00:24:26.380 a bunch of family members and later

NOTE Confidence: 0.81837445

00:24:26.380 --> 00:24:28.704 that day they went and got tested

NOTE Confidence: 0.81837445

00:24:28.704 --> 00:24:30.732 and were confirmed to be positive

NOTE Confidence: 0.81837445

00:24:30.732 --> 00:24:32.727 and eventually over the course of

NOTE Confidence: 0.81837445

00:24:32.727 --> 00:24:35.285 the next few days a number of people

NOTE Confidence: 0.81837445

00:24:35.285 --> 00:24:37.711 who sat at the same table and we're

NOTE Confidence: 0.81837445

00:24:37.711 --> 00:24:39.697 from the same family got infected.

NOTE Confidence: 0.81837445

00:24:39.700 --> 00:24:42.066 But also people unknown to this family,

NOTE Confidence: 0.81837445

00:24:42.070 --> 00:24:43.590 two other families that were

NOTE Confidence: 0.81837445

00:24:43.590 --> 00:24:45.560 happening to be sitting in adjacent

NOTE Confidence: 0.81837445

00:24:45.560 --> 00:24:47.495 tables also had infected members.

NOTE Confidence: 0.81837445

00:24:47.500 --> 00:24:50.204 So total of nine people got infected here,

NOTE Confidence: 0.81837445

00:24:50.210 --> 00:24:52.370 whereas 8 staff members and 70

NOTE Confidence: 0.81837445

00:24:52.370 --> 00:24:55.030 three other people who were in the

NOTE Confidence: 0.81837445

00:24:55.030 --> 00:24:57.697 restaurant at the same time tested negative.

NOTE Confidence: 0.8543512

00:24:57.700 --> 00:25:00.373 And so it was traced back to this air

NOTE Confidence: 0.8543512

00:25:00.373 --> 00:25:02.333 conditioning unit and that the air was

NOTE Confidence: 0.8543512

00:25:02.333 --> 00:25:04.864 blowing one way out and then reverse flow

NOTE Confidence: 0.8543512

00:25:04.864 --> 00:25:06.964 was happening in the other direction.

NOTE Confidence: 0.8543512

00:25:06.970 --> 00:25:09.256 And so everybody who sat in front of this

NOTE Confidence: 0.8543512

00:25:09.256 --> 00:25:11.670 air conditioner ended up getting sick and

NOTE Confidence: 0.8543512

00:25:11.670 --> 00:25:14.061 then a second occurrence in the Skagit

NOTE Confidence: 0.8543512

00:25:14.061 --> 00:25:16.231 Valley Choir in Washington on March 10th.

NOTE Confidence: 0.8543512

00:25:16.240 --> 00:25:18.382 This group took all sorts of precautions

NOTE Confidence: 0.8543512

00:25:18.382 --> 00:25:20.568 they handed out sanitizer at the door.

NOTE Confidence: 0.8543512

00:25:20.570 --> 00:25:21.794 Nobody shared sheet music.

NOTE Confidence: 0.8543512

00:25:21.794 --> 00:25:23.630 There was no hugging or kissing

NOTE Confidence: 0.8543512

00:25:23.683 --> 00:25:24.580 or close contact.

NOTE Confidence: 0.8543512

00:25:24.580 --> 00:25:26.869 People stood away from each other and

NOTE Confidence: 0.8543512

00:25:26.869 --> 00:25:28.998 nobody was known to have been sick.

NOTE Confidence: 0.8543512

00:25:29.000 --> 00:25:30.680 Just like at the restaurant,

NOTE Confidence: 0.8543512

00:25:30.680 --> 00:25:31.685 nobody had symptoms,

NOTE Confidence: 0.8543512

00:25:31.685 --> 00:25:33.360 nobody was coughing or sneezing,

NOTE Confidence: 0.8543512

00:25:33.360 --> 00:25:36.237 and yet 75% of the people who

NOTE Confidence: 0.8543512

00:25:36.237 --> 00:25:38.690 attended got infected by one person.

NOTE Confidence: 0.8543512

00:25:38.690 --> 00:25:40.450 Who happened to be infected?

NOTE Confidence: 0.8543512

00:25:40.450 --> 00:25:42.742 So what this exposed was that

NOTE Confidence: 0.8543512

00:25:42.742 --> 00:25:44.270 transmission before people develop

NOTE Confidence: 0.8543512

00:25:44.338 --> 00:25:46.174 symptoms is possible and that in

NOTE Confidence: 0.8543512

00:25:46.174 --> 00:25:48.525 fact 80% of infections that are out

NOTE Confidence: 0.8543512

00:25:48.525 --> 00:25:51.026 there are thought to come from a

NOTE Confidence: 0.8543512

00:25:51.026 --> 00:25:53.114 minority of these super spreaders so

NOTE Confidence: 0.8543512

00:25:53.114 --> 00:25:55.534 20% or so people end up infecting

NOTE Confidence: 0.8543512

00:25:55.534 --> 00:25:58.046 lots of others by just being at

NOTE Confidence: 0.8543512

00:25:58.046 --> 00:26:00.510 the wrong place at the right time.

NOTE Confidence: 0.8543512

00:26:00.510 --> 00:26:03.576 So the Super spreaders in a

NOTE Confidence: 0.8543512

00:26:03.576 --> 00:26:05.109 super spreading event.

NOTE Confidence: 0.8543512

00:26:05.110 --> 00:26:07.553 And then as far as the emergence

NOTE Confidence: 0.8543512

00:26:07.553 --> 00:26:09.098 of airborne transmission inside

NOTE Confidence: 0.8543512

00:26:09.098 --> 00:26:10.814 healthcare workers with this

NOTE Confidence: 0.8543512

00:26:10.814 --> 00:26:12.959 particular virus that that started

NOTE Confidence: 0.8543512

00:26:13.026 --> 00:26:15.141 emerging early on when universal

NOTE Confidence: 0.8543512

00:26:15.141 --> 00:26:17.256 masking wasn't necessarily the norm.

NOTE Confidence: 0.8543512

00:26:17.260 --> 00:26:19.408 But Wu Hon started noticing a

NOTE Confidence: 0.8543512

00:26:19.408 --> 00:26:20.840 disproportionate number of cases

NOTE Confidence: 0.8543512

00:26:20.905 --> 00:26:22.929 and deaths among anesthesiologists,

NOTE Confidence: 0.8543512

00:26:22.930 --> 00:26:24.960 critical care specialist and ophthalmologist,

NOTE Confidence: 0.8543512

00:26:24.960 --> 00:26:26.980 an EMT specialist, and Iran,

NOTE Confidence: 0.8543512

00:26:26.980 --> 00:26:29.410 where at least 220 NT Surgeons

NOTE Confidence: 0.8543512

00:26:29.410 --> 00:26:30.220 were hospitalised.

NOTE Confidence: 0.8543512

00:26:30.220 --> 00:26:33.055 There were twenty more placed in isolation,

NOTE Confidence: 0.8543512

00:26:33.060 --> 00:26:35.965 and one resident actually had a cardiac

NOTE Confidence: 0.8543512

00:26:35.965 --> 00:26:38.968 arrest because of my carditis in Britain,

NOTE Confidence: 0.8543512

00:26:38.970 --> 00:26:41.889 reported 2 E NT doctors on Ventilators,

NOTE Confidence: 0.8543512

00:26:41.890 --> 00:26:44.200 and Stanford issued a white paper

NOTE Confidence: 0.8543512

00:26:44.200 --> 00:26:46.923 saying that your nose and throat in

NOTE Confidence: 0.8543512

00:26:46.923 --> 00:26:49.149 any other specialties that do high

NOTE Confidence: 0.8543512

00:26:49.149 --> 00:26:51.480 risk procedures like intubation,

NOTE Confidence: 0.8543512

00:26:51.480 --> 00:26:53.152 endoscopy, Bronx or layering,

NOTE Confidence: 0.8543512

00:26:53.152 --> 00:26:53.570 osca,

NOTE Confidence: 0.8543512

00:26:53.570 --> 00:26:56.909 P or at risk for increased risk

NOTE Confidence: 0.8543512

00:26:56.909 --> 00:26:59.362 for transmission because of high

NOTE Confidence: 0.8543512

00:26:59.362 --> 00:27:02.170 viral shedding from the from the

NOTE Confidence: 0.8543512

00:27:02.170 --> 00:27:04.730 nasopharynx in the oral fairings.

NOTE Confidence: 0.8543512

00:27:04.730 --> 00:27:05.998 So as of now,

NOTE Confidence: 0.8543512

00:27:05.998 --> 00:27:07.583 in addition to these procedures

NOTE Confidence: 0.8543512

00:27:07.583 --> 00:27:09.878 like Endoscopy and learning Osca P,

NOTE Confidence: 0.8543512

00:27:09.880 --> 00:27:11.968 the CDC also considers C Pap and Bipap

NOTE Confidence: 0.8543512

00:27:11.968 --> 00:27:14.329 to be aerosol generating procedures.

NOTE Confidence: 0.8543512

00:27:14.330 --> 00:27:16.762 So what that means is that the virus

NOTE Confidence: 0.8543512

00:27:16.762 --> 00:27:18.701 can stay in higher concentrations

NOTE Confidence: 0.8543512

00:27:18.701 --> 00:27:21.634 and can travel a much longer distance

NOTE Confidence: 0.8543512

00:27:21.709 --> 00:27:24.037 and it can stay in the air longer

NOTE Confidence: 0.8543512

00:27:24.037 --> 00:27:25.652 than just somebody who's infected,

NOTE Confidence: 0.8543512

00:27:25.652 --> 00:27:26.671 who's coughing, sneezing,

NOTE Confidence: 0.8543512

00:27:26.671 --> 00:27:27.664 talking or breathing.

NOTE Confidence: 0.8543512

00:27:27.664 --> 00:27:30.410 So there's a higher risk of exposure and

NOTE Confidence: 0.8543512

00:27:30.410 --> 00:27:32.853 infection for those who are hanging around.

NOTE Confidence: 0.8543512

00:27:32.860 --> 00:27:36.028 People who are on C Pap or Bipap.

