WEBVTT

NOTE duration:"00:56:36.2200000"

NOTE recognizability:0.862

NOTE language:en-us

NOTE Confidence: 0.838634972

00:00:00.000 --> 00:00:02.316 One of the kindest and nicest

NOTE Confidence: 0.838634972

00:00:02.316 --> 00:00:03.860 introductions I've ever received.

NOTE Confidence: 0.838634972

00:00:03.860 --> 00:00:06.710 And likewise, I've very much enjoyed

NOTE Confidence: 0.838634972

00:00:06.710 --> 00:00:08.610 continuing my Yale connections,

NOTE Confidence: 0.838634972

00:00:08.610 --> 00:00:11.090 especially through as many Dave,

NOTE Confidence: 0.838634972

00:00:11.090 --> 00:00:13.197 Mark many other folks who are doing

NOTE Confidence: 0.838634972

00:00:13.197 --> 00:00:15.038 just such amazing addiction work at

NOTE Confidence: 0.838634972

00:00:15.038 --> 00:00:17.634 the West Haven VA, but also at Yale.

NOTE Confidence: 0.838634972

00:00:17.634 --> 00:00:19.770 I'm going to share my screen.

NOTE Confidence: 0.825977026666667

00:00:24.850 --> 00:00:27.166 And then start in slideshow mode.

NOTE Confidence: 0.825977026666667

00:00:27.170 --> 00:00:28.658 Please someone stop me if you're

NOTE Confidence: 0.825977026666667

00:00:28.658 --> 00:00:29.650 not seeing this correctly,

NOTE Confidence: 0.825977026666667

00:00:29.650 --> 00:00:31.096 but I'm just going to proceed.

NOTE Confidence: 0.825977026666667

1

00:00:31.100 --> 00:00:33.233 I do have to say that my Med school

NOTE Confidence: 0.825977026666667

00:00:33.233 --> 00:00:35.014 self would have been super tickled

NOTE Confidence: 0.825977026666667

00:00:35.014 --> 00:00:37.592 to know that I would be giving this

NOTE Confidence: 0.825977026666667

00:00:37.592 --> 00:00:39.650 presentation a number of years later,

NOTE Confidence: 0.825977026666667

00:00:39.650 --> 00:00:40.910 so it does make me laugh.

NOTE Confidence: 0.825977026666667

00:00:40.910 --> 00:00:42.513 I was scrolling through the list of

NOTE Confidence: 0.825977026666667

00:00:42.513 --> 00:00:44.090 attendees and it was smiling from quite

NOTE Confidence: 0.825977026666667

00:00:44.090 --> 00:00:45.890 a number of people that I recognized.

NOTE Confidence: 0.825977026666667

00:00:45.890 --> 00:00:47.770 So this really brings me a lot of

NOTE Confidence: 0.825977026666667

00:00:47.770 --> 00:00:49.750 joy to be able to have the chance

NOTE Confidence: 0.825977026666667

00:00:49.750 --> 00:00:51.720 to talk to you guys here today.

NOTE Confidence: 0.825977026666667

00:00:51.720 --> 00:00:53.990 So as Doctor Petrakis mentioned,

NOTE Confidence: 0.825977026666667

00:00:53.990 --> 00:00:55.538 my work really focuses on improving

NOTE Confidence: 0.825977026666667

00:00:55.538 --> 00:00:57.229 care for patients with opioid and

NOTE Confidence: 0.825977026666667

00:00:57.229 --> 00:00:58.445 other substance use disorders,

NOTE Confidence: 0.825977026666667

00:00:58.450 --> 00:01:00.598 with a specific focus on telehealth.

NOTE Confidence: 0.825977026666667

00:01:00.600 --> 00:01:01.056 And today,

NOTE Confidence: 0.825977026666667

00:01:01.056 --> 00:01:02.652 I'm really excited to be able to

NOTE Confidence: 0.825977026666667

00:01:02.652 --> 00:01:04.049 talk about optimizing telehealth

NOTE Confidence: 0.825977026666667

00:01:04.049 --> 00:01:05.165 for addiction care,

NOTE Confidence: 0.825977026666667

00:01:05.170 --> 00:01:06.570 both from lessons that we

NOTE Confidence: 0.825977026666667

00:01:06.570 --> 00:01:07.410 learned before COVID,

NOTE Confidence: 0.825977026666667

00:01:07.410 --> 00:01:08.850 during COVID and hopefully informing

NOTE Confidence: 0.825977026666667

00:01:08.850 --> 00:01:11.159 what care in the future should look like.

NOTE Confidence: 0.878616325

00:01:13.190 --> 00:01:14.446 These are my disclosures.

NOTE Confidence: 0.878616325

00:01:14.446 --> 00:01:16.330 In addition to my grant funding,

NOTE Confidence: 0.878616325

00:01:16.330 --> 00:01:18.486 I consulted for the NC QA with

NOTE Confidence: 0.878616325

00:01:18.486 --> 00:01:20.189 funding from ALCHEMIES and for

NOTE Confidence: 0.878616325

00:01:20.189 --> 00:01:21.629 the provider clinical support

NOTE Confidence: 0.878616325

00:01:21.629 --> 00:01:23.480 system with funding from Sansa.

NOTE Confidence: 0.790814947

00:01:26.320 --> 00:01:28.252 So most folks I think here have

NOTE Confidence: 0.790814947

00:01:28.252 --> 00:01:30.164 seen this figure, but I still think

NOTE Confidence: 0.790814947

00:01:30.164 --> 00:01:31.790 it's an important one to remember.

NOTE Confidence: 0.790814947

00:01:31.790 --> 00:01:33.662 And the emphasis that I would put is

NOTE Confidence: 0.790814947

00:01:33.662 --> 00:01:35.618 that long before the pandemic started,

NOTE Confidence: 0.790814947

00:01:35.620 --> 00:01:37.605 the US was already battling

NOTE Confidence: 0.790814947

00:01:37.605 --> 00:01:38.796 the overdose epidemic.

NOTE Confidence: 0.790814947

00:01:38.800 --> 00:01:40.220 It's important to emphasize though

NOTE Confidence: 0.790814947

00:01:40.220 --> 00:01:42.028 how things have continued to evolve

NOTE Confidence: 0.790814947

00:01:42.028 --> 00:01:43.396 away from prescription opioids,

NOTE Confidence: 0.790814947

00:01:43.400 --> 00:01:45.704 which is what started at least

NOTE Confidence: 0.790814947

00:01:45.704 --> 00:01:46.856 this particular epidemic,

NOTE Confidence: 0.790814947

00:01:46.860 --> 00:01:49.128 to illicit opioids including heroin and

NOTE Confidence: 0.790814947

00:01:49.128 --> 00:01:52.096 really mostly in the last five years or so,

NOTE Confidence: 0.790814947

00:01:52.100 --> 00:01:54.172 fentanyl that have tainted much of the

NOTE Confidence: 0.790814947

00:01:54.172 --> 00:01:56.410 drug supply in this country including.

NOTE Confidence: 0.790814947

00:01:56.410 --> 00:01:58.230 But not limited to opioids.

00:01:58.230 --> 00:01:59.998 And that brings us to what some of

00:01:59.998 --> 00:02:02.035 us call the 4th wave of the overdose

00:02:02.035 --> 00:02:03.650 epidemic in the last few years,

00:02:03.650 --> 00:02:05.474 which encompasses substances like

00:02:05.474 --> 00:02:07.298 stimulants and really people

00:02:07.298 --> 00:02:09.971 who are using and overdosing on

00:02:09.971 --> 00:02:11.663 multiple or Poly substances.

00:02:11.670 --> 00:02:11.984 Regardless,

00:02:11.984 --> 00:02:13.868 as the trends change and they

00:02:13.868 --> 00:02:15.250 will continue to change,

00:02:15.250 --> 00:02:17.080 one thing remains the same and

00:02:17.080 --> 00:02:18.665 that's the critical importance of

00:02:18.665 --> 00:02:20.210 treating addiction and these days,

00:02:20.210 --> 00:02:21.685 the importance of treating our

00:02:21.685 --> 00:02:23.160 typical patient who's struggling with

00:02:23.208 --> 00:02:24.500 multiple substance use disorders

NOTE Confidence: 0.790814947

00:02:24.500 --> 00:02:26.115 and other mental health disorders.

NOTE Confidence: 0.881214404347826

00:02:28.360 --> 00:02:30.320 Unfortunately, estimates since the start

NOTE Confidence: 0.881214404347826

00:02:30.320 --> 00:02:33.009 of the pandemic almost three years ago

NOTE Confidence: 0.881214404347826

00:02:33.009 --> 00:02:35.019 now suggest that overdose rates and

NOTE Confidence: 0.881214404347826

00:02:35.019 --> 00:02:37.000 substance use continues to increase.