NOTE Confidence: 0.8543512

00:27:36.030 --> 00:27:38.246 And data for this also came out of

NOTE Confidence: 0.8543512

00:27:38.246 --> 00:27:40.447 the first SARS epidemic in Toronto,

NOTE Confidence: 0.8543512

00:27:40.450 --> 00:27:42.890 where half of all of the cases that

NOTE Confidence: 0.8543512

00:27:42.890 --> 00:27:44.525 were transmitted in the hospital

NOTE Confidence: 0.8543512

00:27:44.525 --> 00:27:46.135 were in health care workers.

NOTE Confidence: 0.8543512

00:27:46.140 --> 00:27:47.320 Three of them died,

NOTE Confidence: 0.8543512

00:27:47.320 --> 00:27:49.090 and they seem to happen during

NOTE Confidence: 0.8543512

00:27:49.152 --> 00:27:50.568 the delivery of nebulae.

NOTE Confidence: 0.8543512

00:27:50.570 --> 00:27:50.967 Zehrs,

NOTE Confidence: 0.8543512

00:27:50.967 --> 00:27:52.952 high flow oxygen and definitely

NOTE Confidence: 0.8543512

00:27:52.952 --> 00:27:54.143 positive pressure ventilation.

NOTE Confidence: 0.8543512

00:27:54.150 --> 00:27:56.238 So then the next question is,

NOTE Confidence: 0.8543512

00:27:56.240 --> 00:27:58.354 is there a way that we can

NOTE Confidence: 0.8543512

00:27:58.354 --> 00:27:59.260 kind of mitigate

NOTE Confidence: 0.8721137

00:27:59.333 --> 00:28:01.523 that risk and or some masks

NOTE Confidence: 0.8721137

00:28:01.523 --> 00:28:03.550 actually less risky than others?

NOTE Confidence: 0.8721137

00:28:03.550 --> 00:28:06.326 The data on all of this is very,

NOTE Confidence: 0.8721137

00:28:06.330 --> 00:28:07.522 very low right now,

NOTE Confidence: 0.8721137

00:28:07.522 --> 00:28:10.195 including the use of other things like viral

NOTE Confidence: 0.8721137

00:28:10.195 --> 00:28:12.245 filters and other adaptive technologies,

NOTE Confidence: 0.8721137

00:28:12.250 --> 00:28:14.954 but this study done by huy in the

NOTE Confidence: 0.8721137

00:28:14.954 --> 00:28:16.397 European respiratory Journal looked

NOTE Confidence: 0.8721137

00:28:16.397 --> 00:28:18.509 at two types of nasal pillows,

NOTE Confidence: 0.8721137

00:28:18.510 --> 00:28:20.225 and they compared this against

NOTE Confidence: 0.8721137

00:28:20.225 --> 00:28:22.340 one type of full face mask,

NOTE Confidence: 0.8721137

00:28:22.340 --> 00:28:24.350 so it was very specific.

NOTE Confidence: 0.8721137

00:28:24.350 --> 00:28:26.150 Brands that they tested and

NOTE Confidence: 0.8721137

00:28:26.150 --> 00:28:27.950 they tried increasing levels of

NOTE Confidence: 0.8721137

00:28:28.019 --> 00:28:30.219 continuous positive airway pressure.

NOTE Confidence: 0.8721137

00:28:30.220 --> 00:28:32.698 And this these were not actual patients.

NOTE Confidence: 0.8721137

00:28:32.700 --> 00:28:34.475 This was a mechanical patient

NOTE Confidence: 0.8721137

00:28:34.475 --> 00:28:36.656 simulator and what they found was

NOTE Confidence: 0.8721137

00:28:36.656 --> 00:28:38.720 that with increasing C Pap pressure,

NOTE Confidence: 0.8721137

00:28:38.720 --> 00:28:40.184 the dispersion distance increased

NOTE Confidence: 0.8721137

00:28:40.184 --> 00:28:42.380 and if they simulated lung injury

NOTE Confidence: 0.8721137

00:28:42.442 --> 00:28:44.027 than the dispersion was even.

NOTE Confidence: 0.8721137

00:28:44.030 --> 00:28:45.800 Even worse went even farther,

NOTE Confidence: 0.8721137

00:28:45.800 --> 00:28:47.840 and similarly they saw a similar

NOTE Confidence: 0.8721137

00:28:47.840 --> 00:28:50.001 pattern with the use of high

NOTE Confidence: 0.8721137

00:28:50.001 --> 00:28:51.457 flow nasal cannula oxygen,

NOTE Confidence: 0.8721137

00:28:51.460 --> 00:28:53.742 whereas with the full face mask they

NOTE Confidence: 0.8721137

00:28:53.742 --> 00:28:56.417 did not see that type of dispersion.

NOTE Confidence: 0.8721137

00:28:56.420 --> 00:28:58.670 But it turns out they were

NOTE Confidence: 0.8721137

00:28:58.670 --> 00:29:00.170 measuring dispersion of smoke.

NOTE Confidence: 0.8721137

00:29:00.170 --> 00:29:02.557 In the sagittal plane directly in front

NOTE Confidence: 0.8721137

00:29:02.557 --> 00:29:05.253 of the patient and this full face mask

NOTE Confidence: 0.8721137

00:29:05.253 --> 00:29:07.999 that they evaluated had the exhalation ports,

NOTE Confidence: 0.8721137

00:29:08.000 --> 00:29:10.760 the isolation holes were in a circle evenly

NOTE Confidence: 0.8721137

00:29:10.760 --> 00:29:12.630 distributed around the elbow connector,

NOTE Confidence: 0.8721137

00:29:12.630 --> 00:29:14.424 so there couldn't be a stream

NOTE Confidence: 0.8721137

00:29:14.424 --> 00:29:16.442 for them to measure because the

NOTE Confidence: 0.8721137

00:29:16.442 --> 00:29:19.088 exhaled air was being dispersed in a

NOTE Confidence: 0.8721137

00:29:19.088 --> 00:29:20.820 circumference around the connector,

NOTE Confidence: 0.8721137

00:29:20.820 --> 00:29:23.332 so we don't know for sure that that

NOTE Confidence: 0.8721137

00:29:23.332 --> 00:29:25.798 mask is necessarily safe to use,

NOTE Confidence: 0.8721137

00:29:25.800 --> 00:29:27.580 because the data and the

NOTE Confidence: 0.8721137

00:29:27.580 --> 00:29:29.004 model that they used,

NOTE Confidence: 0.8721137

00:29:29.010 --> 00:29:32.258 and it's only one mass that they tested.

NOTE Confidence: 0.8721137

00:29:32.260 --> 00:29:35.052 So we can't say for certain that a

NOTE Confidence: 0.8721137

00:29:35.052 --> 00:29:37.797 specific mass type is better than others.

NOTE Confidence: 0.8721137

00:29:37.800 --> 00:29:39.930 Now the other question is then,

NOTE Confidence: 0.8721137

00:29:39.930 --> 00:29:40.881 in this scenario,

NOTE Confidence: 0.8721137

00:29:40.881 --> 00:29:43.568 should home C Pap be continued in someone

NOTE Confidence: 0.8721137

00:29:43.568 --> 00:29:45.968 that you suspect might have COVID-19?

NOTE Confidence: 0.8721137

00:29:45.970 --> 00:29:48.810 Or if you know that they have it?

NOTE Confidence: 0.8721137

00:29:48.810 --> 00:29:51.298 So in that case what we suggested is

NOTE Confidence: 0.8721137

00:29:51.298 --> 00:29:53.815 that you gotta really look at what is

NOTE Confidence: 0.8721137

00:29:53.815 --> 00:29:56.969 the risk to the patient of discontinuation.

NOTE Confidence: 0.8721137

00:29:56.970 --> 00:29:59.050 What is the risk to

NOTE Confidence: 0.8721137

00:29:59.050 --> 00:30:00.714 others of continuation so?

NOTE Confidence: 0.8721137

00:30:00.720 --> 00:30:02.420 We recommended that the any

NOTE Confidence: 0.8721137

00:30:02.420 --> 00:30:04.480 decision to either continue or stop.

NOTE Confidence: 0.8721137

00:30:04.480 --> 00:30:06.874 He based on a risk benefit assessment.

NOTE Confidence: 0.8721137

00:30:06.880 --> 00:30:09.304 So what that means is that you take

NOTE Confidence: 0.8721137

00:30:09.304 --> 00:30:12.206 a look and see what are the risks of

NOTE Confidence: 0.8721137

00:30:12.206 --> 00:30:15.188 stopping C Pap for just the short term

NOTE Confidence: 0.8721137

00:30:15.188 --> 00:30:17.476 until the person recovers from COVID-19,

NOTE Confidence: 0.8721137

00:30:17.476 --> 00:30:19.492 and for most people it shouldn't

NOTE Confidence: 0.8721137

00:30:19.492 --> 00:30:20.900 be a big deal.

NOTE Confidence: 0.8721137

00:30:20.900 --> 00:30:22.952 They should be able to get

NOTE Confidence: 0.8721137

00:30:22.952 --> 00:30:23.978 off without issues,

NOTE Confidence: 0.8721137

00:30:23.980 --> 00:30:26.045 but there is a subset of patients

NOTE Confidence: 0.8721137

00:30:26.045 --> 00:30:28.615 who may be at risk for acute

NOTE Confidence: 0.8721137

00:30:28.615 --> 00:30:30.630 cognitive decline or motor problems.

NOTE Confidence: 0.8721137

00:30:30.630 --> 00:30:32.174 Coordination, falling cardiovascular events,

NOTE Confidence: 0.8721137

00:30:32.174 --> 00:30:33.523 arrhythmias, and so forth.

NOTE Confidence: 0.8721137

00:30:33.523 --> 00:30:35.770 And some who may be at risk

NOTE Confidence: 0.8721137

00:30:35.854 --> 00:30:37.579 for driving accidents.

NOTE Confidence: 0.8721137

00:30:37.580 --> 00:30:39.510 Now they shouldn't be driving.

NOTE Confidence: 0.8721137

00:30:39.510 --> 00:30:42.880 They should really be quarantining.

NOTE Confidence: 0.8721137

00:30:42.880 --> 00:30:45.071 But the question if you decide to

NOTE Confidence: 0.8721137

00:30:45.071 --> 00:30:47.867 stop C Pap is then can we actually

NOTE Confidence: 0.8721137

00:30:47.867 --> 00:30:50.557 manage the risk that could result from

NOTE Confidence: 0.8721137

00:30:50.557 --> 00:30:53.065 that for this subgroup of patients.