NOTE Confidence: 0.881214404347826

00:02:37.000 --> 00:02:38.060 And it's important, I think,

NOTE Confidence: 0.881214404347826

00:02:38.060 --> 00:02:40.094 to remember that the pandemic has

NOTE Confidence: 0.881214404347826

00:02:40.094 --> 00:02:41.960 not affected our population equally.

NOTE Confidence: 0.881214404347826

00:02:41.960 --> 00:02:43.740 Many of us, myself included,

NOTE Confidence: 0.881214404347826

00:02:43.740 --> 00:02:45.152 have been largely spared.

NOTE Confidence: 0.881214404347826

00:02:45.152 --> 00:02:46.261 You know, transitioning.

NOTE Confidence: 0.881214404347826

00:02:46.261 --> 00:02:49.870 My work to zoom was not a big challenge.

NOTE Confidence: 0.881214404347826

00:02:49.870 --> 00:02:51.648 But for many of our patients though,

NOTE Confidence: 0.881214404347826

00:02:51.650 --> 00:02:53.130 due to many increased stressors

NOTE Confidence: 0.881214404347826

00:02:53.130 --> 00:02:54.610 during the last three years,

NOTE Confidence: 0.881214404347826

00:02:54.610 --> 00:02:55.850 they're struggling even more.

NOTE Confidence: 0.881214404347826

00:02:55.850 --> 00:02:58.043 And there are signs that many people

NOTE Confidence: 0.881214404347826

00:02:58.043 --> 00:02:59.681 have turned even more to risky

NOTE Confidence: 0.881214404347826

00:02:59.681 --> 00:03:01.510 use of alcohol and drugs to cope,

NOTE Confidence: 0.881214404347826

00:03:01.510 --> 00:03:03.412 which is compounded in particular by

NOTE Confidence: 0.881214404347826

00:03:03.412 --> 00:03:05.170 disruptions in the healthcare services,

NOTE Confidence: 0.881214404347826

00:03:05.170 --> 00:03:07.066 especially early on in the pandemic,

NOTE Confidence: 0.881214404347826

00:03:07.070 --> 00:03:09.086 some of which have not rebounded,

NOTE Confidence: 0.881214404347826

00:03:09.090 --> 00:03:10.040 which I hope to show.

NOTE Confidence: 0.918685809

00:03:12.390 --> 00:03:14.140 However, given the many negative

NOTE Confidence: 0.918685809

00:03:14.140 --> 00:03:15.890 consequences of substance use disorders,

NOTE Confidence: 0.918685809

00:03:15.890 --> 00:03:16.512 especially untreated,

NOTE Confidence: 0.918685809

00:03:16.512 --> 00:03:18.689 the important thing for all of us

NOTE Confidence: 0.918685809

00:03:18.689 --> 00:03:20.942 to emphasize is that we actually

NOTE Confidence: 0.918685809

00:03:20.942 --> 00:03:22.446 have highly effective treatments.

NOTE Confidence: 0.918685809

00:03:22.450 --> 00:03:24.550 This includes the three effective medication

00:03:24.550 --> 00:03:26.510 treatments for opioid use disorders,

00:03:26.510 --> 00:03:28.376 specifically methadone, buprenorphine,

00:03:28.376 --> 00:03:30.864 and extended release naltrexone.

00:03:30.870 --> 00:03:33.398 We have decades of research how much of

00:03:33.398 --> 00:03:35.993 it originating at Yale to show that these

00:03:35.993 --> 00:03:37.969 medications not only reduce opioid use,

00:03:37.970 --> 00:03:39.706 improve functioning or cost

00:03:39.706 --> 00:03:41.876 effective and are associated with

00:03:41.876 --> 00:03:43.520 reductions in mortality rates.

00:03:43.520 --> 00:03:44.488 And as a psychiatrist,

00:03:44.488 --> 00:03:46.260 there's actually not a whole lot of

00:03:46.260 --> 00:03:47.605 treatments I deliver where there's

00:03:47.605 --> 00:03:49.300 been consistent data to support that.

00:03:49.300 --> 00:03:51.835 It actually reduces rates of

00:03:51.835 --> 00:03:54.370 death for our patient population.

NOTE Confidence: 0.918685809

00:03:54.370 --> 00:03:55.834 In addition, of course,

NOTE Confidence: 0.918685809

00:03:55.834 --> 00:03:57.664 we have numerous other effective

NOTE Confidence: 0.918685809

00:03:57.664 --> 00:03:59.377 medication and psychotherapy treatments

NOTE Confidence: 0.918685809

00:03:59.377 --> 00:04:01.527 for other substance use disorders,

NOTE Confidence: 0.918685809

00:04:01.530 --> 00:04:03.138 including motivational enhancement,

NOTE Confidence: 0.918685809

00:04:03.138 --> 00:04:04.746 cognitive behavioral therapy,

NOTE Confidence: 0.918685809

00:04:04.750 --> 00:04:06.290 contingency management for range

NOTE Confidence: 0.918685809

00:04:06.290 --> 00:04:08.215 of substance use disorders that

NOTE Confidence: 0.918685809

00:04:08.215 --> 00:04:10.372 equally have decades of research

NOTE Confidence: 0.918685809

00:04:10.372 --> 00:04:11.656 supporting their effectiveness.

NOTE Confidence: 0.864298056428571

00:04:13.900 --> 00:04:15.765 However, although we've had these

NOTE Confidence: 0.864298056428571

00:04:15.765 --> 00:04:17.630 effective treatments for some for

NOTE Confidence: 0.864298056428571

00:04:17.692 --> 00:04:19.414 a very long time, we know that

NOTE Confidence: 0.864298056428571

00:04:19.414 --> 00:04:21.220 some of them can really save lives.

NOTE Confidence: 0.864298056428571

00:04:21.220 --> 00:04:23.644 Only a tiny fraction of patients in the

NOTE Confidence: 0.864298056428571

00:04:23.644 --> 00:04:25.960 US receive these effective treatments.

NOTE Confidence: 0.864298056428571

00:04:25.960 --> 00:04:27.760 Estimates show that about 1/3 of

NOTE Confidence: 0.864298056428571

00:04:27.760 --> 00:04:29.820 patients with opioid use disorder receive

NOTE Confidence: 0.864298056428571

00:04:29.820 --> 00:04:31.815 the effect of medication treatments.

NOTE Confidence: 0.864298056428571

00:04:31.820 --> 00:04:33.516 The rates are slightly higher in the VA,

NOTE Confidence: 0.864298056428571

00:04:33.520 --> 00:04:35.280 but not by too much.

NOTE Confidence: 0.864298056428571

00:04:35.280 --> 00:04:36.605 But treatment rates are actually

NOTE Confidence: 0.864298056428571

00:04:36.605 --> 00:04:38.636 much lower for many of the other

NOTE Confidence: 0.864298056428571

00:04:38.636 --> 00:04:39.620 substance use disorders,

NOTE Confidence: 0.864298056428571

00:04:39.620 --> 00:04:41.380 including those that are much

NOTE Confidence: 0.864298056428571

00:04:41.380 --> 00:04:43.140 more prevalent than opioid use.

NOTE Confidence: 0.864298056428571

00:04:43.140 --> 00:04:44.804 This order, for example,

NOTE Confidence: 0.864298056428571

00:04:44.804 --> 00:04:46.884 alcohol treatment rates show that

NOTE Confidence: 0.864298056428571

00:04:46.890 --> 00:04:48.690 treatment for those diseases

NOTE Confidence: 0.864298056428571

00:04:48.690 --> 00:04:50.490 hover close to 10%.

NOTE Confidence: 0.864298056428571

00:04:50.490 --> 00:04:53.292 Can you imagine if only 10% of this

NOTE Confidence: 0.864298056428571

00:04:53.292 --> 00:04:55.038 country is getting their diabetes treated,

NOTE Confidence: 0.864298056428571

00:04:55.040 --> 00:04:56.399 their cancer treated,

NOTE Confidence: 0.864298056428571

00:04:56.399 --> 00:04:58.664 or even their depression treated?

NOTE Confidence: 0.864298056428571

00:04:58.670 --> 00:05:00.446 But of course, there's the further

NOTE Confidence: 0.864298056428571

00:05:00.446 --> 00:05:01.630 challenge in addiction care.

NOTE Confidence: 0.864298056428571

00:05:01.630 --> 00:05:03.424 And it's not just about helping

NOTE Confidence: 0.864298056428571

00:05:03.424 --> 00:05:05.250 people get started in treatment.