NOTE Confidence: 0.8721137

00:30:53.070 --> 00:30:55.415 So one thing you can consider in

NOTE Confidence: 0.8721137

00:30:55.415 --> 00:30:57.679 giving such advice is than look

NOTE Confidence: 0.8721137

00:30:57.679 --> 00:30:59.259 at offering fall precautions,

NOTE Confidence: 0.8721137

00:30:59.260 --> 00:31:01.438 refer them back to their cardiologist.

NOTE Confidence: 0.85695356

00:31:01.440 --> 00:31:03.260 Make sure that their medical

NOTE Confidence: 0.85695356

00:31:03.260 --> 00:31:04.716 management management is optimized,

NOTE Confidence: 0.85695356

00:31:04.720 --> 00:31:07.504 advise them against do it using any kind

NOTE Confidence: 0.85695356

00:31:07.504 --> 00:31:09.757 doing anything risky where they could

NOTE Confidence: 0.85695356

00:31:09.757 --> 00:31:11.995 have an accident or hurt themselves,

NOTE Confidence: 0.85695356

00:31:12.000 --> 00:31:13.875 and then look at other

NOTE Confidence: 0.85695356

00:31:13.875 --> 00:31:15.375 forms of bridge therapies.

NOTE Confidence: 0.85695356

00:31:15.380 --> 00:31:18.380 So if they already have an oral appliance,

NOTE Confidence: 0.85695356

00:31:18.380 --> 00:31:20.260 go back and use that.

NOTE Confidence: 0.85695356

00:31:20.260 --> 00:31:21.373 Consider position therapy.

NOTE Confidence: 0.85695356

00:31:21.373 --> 00:31:24.380 Either pruning the patient or using a wedge,

NOTE Confidence: 0.85695356

00:31:24.380 --> 00:31:27.005 pillow, or sleeping upright in a chair,

NOTE Confidence: 0.85695356

00:31:27.010 --> 00:31:28.510 staying away from alcohol,

NOTE Confidence: 0.85695356

00:31:28.510 --> 00:31:29.260 sedating medications,

NOTE Confidence: 0.85695356

00:31:29.260 --> 00:31:33.310 keeping any nasal congestion under control.

NOTE Confidence: 0.85695356

00:31:33.310 --> 00:31:35.454 So the risk of choosing to continue this

NOTE Confidence: 0.85695356

00:31:35.454 --> 00:31:37.934 C pap in somebody who may be actively

NOTE Confidence: 0.85695356

00:31:37.934 --> 00:31:40.087 infected is really the risk potentially

NOTE Confidence: 0.85695356

00:31:40.087 --> 00:31:42.577 of transmitting the infection to others.

NOTE Confidence: 0.85695356

00:31:42.580 --> 00:31:44.375 Knowing that with the increased

NOTE Confidence: 0.85695356

00:31:44.375 --> 00:31:46.819 pressure there could be the issue of

NOTE Confidence: 0.85695356

00:31:46.819 --> 00:31:48.863 the virus could hit surface is that

NOTE Confidence: 0.85695356

00:31:48.863 --> 00:31:51.194 you didn't even think of cleaning like

NOTE Confidence: 0.85695356

00:31:51.194 --> 00:31:54.600 the ceiling or much farther away.

NOTE Confidence: 0.85695356

00:31:54.600 --> 00:31:57.435 And can the risk then to others

NOTE Confidence: 0.85695356

00:31:57.435 --> 00:31:58.650 is that manageable?

NOTE Confidence: 0.85695356

00:31:58.650 --> 00:32:00.675 So can the patient completely

NOTE Confidence: 0.85695356

00:32:00.675 --> 00:32:01.890 quarantine self isolate,

NOTE Confidence: 0.85695356

00:32:01.890 --> 00:32:04.320 have their own bathroom and protect

NOTE Confidence: 0.85695356

00:32:04.320 --> 00:32:05.940 their other household Contacts?

NOTE Confidence: 0.85695356

00:32:05.940 --> 00:32:09.180 Or do they live in a very congested,

NOTE Confidence: 0.85695356

00:32:09.180 --> 00:32:11.004 crowded environment where

NOTE Confidence: 0.85695356

00:32:11.004 --> 00:32:13.436 it's impossible to isolate?

NOTE Confidence: 0.85695356

00:32:13.440 --> 00:32:15.896 Where they are they in a multi unit

NOTE Confidence: 0.85695356

00:32:15.896 --> 00:32:17.454 dwelling which shared ventilation

NOTE Confidence: 0.85695356

00:32:17.454 --> 00:32:20.076 systems where it's easy for viral

NOTE Confidence: 0.85695356

00:32:20.076 --> 00:32:21.689 dispersion outside their home?

NOTE Confidence: 0.85695356

00:32:21.690 --> 00:32:22.274 Even so,

NOTE Confidence: 0.85695356

00:32:22.274 --> 00:32:24.026 these are all things that should

NOTE Confidence: 0.85695356

00:32:24.026 --> 00:32:25.937 be under consideration and then

NOTE Confidence: 0.85695356

00:32:25.937 --> 00:32:28.042 in the inpatient setting there's

NOTE Confidence: 0.85695356

00:32:28.042 --> 00:32:29.939 more information that's available.

NOTE Confidence: 0.85695356

00:32:29.940 --> 00:32:31.815 So patients should have some

NOTE Confidence: 0.85695356

00:32:31.815 --> 00:32:33.315 kovid testing results perhaps,

NOTE Confidence: 0.85695356

00:32:33.320 --> 00:32:35.658 and so looking at what is the

NOTE Confidence: 0.85695356

00:32:35.658 --> 00:32:37.160 hospital saying for patients

NOTE Confidence: 0.85695356

00:32:37.160 --> 00:32:39.315 who have pending covid tests?

NOTE Confidence: 0.85695356

00:32:39.320 --> 00:32:42.320 And what is that? What is their policy?

NOTE Confidence: 0.85695356

00:32:42.320 --> 00:32:45.309 What is the local health department's policy?

NOTE Confidence: 0.85695356

00:32:45.310 --> 00:32:46.534 At the very least,

NOTE Confidence: 0.85695356

00:32:46.534 --> 00:32:49.480 you should be looking at CDC recommendations.

NOTE Confidence: 0.85695356

00:32:49.480 --> 00:32:51.940 On protecting one mitigating risk during

NOTE Confidence: 0.85695356

00:32:51.940 --> 00:32:54.487 a GPS aerosol generating procedures in

NOTE Confidence: 0.85695356

00:32:54.487 --> 00:32:56.995 someone who's COVID-19 test is pending.

NOTE Confidence: 0.85695356

00:32:57.000 --> 00:32:59.680 If you suspect that they have it or

NOTE Confidence: 0.85695356

00:32:59.680 --> 00:33:02.438 that they definitely tested positive,

NOTE Confidence: 0.85695356

00:33:02.440 --> 00:33:05.226 then the we should attempt to avoid

NOTE Confidence: 0.85695356

00:33:05.226 --> 00:33:07.687 positive pressure therapy as much as

NOTE Confidence: 0.85695356

00:33:07.687 --> 00:33:09.677 possible in specific environments where

NOTE Confidence: 0.85695356

00:33:09.677 --> 00:33:12.049 there's an absence of ventilation,

NOTE Confidence: 0.85695356

00:33:12.050 --> 00:33:14.976 you don't have a negative pressure room.

NOTE Confidence: 0.85695356

00:33:14.980 --> 00:33:17.254 The staff don't have adequate access

NOTE Confidence: 0.85695356

00:33:17.254 --> 00:33:20.449 to PPE or other mitigation strategies.

NOTE Confidence: 0.85695356

00:33:20.450 --> 00:33:22.616 An if the test is negative,

NOTE Confidence: 0.85695356

00:33:22.620 --> 00:33:24.786 make sure you interpret that in

NOTE Confidence: 0.85695356

00:33:24.786 --> 00:33:26.230 the appropriate clinical context.

NOTE Confidence: 0.85695356

00:33:26.230 --> 00:33:28.035 So think about the possibility

NOTE Confidence: 0.85695356

00:33:28.035 --> 00:33:29.840 of a false negative test.

NOTE Confidence: 0.85695356

00:33:29.840 --> 00:33:32.360 If your pretest probability is very high.

NOTE Confidence: 0.85695356

00:33:32.360 --> 00:33:35.248 So if the patient appears to be sick,

NOTE Confidence: 0.85695356

00:33:35.250 --> 00:33:37.777 or you suspect that they have it.

NOTE Confidence: 0.85695356

00:33:37.780 --> 00:33:39.866 If the region has a very high

NOTE Confidence: 0.85695356

00:33:39.866 --> 00:33:41.610 penetration of cases and then

NOTE Confidence: 0.85695356

00:33:41.610 --> 00:33:43.575 look again at the environmental

NOTE Confidence: 0.85695356

00:33:43.575 --> 00:33:45.360 factors and environmental controls,

NOTE Confidence: 0.85695356

00:33:45.360 --> 00:33:47.160 what is the ventilation like?

NOTE Confidence: 0.85695356

00:33:47.160 --> 00:33:50.555 Do you have access to pee pee?

NOTE Confidence: 0.85695356

00:33:50.560 --> 00:33:54.016 And if you absolutely have to use C Pap,

NOTE Confidence: 0.85695356

00:33:54.020 --> 00:33:55.940 try using alternate therapies instead,

NOTE Confidence: 0.85695356

00:33:55.940 --> 00:33:58.238 like raising the head of the

NOTE Confidence: 0.85695356

00:33:58.238 --> 00:33:59.387 bed prone positioning,

NOTE Confidence: 0.85695356

00:33:59.390 --> 00:34:01.700 using oxygen as a bridge therapy,

NOTE Confidence: 0.85695356

00:34:01.700 --> 00:34:04.374 and importantly in any of these patients,

NOTE Confidence: 0.85695356

00:34:04.380 --> 00:34:06.700 limit airway procedures and anything

NOTE Confidence: 0.85695356

00:34:06.700 --> 00:34:09.020 that can increase their civilization.

NOTE Confidence: 0.85695356

00:34:09.020 --> 00:34:10.157 And then finally,

NOTE Confidence: 0.85695356

00:34:10.157 --> 00:34:12.052 let's look at mitigating risk

NOTE Confidence: 0.85695356

00:34:12.052 --> 00:34:13.460 within your practice.

NOTE Confidence: 0.85695356

00:34:13.460 --> 00:34:15.884 Here we refer to personnel to

NOTE Confidence: 0.85695356

00:34:15.884 --> 00:34:17.500 facilities and two equipment.

NOTE Confidence: 0.86854494

00:34:17.500 --> 00:34:19.520 So in terms of personnel,

NOTE Confidence: 0.86854494

00:34:19.520 --> 00:34:21.950 in order to really mitigate risk,

NOTE Confidence: 0.86854494

00:34:21.950 --> 00:34:24.284 it's important that personnel have access

NOTE Confidence: 0.86854494

00:34:24.284 --> 00:34:27.199 to educate their well educated or informed,

NOTE Confidence: 0.86854494

00:34:27.200 --> 00:34:29.618 and they know what's going on,

NOTE Confidence: 0.86854494

00:34:29.620 --> 00:34:31.645 and so that means educating

NOTE Confidence: 0.86854494

00:34:31.645 --> 00:34:32.860 personnel about you,

NOTE Confidence: 0.86854494

00:34:32.860 --> 00:34:34.072 know screening symptoms,

NOTE Confidence: 0.86854494

00:34:34.072 --> 00:34:35.792 hand washing, physical distancing,

NOTE Confidence: 0.86854494

00:34:35.792 --> 00:34:38.984 how to recognize if they have symptoms.

NOTE Confidence: 0.86854494

00:34:38.990 --> 00:34:40.880 And and what are your facility

NOTE Confidence: 0.86854494

00:34:40.880 --> 00:34:41.825 sick leave policy's?

NOTE Confidence: 0.86854494

00:34:41.830 --> 00:34:45.197 When should someone go to employee health?

NOTE Confidence: 0.86854494

00:34:45.200 --> 00:34:47.840 Make sure that they are aware of how

NOTE Confidence: 0.86854494

00:34:47.840 --> 00:34:50.740 to put on and take off paper suits.

NOTE Confidence: 0.86854494

00:34:50.740 --> 00:34:53.782 How do you decide which type of PP is

NOTE Confidence: 0.86854494

00:34:53.782 --> 00:34:56.266 appropriate given what you're about to do?

NOTE Confidence: 0.86854494

00:34:56.270 --> 00:34:58.566 So a high risk exposure may require

NOTE Confidence: 0.86854494

00:34:58.566 --> 00:35:00.675 higher levels of pbe than something

NOTE Confidence: 0.86854494

00:35:00.675 --> 00:35:02.793 that's a lower risk exposure and

NOTE Confidence: 0.86854494

00:35:02.793 --> 00:35:04.920 then look at availability of PP.

NOTE Confidence: 0.86854494

00:35:04.920 --> 00:35:07.405 Make sure that it's available before opening

NOTE Confidence: 0.86854494

00:35:07.405 --> 00:35:10.106 up services that you can protect your staff,

NOTE Confidence: 0.86854494

00:35:10.110 --> 00:35:13.150 and if someone is exposed then look at

NOTE Confidence: 0.86854494

00:35:13.150 --> 00:35:16.026 employee health and what is their guidance a.

NOTE Confidence: 0.86854494

00:35:16.030 --> 00:35:18.011 When should the person be tested versus

NOTE Confidence: 0.86854494

00:35:18.011 --> 00:35:19.738 Self Quarantine at home and isolate?

NOTE Confidence: 0.86854494

00:35:19.740 --> 00:35:21.672 Should they continue to report for work

NOTE Confidence: 0.86854494

00:35:21.672 --> 00:35:23.728 and what are the criteria for that?

NOTE Confidence: 0.86854494

00:35:23.730 --> 00:35:27.384 One is a safe time to return to work?

NOTE Confidence: 0.86854494

00:35:27.390 --> 00:35:29.250 And if someone one of your

NOTE Confidence: 0.86854494

00:35:29.250 --> 00:35:30.180 staff has symptoms,

NOTE Confidence: 0.86854494

00:35:30.180 --> 00:35:32.189 make sure that they know that they

NOTE Confidence: 0.86854494

00:35:32.189 --> 00:35:34.306 should not report to work under those

NOTE Confidence: 0.86854494

00:35:34.306 --> 00:35:36.094 situations and make sure the lines

NOTE Confidence: 0.86854494

00:35:36.159 --> 00:35:38.151 of communication and all these policy

NOTE Confidence: 0.86854494

00:35:38.151 --> 00:35:40.720 changes that are clear and open in fact,

NOTE Confidence: 0.86854494

00:35:40.720 --> 00:35:41.960 consider setting up regular,

NOTE Confidence: 0.86854494

00:35:41.960 --> 00:35:43.844 ongoing recurring meetings so

NOTE Confidence: 0.86854494

00:35:43.844 --> 00:35:46.199 that everybody is on board.

NOTE Confidence: 0.86854494

00:35:46.200 --> 00:35:48.433 Now the ASM recommends that the patient

NOTE Confidence: 0.86854494

00:35:48.433 --> 00:35:50.361 to technology ratios that you should

NOTE Confidence: 0.86854494

00:35:50.361 --> 00:35:52.179 have one technician to every two

NOTE Confidence: 0.86854494

00:35:52.179 --> 00:35:53.930 patients under usual circumstances.

NOTE Confidence: 0.86854494

00:35:53.930 --> 00:35:57.514 If you're doing, it in lab sleep study.

NOTE Confidence: 0.86854494

00:35:57.520 --> 00:35:59.806 But the guidance that we offer

NOTE Confidence: 0.86854494

00:35:59.806 --> 00:36:01.760 suggests that COVID-19 concerns could.

NOTE Confidence: 0.86854494

00:36:01.760 --> 00:36:02.915 They're not usual,

NOTE Confidence: 0.86854494

00:36:02.915 --> 00:36:04.840 they could be considered unusual,

NOTE Confidence: 0.86854494

00:36:04.840 --> 00:36:07.150 and so you think about whether

NOTE Confidence: 0.86854494

00:36:07.150 --> 00:36:08.690 other ratios are appropriate,

NOTE Confidence: 0.86854494

00:36:08.690 --> 00:36:10.993 and some of that may have to

NOTE Confidence: 0.86854494

00:36:10.993 --> 00:36:12.920 do with local prevalence,

NOTE Confidence: 0.86854494

00:36:12.920 --> 00:36:13.760 technologist factors.

NOTE Confidence: 0.86854494

00:36:13.760 --> 00:36:17.642 They may be some text who just don't feel

NOTE Confidence: 0.86854494

00:36:17.642 --> 00:36:20.750 comfortable taking on more than one patient.

NOTE Confidence: 0.86854494

00:36:20.750 --> 00:36:23.310 And so there are a lot of other

NOTE Confidence: 0.86854494

00:36:23.310 --> 00:36:25.869 criteria that need to go into into play.

NOTE Confidence: 0.86854494

00:36:25.870 --> 00:36:27.470 Sometimes you know during peaks

NOTE Confidence: 0.86854494

00:36:27.470 --> 00:36:29.400 of activity we actually had text.

NOTE Confidence: 0.86854494

00:36:29.400 --> 00:36:31.619 Who were you could have text to

NOTE Confidence: 0.86854494

00:36:31.619 --> 00:36:33.906 or furloughed text her out sick or

NOTE Confidence: 0.86854494

00:36:33.906 --> 00:36:34.857 who got redeployed.

NOTE Confidence: 0.86854494

00:36:34.860 --> 00:36:37.093 So make sure that the ones that

NOTE Confidence: 0.86854494

00:36:37.093 --> 00:36:39.030 are there they may be taxed.

NOTE Confidence: 0.86854494

00:36:39.030 --> 00:36:41.256 They may be doing other activities like

NOTE Confidence: 0.86854494

00:36:41.256 --> 00:36:42.880 onboarding patients in Tele health,

NOTE Confidence: 0.86854494

00:36:42.880 --> 00:36:45.162 so under that that type of stressful

NOTE Confidence: 0.86854494

00:36:45.162 --> 00:36:47.065 situation make sure that the workforce

NOTE Confidence: 0.86854494

00:36:47.065 --> 00:36:49.067 that you do have has access to

NOTE Confidence: 0.86854494

00:36:49.125 --> 00:36:51.153 adequate rest breaks and that sick

NOTE Confidence: 0.86854494

00:36:51.153 --> 00:36:53.152 leave policy's for them are flexible,

NOTE Confidence: 0.86854494

00:36:53.152 --> 00:36:54.436 that they're consistent with

NOTE Confidence: 0.86854494

00:36:54.436 --> 00:36:56.150 public health guidance, and that.

NOTE Confidence: 0.86854494

00:36:56.150 --> 00:36:56.900 Your fat,

NOTE Confidence: 0.86854494

00:36:56.900 --> 00:36:58.775 your employees actually know what

NOTE Confidence: 0.86854494

00:36:58.775 --> 00:37:01.087 they are in terms of the facility.

NOTE Confidence: 0.86854494

00:37:01.090 --> 00:37:03.442 Think about how can you promote social

NOTE Confidence: 0.86854494

00:37:03.442 --> 00:37:05.010 distancing inside your facility.

NOTE Confidence: 0.86854494

00:37:05.010 --> 00:37:06.815 So Tele medicine obviously is

NOTE Confidence: 0.86854494

00:37:06.815 --> 00:37:08.930 a great way to do it.

NOTE Confidence: 0.86854494

00:37:08.930 --> 00:37:09.640 But then,

NOTE Confidence: 0.86854494

00:37:09.640 --> 00:37:11.770 if you're offering in person services,

NOTE Confidence: 0.86854494

00:37:11.770 --> 00:37:13.194 look at your layout.

NOTE Confidence: 0.86854494

00:37:13.194 --> 00:37:14.974 How can you avoid crowding?

NOTE Confidence: 0.8405981

00:37:14.980 --> 00:37:16.735 What preemptive strategies can you

NOTE Confidence: 0.8405981

00:37:16.735 --> 00:37:19.250 take where you setting up your chairs?

NOTE Confidence: 0.8405981

00:37:19.250 --> 00:37:20.351 Use distance markers?

NOTE Confidence: 0.8405981

00:37:20.351 --> 00:37:22.186 Avoid pileup of patients and

NOTE Confidence: 0.8405981

00:37:22.186 --> 00:37:24.229 check in and check out areas.