NOTE Confidence: 0.864298056428571

00:05:05.250 --> 00:05:07.553 We also have to help people stay

NOTE Confidence: 0.864298056428571

00:05:07.553 --> 00:05:08.930 in their addiction care.

NOTE Confidence: 0.864298056428571

00:05:08.930 --> 00:05:09.584 For example,

NOTE Confidence: 0.864298056428571

00:05:09.584 --> 00:05:11.873 we know that retention or how long

NOTE Confidence: 0.864298056428571

00:05:11.873 --> 00:05:13.693 people stay on their medications

NOTE Confidence: 0.864298056428571

00:05:13.693 --> 00:05:15.478 for opioid use disorder hovers

NOTE Confidence: 0.864298056428571

00:05:15.478 --> 00:05:17.383 at about 50% at three months,

NOTE Confidence: 0.864298056428571

00:05:17.383 --> 00:05:18.627 according to some estimates.

NOTE Confidence: 0.864298056428571

00:05:18.630 --> 00:05:20.480 And the corollary to that?

NOTE Confidence: 0.864298056428571

00:05:20.480 --> 00:05:22.706 Is that we know overdose rates and

NOTE Confidence: 0.864298056428571

00:05:22.706 --> 00:05:24.096 other negative outcomes really

NOTE Confidence: 0.864298056428571

00:05:24.096 --> 00:05:25.986 jump after people stop treatments

NOTE Confidence: 0.864298056428571

00:05:25.986 --> 00:05:27.120 of these medications,

NOTE Confidence: 0.864298056428571

00:05:27.120 --> 00:05:28.524 which these medications only

NOTE Confidence: 0.864298056428571

00:05:28.524 --> 00:05:30.630 work when people are taking them.

NOTE Confidence: 0.864298056428571

00:05:30.630 --> 00:05:32.262 That's a little bit different for

NOTE Confidence: 0.864298056428571

00:05:32.262 --> 00:05:33.078 other psychotherapy treatments,

NOTE Confidence: 0.864298056428571

00:05:33.080 --> 00:05:34.445 but this is still an important thing,

NOTE Confidence: 0.864298056428571

00:05:34.450 --> 00:05:35.418 I think, to emphasize.

NOTE Confidence: 0.867222190384615

00:05:37.860 --> 00:05:39.708 And so the key question I think

NOTE Confidence: 0.867222190384615

00:05:39.708 --> 00:05:42.135 for all of us to be thinking about

NOTE Confidence: 0.867222190384615

00:05:42.135 --> 00:05:44.160 is why are treatment rates for

NOTE Confidence: 0.867222190384615

00:05:44.160 --> 00:05:46.095 these effective therapies so low?

NOTE Confidence: 0.867222190384615

00:05:46.100 --> 00:05:48.508 And for me it's helpful to think

00:05:48.508 --> 00:05:51.302 about it under a rubric or conceptual

00:05:51.302 --> 00:05:53.412 model of three main barriers.

00:05:53.420 --> 00:05:55.660 The first related to stigma,

00:05:55.660 --> 00:05:57.510 second related to the underlying

00:05:57.510 --> 00:05:59.360 illness and symptoms of addiction,

00:05:59.360 --> 00:06:01.538 and finally related to limited access,

00:06:01.540 --> 00:06:03.109 accessibility and other

00:06:03.109 --> 00:06:04.678 system related barriers.

00:06:04.680 --> 00:06:06.540 I would say stigma remains

00:06:06.540 --> 00:06:08.028 a very large barrier.

00:06:08.030 --> 00:06:09.298 At the societal level,

00:06:09.298 --> 00:06:10.883 at the healthcare system level,

00:06:10.890 --> 00:06:12.482 at the Community level,

00:06:12.482 --> 00:06:14.870 but also stigma affecting our patients.

00:06:14.870 --> 00:06:16.582 One of the things that we still hear

00:06:16.582 --> 00:06:18.558 the most is that it took many of our

NOTE Confidence: 0.867222190384615

00:06:18.558 --> 00:06:19.964 patients years to overcome the stigma

NOTE Confidence: 0.867222190384615

00:06:19.964 --> 00:06:21.974 in order to feel that they had an

NOTE Confidence: 0.867222190384615

00:06:21.974 --> 00:06:24.038 illness that could actually be treated.