NOTE Confidence: 0.8405981

00:37:24.230 --> 00:37:26.660 Make sure sanitizer and PPER available.

NOTE Confidence: 0.8405981

00:37:26.660 --> 00:37:29.462 And that there are signs everywhere

NOTE Confidence: 0.8405981

00:37:29.462 --> 00:37:32.640 reminding patients and staff to to have their

NOTE Confidence: 0.8405981

00:37:32.640 --> 00:37:35.580 masks on and then talk to your building.

NOTE Confidence: 0.8405981

00:37:35.580 --> 00:37:37.480 Environmental control staff About Air

NOTE Confidence: 0.8405981

00:37:37.480 --> 00:37:39.850 Quality and what type of ventilation

NOTE Confidence: 0.8405981

00:37:39.850 --> 00:37:42.268 and filtration systems are in use.

NOTE Confidence: 0.8405981

00:37:42.270 --> 00:37:45.950 And is it possible to even consider using

NOTE Confidence: 0.8405981

00:37:45.950 --> 00:37:48.834 outdoor spaces for providing education

NOTE Confidence: 0.8405981

00:37:48.834 --> 00:37:51.964 sessions or for dispensing equipment?

NOTE Confidence: 0.8405981

00:37:51.970 --> 00:37:54.166 And then make sure you're looking

NOTE Confidence: 0.8405981

00:37:54.166 --> 00:37:56.164 at CDC recommendations for cleaning

NOTE Confidence: 0.8405981

00:37:56.164 --> 00:37:58.514 and disinfecting equipment in rooms

NOTE Confidence: 0.8405981

00:37:58.514 --> 00:38:00.394 and manufacturers themselves can

NOTE Confidence: 0.8405981

00:38:00.455 --> 00:38:01.967 offer cleaning information about

NOTE Confidence: 0.8405981

00:38:01.967 --> 00:38:04.235 equipment as well as the CDC,

NOTE Confidence: 0.8405981

00:38:04.240 --> 00:38:07.103 so the other question that comes up

NOTE Confidence: 0.8405981

00:38:07.103 --> 00:38:10.011 with equipment is if a patient had

NOTE Confidence: 0.8405981

00:38:10.011 --> 00:38:12.417 COVID-19 UC pap and then recovered,

NOTE Confidence: 0.8405981

00:38:12.420 --> 00:38:15.276 what should you do with the filters?

NOTE Confidence: 0.8405981

00:38:15.280 --> 00:38:18.150 And is there a risk for reinfection?

NOTE Confidence: 0.8405981

00:38:18.150 --> 00:38:21.188 We we don't know with certainty that

NOTE Confidence: 0.8405981

00:38:21.188 --> 00:38:23.700 there's zero risk for infection.

NOTE Confidence: 0.8405981

00:38:23.700 --> 00:38:25.848 So our suggestion was that there

NOTE Confidence: 0.8405981

00:38:25.848 --> 00:38:27.689 basically low-cost items to replace

NOTE Confidence: 0.8405981

00:38:27.689 --> 00:38:29.735 filters and tubing and so forth,

NOTE Confidence: 0.8405981

00:38:29.740 --> 00:38:31.870 so we recommended that once full

NOTE Confidence: 0.8405981

00:38:31.870 --> 00:38:33.290 recovery is taking place,

NOTE Confidence: 0.8405981

00:38:33.290 --> 00:38:35.768 that everything is is is is replaced,

NOTE Confidence: 0.8405981

00:38:35.770 --> 00:38:37.772 but the data on reinfection or right

NOTE Confidence: 0.8405981

00:38:37.772 --> 00:38:40.565 now seem to suggest there is not robust

NOTE Confidence: 0.8405981

00:38:40.565 --> 00:38:42.440 data that suggests that reinfection

NOTE Confidence: 0.8405981

00:38:42.504 --> 00:38:44.649 is possible is definitely happening,

NOTE Confidence: 0.8405981

00:38:44.650 --> 00:38:46.780 but we are also still relatively

NOTE Confidence: 0.8405981

00:38:46.780 --> 00:38:48.200 early in the pandemic,

NOTE Confidence: 0.8405981

00:38:48.200 --> 00:38:51.040 and as time goes on an immunity wanes.

NOTE Confidence: 0.8405981

00:38:51.040 --> 00:38:54.218 We may start to see some cases.

NOTE Confidence: 0.8405981

00:38:54.220 --> 00:38:55.640 It is clear though,

NOTE Confidence: 0.8405981

00:38:55.640 --> 00:38:57.770 that after two to three months,

NOTE Confidence: 0.8405981

00:38:57.770 --> 00:39:00.255 you romantic bodies do tend to wane,

NOTE Confidence: 0.8405981

00:39:00.260 --> 00:39:02.264 but it's thought that memory T

NOTE Confidence: 0.8405981

00:39:02.264 --> 00:39:04.428 cells still persist and offer some

NOTE Confidence: 0.8405981

00:39:04.428 --> 00:39:05.577 level of protection.

NOTE Confidence: 0.8405981

00:39:05.580 --> 00:39:06.492 In South Korea,

NOTE Confidence: 0.8405981

00:39:06.492 --> 00:39:08.620 there was a series of 284 cases

NOTE Confidence: 0.8405981

00:39:08.691 --> 00:39:10.947 that had a second positive test

NOTE Confidence: 0.8405981

00:39:10.947 --> 00:39:12.904 sometime within months two and

NOTE Confidence: 0.8405981

00:39:12.904 --> 00:39:14.460 three after symptom onset.

NOTE Confidence: 0.8405981

00:39:14.460 --> 00:39:14.809 However,

NOTE Confidence: 0.8405981

00:39:14.809 --> 00:39:16.903 in those patients they were not

NOTE Confidence: 0.8405981

00:39:16.903 --> 00:39:19.076 able to actually grow live virus

NOTE Confidence: 0.8405981

00:39:19.076 --> 00:39:21.200 from any of their registry isolates,

NOTE Confidence: 0.8405981

00:39:21.200 --> 00:39:23.140 and there was no transmission

NOTE Confidence: 0.8405981

00:39:23.140 --> 00:39:23.916 secondary transmission.

NOTE Confidence: 0.8405981

00:39:23.920 --> 00:39:26.195 Two 790 Contacts that were traced at

NOTE Confidence: 0.8405981

00:39:26.195 --> 00:39:28.434 this later time point and there were

NOTE Confidence: 0.8405981

00:39:28.434 --> 00:39:30.986 a subset of 23 patients who had serum

NOTE Confidence: 0.8405981

00:39:30.986 --> 00:39:33.050 drawn before and after the retest,

NOTE Confidence: 0.8405981

00:39:33.050 --> 00:39:35.332 and it turns out 96% of them

NOTE Confidence: 0.8405981

00:39:35.332 --> 00:39:36.310 still had antibodies.

NOTE Confidence: 0.8405981

00:39:36.310 --> 00:39:38.374 So at this point the evidence

NOTE Confidence: 0.8405981

00:39:38.374 --> 00:39:40.710 is not strong for reinfection.

NOTE Confidence: 0.8405981

00:39:40.710 --> 00:39:43.113 So I want to thank the COVID-19 Task Force.

NOTE Confidence: 0.8405981

00:39:43.120 --> 00:39:44.788 We've had an amazing group that

NOTE Confidence: 0.8405981

00:39:44.788 --> 00:39:46.422 works extremely hard and I thank

NOTE Confidence: 0.8405981

00:39:46.422 --> 00:39:47.820 you for your attention and I'm

NOTE Confidence: 0.8405981

00:39:47.820 --> 00:39:49.290 happy to take any questions.

NOTE Confidence: 0.85824716

00:40:02.840 --> 00:40:05.246 Do people need to be unmuted?

NOTE Confidence: 0.85824716

00:40:05.250 --> 00:40:06.864 Does anyone have their hand raised

NOTE Confidence: 0.85824716

00:40:06.864 --> 00:40:08.920 you so much for a wonderful talk?

NOTE Confidence: 0.85824716

00:40:08.920 --> 00:40:10.606 If anyone wants to put questions

NOTE Confidence: 0.85824716

00:40:10.606 --> 00:40:12.576 in the chat, you can do that.

NOTE Confidence: 0.85824716

00:40:12.580 --> 00:40:15.228 Or if you want to just unmute yourself

NOTE Confidence: 0.85824716

00:40:15.228 --> 00:40:17.948 so you can ask questions directly.

NOTE Confidence: 0.85824716

00:40:17.950 --> 00:40:20.400 Indira, please feel free to

NOTE Confidence: 0.85824716

00:40:20.400 --> 00:40:22.850 share what you were doing.

NOTE Confidence: 0.85824716

00:40:22.850 --> 00:40:25.790 If there's something you figured out,

NOTE Confidence: 0.85824716

00:40:25.790 --> 00:40:27.750 this is your chance.

NOTE Confidence: 0.85824716

00:40:27.750 --> 00:40:29.220 So from you.

NOTE Confidence: 0.85824716

00:40:29.220 --> 00:40:31.180 So Indira, the ASM

NOTE Confidence: 0.8091389

00:40:31.180 --> 00:40:34.120 looking at the the long haulers,

NOTE Confidence: 0.8091389

00:40:34.120 --> 00:40:37.060 the patients that have symptoms related

NOTE Confidence: 0.8091389

00:40:37.060 --> 00:40:40.776 to sleep that are just not going away.

NOTE Confidence: 0.8091389

00:40:40.776 --> 00:40:43.730 I I'm not talking about sleep apnea

NOTE Confidence: 0.8091389

00:40:43.814 --> 00:40:46.957 now I'm talking about patients who had

NOTE Confidence: 0.8091389

00:40:46.960 --> 00:40:49.259 Covid who continue to have symptoms

NOTE Confidence: 0.8091389

00:40:49.259 --> 00:40:51.938 of all sorts, many of which involve

NOTE Confidence: 0.874362570370371

00:40:51.940 --> 00:40:54.061 sleep. Yeah, I think that's a That

NOTE Confidence: 0.874362570370371

00:40:54.061 --> 00:40:56.518 is a great great point and I think

NOTE Confidence: 0.874362570370371

00:40:56.518 --> 00:40:59.451 it's one of the many areas where we

NOTE Confidence: 0.874362570370371

00:40:59.451 --> 00:41:01.295 need increased research activity.

NOTE Confidence: 0.874362570370371

00:41:01.300 --> 00:41:03.351 I believe there are groups that are

NOTE Confidence: 0.874362570370371

00:41:03.351 --> 00:41:04.619 tracking what's happening longitudinally

NOTE Confidence: 0.874362570370371

00:41:04.619 --> 00:41:06.635 with some of these kovid patients.

NOTE Confidence: 0.874362570370371

00:41:06.640 --> 00:41:09.354 I can't tell you who they are, but I.

NOTE Confidence: 0.874362570370371

00:41:09.354 --> 00:41:11.153 I mean, I know New York has

NOTE Confidence: 0.874362570370371

00:41:11.153 --> 00:41:13.240 had huge spikes in activities.

NOTE Confidence: 0.874362570370371

00:41:13.240 --> 00:41:14.850 There's probably a great cohort

NOTE Confidence: 0.874362570370371

00:41:14.850 --> 00:41:17.077 to follow there as well as some

NOTE Confidence: 0.874362570370371

00:41:17.077 --> 00:41:18.727 of the other cities that have

NOTE Confidence: 0.874362570370371

00:41:18.727 --> 00:41:20.458 had major spikes in activity,

NOTE Confidence: 0.874362570370371

00:41:20.460 --> 00:41:23.967 but I think that's a great point.

NOTE Confidence: 0.874362570370371

00:41:23.970 --> 00:41:25.909 You know the other aspect of this

NOTE Confidence: 0.874362570370371

00:41:25.909 --> 00:41:27.940 is that when you look at immunity

NOTE Confidence: 0.874362570370371

00:41:27.940 --> 00:41:30.250 and you look at this hyper immunity,

NOTE Confidence: 0.874362570370371

00:41:30.250 --> 00:41:32.240 the hyper immune reaction that

NOTE Confidence: 0.874362570370371

00:41:32.240 --> 00:41:34.734 people are talking about in the

NOTE Confidence: 0.874362570370371

00:41:34.734 --> 00:41:36.438 cases with severe COVID-19.

NOTE Confidence: 0.874362570370371

00:41:36.440 --> 00:41:38.228 You know, sleep is a major

NOTE Confidence: 0.874362570370371

00:41:38.228 --> 00:41:39.420 modulator of immune function,

NOTE Confidence: 0.874362570370371

00:41:39.420 --> 00:41:41.660 and so we really should be doing crossover

NOTE Confidence: 0.874362570370371

00:41:41.660 --> 00:41:43.288 studies between sleep and immunology.

NOTE Confidence: 0.874362570370371

00:41:43.290 --> 00:41:45.610 There are a lot of research questions that

NOTE Confidence: 0.874362570370371

00:41:45.610 --> 00:41:48.057 come up here that need to be addressed.

NOTE Confidence: 0.8703743

00:41:52.060 --> 00:41:54.718 But yeah, sleep disruption and what

NOTE Confidence: 0.8703743

00:41:54.718 --> 00:41:57.876 happens to sleep apnea with chronic lung

NOTE Confidence: 0.8703743

00:41:57.876 --> 00:42:00.921 damage and with the level of hypoxemia?

NOTE Confidence: 0.8703743

00:42:00.930 --> 00:42:03.490 Yeah, so send up needing oxygen, yeah,

NOTE Confidence: 0.86422795

00:42:03.490 --> 00:42:05.734 so there's one group of patients

NOTE Confidence: 0.86422795

00:42:05.734 --> 00:42:08.184 that I have seen have developed

NOTE Confidence: 0.86422795

00:42:08.184 --> 00:42:10.364 a fear of falling asleep.

NOTE Confidence: 0.86422795

00:42:10.370 --> 00:42:12.836 Who who don't actually have.

NOTE Confidence: 0.86422795

00:42:12.836 --> 00:42:14.950 A reason for it,

NOTE Confidence: 0.86422795

00:42:14.950 --> 00:42:17.432 they they just developed a fear.

NOTE Confidence: 0.86422795

00:42:17.432 --> 00:42:18.260 Falling asleep.

NOTE Confidence: 0.86422795

00:42:18.260 --> 00:42:20.650 Lot of patients have nightmares

NOTE Confidence: 0.86422795

00:42:20.650 --> 00:42:23.040 that they've never had before.

NOTE Confidence: 0.86422795

00:42:23.040 --> 00:42:24.676 And interesting, Lee enough.

NOTE Confidence: 0.86422795

00:42:24.676 --> 00:42:27.130 There's another group of people that

NOTE Confidence: 0.86422795

00:42:27.200 --> 00:42:29.292 I've encountered who are actually

NOTE Confidence: 0.86422795

00:42:29.292 --> 00:42:32.223 sleeping a lot more since Covid, Ann,

NOTE Confidence: 0.86422795

00:42:32.223 --> 00:42:35.184 and it's kind of interesting is that

NOTE Confidence: 0.86422795

00:42:35.184 --> 00:42:38.056 they say one of the reasons there

NOTE Confidence: 0.86422795

00:42:38.056 --> 00:42:40.972 kind of sleeping is to kill time.

NOTE Confidence: 0.86422795

00:42:40.972 --> 00:42:42.222 They're incredibly this,

NOTE Confidence: 0.86422795

00:42:42.222 --> 00:42:43.055 especially students.

NOTE Confidence: 0.86422795

00:42:43.055 --> 00:42:44.304 They're incredibly bored,

NOTE Confidence: 0.86422795

00:42:44.304 --> 00:42:47.223 and they wish that their life would,

NOTE Confidence: 0.86422795

00:42:47.230 --> 00:42:48.056 you know,

NOTE Confidence: 0.86422795

00:42:48.056 --> 00:42:51.810 go into Fast forward so they can get over

NOTE Confidence: 0.848936125

00:42:51.810 --> 00:42:53.340 this thing. Wow.

NOTE Confidence: 0.848936125

00:42:53.340 --> 00:42:55.455 So there's a lot of interesting

NOTE Confidence: 0.848936125

00:42:55.455 --> 00:42:57.700 stuff out there that we just don't

NOTE Confidence: 0.848936125

00:42:57.700 --> 00:42:59.626 know much about. Yes, I agree.

NOTE Confidence: 0.848936125

00:42:59.630 --> 00:43:01.688 And also with Tele work and what

NOTE Confidence: 0.848936125

00:43:01.688 --> 00:43:03.614 that's done with schedules and the

NOTE Confidence: 0.848936125

00:43:03.614 --> 00:43:05.564 opportunity for a later start in

NOTE Confidence: 0.848936125

00:43:05.564 --> 00:43:07.605 the morning has it actually helps

NOTE Confidence: 0.848936125

00:43:07.605 --> 00:43:09.548 some of our delayed sleep phasers

NOTE Confidence: 0.848936125

00:43:09.548 --> 00:43:11.276 have less misalignment and less a

NOTE Confidence: 0.848936125

00:43:11.276 --> 00:43:13.110 little bit less sleep deprivation.

NOTE Confidence: 0.848936125

00:43:13.110 --> 00:43:15.036 Yeah, there are a lot of

NOTE Confidence: 0.848936125

00:43:15.036 --> 00:43:15.999 really good questions.

NOTE Confidence: 0.848936125

00:43:16.000 --> 00:43:17.968 I've also heard about the possibility

NOTE Confidence: 0.848936125

00:43:17.968 --> 00:43:20.252 of Kleine Levin in some of our

NOTE Confidence: 0.848936125

00:43:20.252 --> 00:43:22.198 patients because of the, you know,

NOTE Confidence: 0.848936125

00:43:22.198 --> 00:43:24.043 any acute viral illness can

NOTE Confidence: 0.848936125

00:43:24.043 --> 00:43:25.770 precipitate that sleep disorder.

NOTE Confidence: 0.848936125

00:43:25.770 --> 00:43:27.954 So I think that you know the coming

NOTE Confidence: 0.848936125

00:43:27.954 --> 00:43:29.628 months and years we're going to

NOTE Confidence: 0.848936125

00:43:29.628 --> 00:43:31.587 be able to take a Fuller tally

NOTE Confidence: 0.848936125

00:43:31.587 --> 00:43:33.955 of the impact this has had on our

NOTE Confidence: 0.848936125

00:43:33.955 --> 00:43:35.680 population in terms of sleep health,

NOTE Confidence: 0.848936125

00:43:35.680 --> 00:43:37.810 yeah.

NOTE Confidence: 0.848936125

00:43:37.810 --> 00:43:40.126 For anyone interested in finding out

NOTE Confidence: 0.848936125

00:43:40.126 --> 00:43:42.919 more about the types of Covetous and

NOTE Confidence: 0.848936125

00:43:42.919 --> 00:43:45.670 which one is appropriate in your practice,

NOTE Confidence: 0.848936125

00:43:45.670 --> 00:43:47.640 we have a great talk.

NOTE Confidence: 0.848936125

00:43:47.640 --> 00:43:49.500 The ASM virtual sleep meeting

NOTE Confidence: 0.848936125

00:43:49.500 --> 00:43:52.240 happened at the end of August and

NOTE Confidence: 0.848936125

00:43:52.240 --> 00:43:54.646 Romy Hoque did a really wonderful

NOTE Confidence: 0.848936125

00:43:54.646 --> 00:43:56.669 synopsis of Cove in testing,

NOTE Confidence: 0.848936125

00:43:56.670 --> 00:43:59.790 so I would refer anyone who's

NOTE Confidence: 0.848936125

00:43:59.790 --> 00:44:02.899 interested to give it a listen.

NOTE Confidence: 0.848936125

00:44:02.900 --> 00:44:05.007 I'll just read out there's a question

NOTE Confidence: 0.848936125

00:44:05.007 --> 00:44:06.973 in the chat Endura from current

NOTE Confidence: 0.848936125

00:44:06.973 --> 00:44:09.297 Johnson at Bay State and she asks.

NOTE Confidence: 0.848936125

00:44:09.300 --> 00:44:10.970 She says we're testing patients

NOTE Confidence: 0.848936125

00:44:10.970 --> 00:44:13.299 prior to in lab testing for patients

NOTE Confidence: 0.848936125

00:44:13.299 --> 00:44:15.378 who have had kovid in the past.