NOTE Confidence: 0.867222190384615

00:06:24.040 --> 00:06:25.120 But this point also,

NOTE Confidence: 0.867222190384615

00:06:25.120 --> 00:06:26.740 I think highlights a specific or

NOTE Confidence: 0.867222190384615

00:06:26.798 --> 00:06:28.062 unique challenge with substance

NOTE Confidence: 0.867222190384615

00:06:28.062 --> 00:06:29.958 use disorders and that is that

NOTE Confidence: 0.867222190384615

00:06:30.015 --> 00:06:31.575 the disease itself makes it hard

NOTE Confidence: 0.867222190384615

00:06:31.575 --> 00:06:33.168 for people to seek treatment.

NOTE Confidence: 0.867222190384615

00:06:33.168 --> 00:06:35.908 It's the only medical illness

NOTE Confidence: 0.867222190384615

00:06:35.908 --> 00:06:37.004 whereby definition,

NOTE Confidence: 0.867222190384615

00:06:37.010 --> 00:06:39.194 the person has a hard time cutting

NOTE Confidence: 0.867222190384615

00:06:39.194 --> 00:06:41.724 down and engaging in care despite the

NOTE Confidence: 0.867222190384615

00:06:41.724 --> 00:06:43.629 negative consequences that they feel.

NOTE Confidence: 0.867222190384615

00:06:43.630 --> 00:06:44.626 So by definition,

NOTE Confidence: 0.867222190384615

00:06:44.626 --> 00:06:46.950 addiction makes it really hard for a

NOTE Confidence: 0.867222190384615

00:06:47.018 --> 00:06:49.790 person who's already struggling to seek care.

NOTE Confidence: 0.867222190384615

00:06:49.790 --> 00:06:51.372 And I think for me what that

NOTE Confidence: 0.867222190384615

00:06:51.372 --> 00:06:53.565 means is we actually have to make

NOTE Confidence: 0.867222190384615

00:06:53.565 --> 00:06:55.385 addiction care much more accessible,

NOTE Confidence: 0.867222190384615

00:06:55.390 --> 00:06:58.344 much more appealing than any other illnesses.

NOTE Confidence: 0.867222190384615

00:06:58.350 --> 00:07:00.149 And I think at this point we

NOTE Confidence: 0.867222190384615

00:07:00.149 --> 00:07:01.718 know that that's not the case.

NOTE Confidence: 0.867222190384615

00:07:01.720 --> 00:07:02.624 According to the National

NOTE Confidence: 0.867222190384615

00:07:02.624 --> 00:07:03.980 Survey of Drug Use and Health,

NOTE Confidence: 0.867222190384615

00:07:03.980 --> 00:07:04.738 or Nista,

NOTE Confidence: 0.867222190384615

00:07:04.738 --> 00:07:06.254 an annual survey population

NOTE Confidence: 0.867222190384615

00:07:06.254 --> 00:07:08.040 based survey in the US,

NOTE Confidence: 0.867222190384615

00:07:08.040 --> 00:07:10.140 these are all reasons that

NOTE Confidence: 0.867222190384615

00:07:10.140 --> 00:07:12.240 contribute to why patients themselves

NOTE Confidence: 0.867222190384615

00:07:12.306 --> 00:07:14.274 say are barriers that they are

NOTE Confidence: 0.867222190384615

00:07:14.274 --> 00:07:16.310 unable to engage in treatment.

NOTE Confidence: 0.867222190384615

00:07:16.310 --> 00:07:17.948 And so for the rest of today,

NOTE Confidence: 0.867222190384615

00:07:17.950 --> 00:07:19.260 I'll actually spend this time

NOTE Confidence: 0.867222190384615

00:07:19.260 --> 00:07:20.837 focusing on the system level changes

NOTE Confidence: 0.867222190384615

00:07:20.837 --> 00:07:22.605 that I think are needed to try to

NOTE Confidence: 0.867222190384615

00:07:22.605 --> 00:07:24.047 address some of these disparities.

NOTE Confidence: 0.871935676521739

00:07:26.770 --> 00:07:28.772 So one challenge when it comes to

NOTE Confidence: 0.871935676521739

00:07:28.772 --> 00:07:30.380 our healthcare system and treatment

NOTE Confidence: 0.871935676521739

00:07:30.380 --> 00:07:32.468 access is the inadequate number of

NOTE Confidence: 0.871935676521739

00:07:32.468 --> 00:07:33.948 trained clinicians across the US,

NOTE Confidence: 0.871935676521739

00:07:33.950 --> 00:07:35.889 but just not just the total number

NOTE Confidence: 0.871935676521739

00:07:35.889 --> 00:07:37.909 but really how they're distributed.