NOTE Confidence: 0.848936125

00:44:15.380 --> 00:44:16.980 Since they may be positive

NOTE Confidence: 0.848936125

00:44:16.980 --> 00:44:18.852 for a long time on PCR,

NOTE Confidence: 0.848936125

00:44:18.852 --> 00:44:21.709 do you think that if they come in for

NOTE Confidence: 0.848936125

00:44:21.709 --> 00:44:24.012 a sleep study two weeks and symptom

NOTE Confidence: 0.8452513

00:44:24.020 --> 00:44:25.940 free later that they can be

NOTE Confidence: 0.8452513

00:44:25.940 --> 00:44:27.220 done without extra precautions?

NOTE Confidence: 0.8452513

00:44:27.220 --> 00:44:29.460 What about if they had kovid three

NOTE Confidence: 0.8452513

00:44:29.460 --> 00:44:31.700 or six months ago? Would you retest

NOTE Confidence: 0.8452513

00:44:31.700 --> 00:44:34.240 them at that point?

NOTE Confidence: 0.8452513

00:44:34.240 --> 00:44:35.624 Yeah, so thanks Karen.

NOTE Confidence: 0.8452513

00:44:35.624 --> 00:44:37.354 That's those are great questions.

NOTE Confidence: 0.8452513

00:44:37.360 --> 00:44:39.268 And yeah, I think the CDC

NOTE Confidence: 0.8452513

00:44:39.268 --> 00:44:40.540 changed their recommendation in

NOTE Confidence: 0.8452513

00:44:40.600 --> 00:44:42.220 originally with milder cases.

NOTE Confidence: 0.8452513

00:44:42.220 --> 00:44:44.302 There were two ways to determine

NOTE Confidence: 0.8452513

00:44:44.302 --> 00:44:45.690 when somebody had recovered.

NOTE Confidence: 0.8452513

00:44:45.690 --> 00:44:47.766 One was a test based strategy,

NOTE Confidence: 0.8452513

00:44:47.770 --> 00:44:50.164 which means you had two tests at

NOTE Confidence: 0.8452513

00:44:50.164 --> 00:44:52.266 least 24 hours apart before they

NOTE Confidence: 0.8452513

00:44:52.266 --> 00:44:55.035 can be deemed to be clear of virus

NOTE Confidence: 0.8452513

00:44:55.035 --> 00:44:57.827 and the other ways is if they were

NOTE Confidence: 0.8452513

00:44:57.827 --> 00:45:00.189 symptom free for 10 days and so you

NOTE Confidence: 0.8452513

00:45:00.189 --> 00:45:02.836 can you can use the symptom based

NOTE Confidence: 0.8452513

00:45:02.836 --> 00:45:04.966 strategy for the milder cases.

NOTE Confidence: 0.8452513

00:45:04.970 --> 00:45:06.908 For some of the people who

NOTE Confidence: 0.8452513

00:45:06.908 --> 00:45:07.877 have chronic illnesses,

NOTE Confidence: 0.8452513

00:45:07.880 --> 00:45:10.024 they can take longer to clear the virus

NOTE Confidence: 0.8452513

00:45:10.024 --> 00:45:12.079 and have persistent positive tests.

NOTE Confidence: 0.8452513

00:45:12.080 --> 00:45:14.408 It's hard to know if they have a

NOTE Confidence: 0.8452513

00:45:14.408 --> 00:45:16.484 positive test is a viral fragments or

NOTE Confidence: 0.8452513

00:45:16.484 --> 00:45:19.180 if they are sick with many comorbidities.

NOTE Confidence: 0.8452513

00:45:19.180 --> 00:45:21.329 Is it that it's lingering and that

NOTE Confidence: 0.8452513

00:45:21.329 --> 00:45:23.060 they potentially could be infectious?

NOTE Confidence: 0.8452513

00:45:23.060 --> 00:45:24.670 So I think those needs,

NOTE Confidence: 0.8452513

00:45:24.670 --> 00:45:27.814 and when is the window of time when

NOTE Confidence: 0.8452513

00:45:27.814 --> 00:45:30.060 someone clearly can be considered recovered.

NOTE Confidence: 0.8452513

00:45:30.060 --> 00:45:32.430 So these are all nebulous questions

NOTE Confidence: 0.8452513

00:45:32.430 --> 00:45:35.237 and we talked about it in our group.

NOTE Confidence: 0.8452513

00:45:35.240 --> 00:45:37.830 I would say consider an ID console.

NOTE Confidence: 0.8452513

00:45:37.830 --> 00:45:38.444 In fact,

NOTE Confidence: 0.8452513

00:45:38.444 --> 00:45:41.435 if you if you have a question and as

NOTE Confidence: 0.8452513

00:45:41.435 --> 00:45:43.745 far as antibodies response waiting,

NOTE Confidence: 0.8452513

00:45:43.750 --> 00:45:46.486 I think that it's thought that

NOTE Confidence: 0.8452513

00:45:46.486 --> 00:45:49.530 up to three months they may be.

NOTE Confidence: 0.8452513

00:45:49.530 --> 00:45:49.899 Protected,

NOTE Confidence: 0.8452513

00:45:49.899 --> 00:45:52.113 but once you start getting outside

NOTE Confidence: 0.8452513

00:45:52.113 --> 00:45:54.534 that six month window then we don't

NOTE Confidence: 0.8452513

00:45:54.534 --> 00:45:57.094 know and even within the three to six

NOTE Confidence: 0.8452513

00:45:57.094 --> 00:45:59.074 month window, we just don't know,

NOTE Confidence: 0.8452513

00:45:59.074 --> 00:46:00.779 but we haven't seen it,

NOTE Confidence: 0.8452513

00:46:00.780 --> 00:46:02.943 though we haven't seen a robust relapse

NOTE Confidence: 0.8452513

00:46:02.943 --> 00:46:05.219 rate or every infection rate rather,

NOTE Confidence: 0.8452513

00:46:05.220 --> 00:46:05.908 but relapse.

NOTE Confidence: 0.8452513

00:46:05.908 --> 00:46:08.316 It is possible if they never fully

NOTE Confidence: 0.8452513

00:46:08.316 --> 00:46:10.609 recovered the first time and they could

NOTE Confidence: 0.8452513

00:46:10.609 --> 00:46:12.808 still have the ability to relapse

NOTE Confidence: 0.8452513

00:46:12.808 --> 00:46:15.008 and potentially become infectious again.

NOTE Confidence: 0.8452513

00:46:15.010 --> 00:46:15.876 So yeah,

NOTE Confidence: 0.8452513

00:46:15.876 --> 00:46:19.340 I think will Carnes doing is pointing to.

NOTE Confidence: 0.8452513

00:46:19.340 --> 00:46:21.072 If someone tests positive,

NOTE Confidence: 0.8452513

00:46:21.072 --> 00:46:23.237 are they infected or infectious?

NOTE Confidence: 0.8452513

00:46:23.240 --> 00:46:26.930 And that's a really important distinction.

NOTE Confidence: 0.8452513

00:46:26.930 --> 00:46:30.212 And so antibody testing it's it's

NOTE Confidence: 0.8452513

00:46:30.212 --> 00:46:33.910 not thought to be fully useful.

NOTE Confidence: 0.8452513

00:46:33.910 --> 00:46:35.877 So it really is a clinical question

NOTE Confidence: 0.8452513

00:46:35.877 --> 00:46:38.188 and this is really for the patients

NOTE Confidence: 0.8452513

00:46:38.188 --> 00:46:39.948 who have moderate to severe

NOTE Confidence: 0.8452513

00:46:39.948 --> 00:46:41.911 disease and they are in a high

NOTE Confidence: 0.8452513

00:46:41.911 --> 00:46:43.312 risk group with many comorbidities.

NOTE Confidence: 0.8452513

00:46:43.312 --> 00:46:46.288 But the ones who are healthy have mild

NOTE Confidence: 0.8452513

00:46:46.288 --> 00:46:48.928 cases can be declared free once they are.

NOTE Confidence: 0.8452513

00:46:48.930 --> 00:46:52.370 Once they haven't had symptoms.

NOTE Confidence: 0.8452513

00:46:52.370 --> 00:46:54.910 Or 10 days or more.

NOTE Confidence: 0.8452513

00:46:54.910 --> 00:46:55.300 I

NOTE Confidence: 0.8438437

00:46:55.300 --> 00:46:57.658 classic question I see anywhere are

NOTE Confidence: 0.8438437

00:46:57.658 --> 00:47:00.409 you doing great talk? Thank you so

NOTE Confidence: 0.8438437

00:47:00.409 --> 00:47:02.374 much so question and observation.

NOTE Confidence: 0.8438437

00:47:02.380 --> 00:47:05.194 You know that study that you quoted

NOTE Confidence: 0.8438437

00:47:05.194 --> 00:47:07.687 regarding the covid virus still being

NOTE Confidence: 0.8438437

00:47:07.687 --> 00:47:10.501 on the various forms of materials and

NOTE Confidence: 0.8438437

00:47:10.582 --> 00:47:13.446 that's kind of what upset the basis for

NOTE Confidence: 0.8438437

00:47:13.446 --> 00:47:15.954 the three day recommendation that study.

NOTE Confidence: 0.8438437

00:47:15.954 --> 00:47:18.184 They didn't actually clean the

NOTE Confidence: 0.8438437

00:47:18.184 --> 00:47:20.457 materials after they re test it right?

NOTE Confidence: 0.8438437

00:47:20.460 --> 00:47:22.806 So that was that was just.

NOTE Confidence: 0.8438437

00:47:22.810 --> 00:47:25.420 So we're cleaning our studies.

NOTE Confidence: 0.8438437

00:47:25.420 --> 00:47:26.775 You know, so presumably there

NOTE Confidence: 0.8438437

00:47:26.775 --> 00:47:28.670 should be no no virus on there,

NOTE Confidence: 0.8438437

00:47:28.670 --> 00:47:30.356 but I don't think anyone is

NOTE Confidence: 0.8438437

00:47:30.356 --> 00:47:31.769 specifically studied that like I

NOTE Confidence: 0.8438437

00:47:31.769 --> 00:47:33.400 don't you know whether or not the

NOTE Confidence: 0.8438437

00:47:33.400 --> 00:47:35.177 cleaning how effective the cleaning is.

NOTE Confidence: 0.8438437

00:47:35.180 --> 00:47:37.070 I guess I sort of understand that,

NOTE Confidence: 0.8438437

00:47:37.070 --> 00:47:39.318 but that's sort of a little bit of

NOTE Confidence: 0.8438437

00:47:39.318 --> 00:47:40.892 something that's been an issue with

NOTE Confidence: 0.8438437

00:47:40.892 --> 00:47:43.039 us 'cause we want to get turned over.

NOTE Confidence: 0.8438437

00:47:43.040 --> 00:47:44.650 We had a big backlog of studies

NOTE Confidence: 0.8438437

00:47:44.650 --> 00:47:46.632 and we want to get them through

NOTE Confidence: 0.8438437

00:47:46.632 --> 00:47:48.177 in the three day recommendation.

NOTE Confidence: 0.8438437

00:47:48.180 --> 00:47:49.536 I kind of really slow things

NOTE Confidence: 0.8438437

00:47:49.536 --> 00:47:51.509 down a little bit and then just

NOTE Confidence: 0.8438437

00:47:51.509 --> 00:47:52.520 an interesting observation.

NOTE Confidence: 0.8438437

00:47:52.520 --> 00:47:54.290 I'm wondering if anyone has experienced

NOTE Confidence: 0.8438437

00:47:54.290 --> 00:47:56.280 this in their level Greece studies.

NOTE Confidence: 0.8438437

00:47:56.280 --> 00:47:57.745 We constantly cleaning these belts

NOTE Confidence: 0.8438437

00:47:57.745 --> 00:48:00.081 'cause the belts are really one and the

NOTE Confidence: 0.8438437

00:48:00.081 --> 00:48:01.725 device itself were not really reusable

NOTE Confidence: 0.8438437

00:48:01.725 --> 00:48:03.228 whereas we throw out the cannula.

NOTE Confidence: 0.8438437

00:48:03.230 --> 00:48:05.096 I could throughout the pulse ox

NOTE Confidence: 0.8438437

00:48:05.096 --> 00:48:07.205 but the belts have to be cleaned

NOTE Confidence: 0.8438437

00:48:07.205 --> 00:48:09.385 and as well as the device and our

NOTE Confidence: 0.8438437

00:48:09.385 --> 00:48:11.563 text to a lot of job in pushing the

NOTE Confidence: 0.8438437

00:48:11.570 --> 00:48:13.551 cleaning this stuff in the belts and

NOTE Confidence: 0.8438437

00:48:13.551 --> 00:48:14.985 we've noticed that we've actually

NOTE Confidence: 0.8438437

00:48:14.985 --> 00:48:16.569 lost a lot of the efforts.

NOTE Confidence: 0.8438437

00:48:16.570 --> 00:48:18.320 Signal the effort signals are not as

NOTE Confidence: 0.8438437

00:48:18.320 --> 00:48:20.192 good as they were before and we've

NOTE Confidence: 0.8438437

00:48:20.192 --> 00:48:22.147 gotten the machine was sort of fooled

NOTE Confidence: 0.8438437

00:48:22.147 --> 00:48:23.989 into thinking that there was central

NOTE Confidence: 0.8438437

00:48:23.989 --> 00:48:25.774 apnea when there really wasn't central

NOTE Confidence: 0.8438437

00:48:25.774 --> 00:48:27.790 apnea and and I'm just wondering if

NOTE Confidence: 0.8438437

00:48:27.848 --> 00:48:29.516 anyone has noticed that on there.

NOTE Confidence: 0.8438437

00:48:29.520 --> 00:48:31.347 On their home studies with the effort

NOTE Confidence: 0.8438437

00:48:31.347 --> 00:48:32.745 belts from the frequent cleaning

NOTE Confidence: 0.8438437

00:48:32.745 --> 00:48:34.712 could have an impact on the quality

NOTE Confidence: 0.8438437

00:48:34.712 --> 00:48:36.553 of the effort signal that we get

NOTE Confidence: 0.8438437

00:48:36.553 --> 00:48:38.096 from the machines in this morning.

NOTE Confidence: 0.8438437

00:48:38.096 --> 00:48:40.240 If that's been an observation for many one.

NOTE Confidence: 0.9135166

00:48:41.060 --> 00:48:42.870 Yeah, that's a great question.

NOTE Confidence: 0.9135166

00:48:42.870 --> 00:48:45.456 Would anyone like to respond in

NOTE Confidence: 0.9135166

00:48:45.456 --> 00:48:47.786 the chat or? Unmute yourself.

NOTE Confidence: 0.9135166

00:48:47.786 --> 00:48:51.652 We haven't seen that so far in OK,

NOTE Confidence: 0.9135166

00:48:51.652 --> 00:48:54.862 but it might also depend on if you own

NOTE Confidence: 0.9135166

00:48:54.862 --> 00:48:57.771 the devices versus if you rent them and

NOTE Confidence: 0.9135166

00:48:57.771 --> 00:49:00.648 and send them back and started after.

NOTE Confidence: 0.8299862

00:49:01.570 --> 00:49:04.042 Right, yeah, we we own the devices to

NOTE Confidence: 0.8299862

00:49:04.042 --> 00:49:05.920 work constantly turning him over as

NOTE Confidence: 0.8299862

00:49:05.920 --> 00:49:08.036 quickly as possible and so it's just

NOTE Confidence: 0.8299862

00:49:08.036 --> 00:49:10.540 I've had a few cases where, Oh my God,

NOTE Confidence: 0.8299862

00:49:10.540 --> 00:49:12.040 this looks like central apnea,

NOTE Confidence: 0.8299862

00:49:12.040 --> 00:49:14.217 but the patient does have any risk

NOTE Confidence: 0.8299862

00:49:14.217 --> 00:49:16.056 factors for central apnea and we

NOTE Confidence: 0.8299862

00:49:16.056 --> 00:49:18.030 really go over to finally tooth comb

NOTE Confidence: 0.8299862

00:49:18.093 --> 00:49:20.109 and I think it's not central apnea.

NOTE Confidence: 0.8299862

00:49:20.110 --> 00:49:21.898 I send them for diagnostic and

NOTE Confidence: 0.8299862

00:49:21.900 --> 00:49:23.400 it's all obstructive. No central.

NOTE Confidence: 0.8299862

00:49:23.400 --> 00:49:26.016 So the other thing to consider is patient

NOTE Confidence: 0.8299862

00:49:26.016 --> 00:49:27.832 education during setup and how many

NOTE Confidence: 0.8299862

00:49:27.832 --> 00:49:29.831 of them are not being rigorous with

NOTE Confidence: 0.8299862

00:49:29.831 --> 00:49:31.805 the positioning of the belt so that

NOTE Confidence: 0.8299862

00:49:31.805 --> 00:49:34.950 it's just a little bit misplaced, or.

NOTE Confidence: 0.8299862

00:49:34.950 --> 00:49:37.086 You know, because it can be really a

NOTE Confidence: 0.8299862

00:49:37.086 --> 00:49:38.959 function of of where on the Thorax,

NOTE Confidence: 0.8299862

00:49:38.960 --> 00:49:42.086 where on the abdomen, and sitting.

NOTE Confidence: 0.8299862

00:49:42.090 --> 00:49:43.917 Yeah, these are things that I think

NOTE Confidence: 0.8299862

00:49:43.917 --> 00:49:46.088 that it's going to take a lot of

NOTE Confidence: 0.8299862

00:49:46.088 --> 00:49:47.156 troubleshooting to figure out.

NOTE Confidence: 0.8299862

00:49:47.160 --> 00:49:49.273 Maybe try wearing it yourself, right?

NOTE Confidence: 0.8299862

00:49:49.273 --> 00:49:51.380 So so I will definitely let

NOTE Confidence: 0.8051394

00:49:51.380 --> 00:49:54.548 I'll give it three days before I put it

NOTE Confidence: 0.8051394

00:49:54.550 --> 00:49:57.790 on now, definitely. There

NOTE Confidence: 0.868454

00:49:57.790 --> 00:49:59.234 are disposable belts that

NOTE Confidence: 0.868454

00:49:59.234 --> 00:50:01.930 are available though. Yeah.

NOTE Confidence: 0.868454

00:50:01.930 --> 00:50:03.490 Right, we looked into that.

NOTE Confidence: 0.868454

00:50:03.490 --> 00:50:05.356 I think it was just an

NOTE Confidence: 0.868454

00:50:05.356 --> 00:50:06.600 added of disposable costs.

NOTE Confidence: 0.868454

00:50:06.600 --> 00:50:07.840 Reduces the bottom line.

NOTE Confidence: 0.868454

00:50:07.840 --> 00:50:10.008 But yeah, I think that's

NOTE Confidence: 0.868454

00:50:10.008 --> 00:50:11.850 something to consider. Very

NOTE Confidence: 0.86455685

00:50:11.850 --> 00:50:13.894 well, we're at the three o'clock hour,

NOTE Confidence: 0.86455685

00:50:13.900 --> 00:50:15.804 so I think we'll wrap up and I

NOTE Confidence: 0.86455685

00:50:15.804 --> 00:50:17.718 just want to let everybody know

NOTE Confidence: 0.86455685

00:50:17.718 --> 00:50:19.438 the information about the CME.

NOTE Confidence: 0.86455685

00:50:19.440 --> 00:50:21.198 Login is now in the chat.

NOTE Confidence: 0.86455685

00:50:21.200 --> 00:50:23.237 If you didn't see that early on,

NOTE Confidence: 0.86455685

00:50:23.240 --> 00:50:25.576 click on chat right now and you have

NOTE Confidence: 0.86455685

00:50:25.576 --> 00:50:27.909 until 3:15 to get CME credit for this.

NOTE Confidence: 0.86455685

00:50:27.910 --> 00:50:29.952 And please join us for next week.

NOTE Confidence: 0.86455685

00:50:29.952 --> 00:50:31.998 We have a talk by Lauren Hale

NOTE Confidence: 0.86455685

00:50:31.998 --> 00:50:33.166 from Stony Brook University.

NOTE Confidence: 0.86455685

00:50:33.170 --> 00:50:35.291 She's going to be speaking about racial

NOTE Confidence: 0.86455685

00:50:35.291 --> 00:50:37.258 disparities in sleep health and thank you

NOTE Confidence: 0.86455685

00:50:37.260 --> 00:50:39.868 everyone for joining today.

NOTE Confidence: 0.86455685

00:50:39.870 --> 00:50:41.620 Thank you, thank you.