NOTE Confidence: 0.871935676521739

00:07:37.910 --> 00:07:40.752 So this map shows the density of

NOTE Confidence: 0.871935676521739

00:07:40.752 --> 00:07:41.970 addiction psychiatrists across

NOTE Confidence: 0.871935676521739

00:07:42.039 --> 00:07:44.487 counties in the US and as you can see,

NOTE Confidence: 0.871935676521739

00:07:44.490 --> 00:07:46.310 most of it is Gray,

NOTE Confidence: 0.871935676521739

00:07:46.310 --> 00:07:47.962 which means that most of the addiction

NOTE Confidence: 0.871935676521739

00:07:47.962 --> 00:07:49.030 psychiatrists in this country,

NOTE Confidence: 0.871935676521739

00:07:49.030 --> 00:07:51.778 in this country are concentrated in

NOTE Confidence: 0.871935676521739

00:07:51.778 --> 00:07:54.065 densely populated or academic centers

NOTE Confidence: 0.871935676521739

00:07:54.065 --> 00:07:56.718 like where New Haven and Ann Arbor.

NOTE Confidence: 0.871935676521739

00:07:56.720 --> 00:07:58.449 But the vast majority of counties in

NOTE Confidence: 0.871935676521739

00:07:58.449 --> 00:08:00.966 the US do not have a single addiction

NOTE Confidence: 0.871935676521739

00:08:00.966 --> 00:08:02.686 psychiatrist and there are obviously

NOTE Confidence: 0.871935676521739

00:08:02.740 --> 00:08:04.460 many other addiction clinicians,

NOTE Confidence: 0.871935676521739

00:08:04.460 --> 00:08:06.180 including other types of

NOTE Confidence: 0.871935676521739

00:08:06.180 --> 00:08:07.040 addiction physicians.

NOTE Confidence: 0.871935676521739

00:08:07.040 --> 00:08:09.329 But it's clear that not only access

NOTE Confidence: 0.871935676521739

00:08:09.329 --> 00:08:10.716 but accessibility to evidence

NOTE Confidence: 0.871935676521739

00:08:10.716 --> 00:08:12.436 based addiction care is sorely

NOTE Confidence: 0.871935676521739

00:08:12.436 --> 00:08:14.579 lacking for much of the country.

NOTE Confidence: 0.871935676521739

00:08:14.580 --> 00:08:16.632 And it's a major challenge in

NOTE Confidence: 0.871935676521739

00:08:16.632 --> 00:08:18.416 particular to get treatment to

NOTE Confidence: 0.871935676521739

00:08:18.416 --> 00:08:20.166 where our patients actually are.

NOTE Confidence: 0.871935676521739

00:08:20.170 --> 00:08:22.012 I would like to also emphasize

NOTE Confidence: 0.871935676521739

00:08:22.012 --> 00:08:23.971 though that the limited access for

NOTE Confidence: 0.871935676521739

00:08:23.971 --> 00:08:25.646 addiction care is really exacerbated

NOTE Confidence: 0.871935676521739

00:08:25.646 --> 00:08:28.080 by the fact that distance has an

NOTE Confidence: 0.871935676521739

00:08:28.080 --> 00:08:29.785 outsized effect for our patients.

NOTE Confidence: 0.871935676521739

00:08:29.790 --> 00:08:31.716 Prior studies have shown that longer

NOTE Confidence: 0.871935676521739

00:08:31.716 --> 00:08:33.704 distance to treatment is a major

NOTE Confidence: 0.871935676521739

00:08:33.704 --> 00:08:34.988 factor for patients discontinuing

NOTE Confidence: 0.871935676521739

00:08:34.988 --> 00:08:37.040 care and the impact of distance

NOTE Confidence: 0.871935676521739

00:08:37.040 --> 00:08:38.805 to treatment is really magnified

NOTE Confidence: 0.871935676521739

00:08:38.805 --> 00:08:40.472 in addiction treatment where we're

NOTE Confidence: 0.871935676521739

00:08:40.472 --> 00:08:41.676 oftentimes asking our patients

NOTE Confidence: 0.871935676521739

00:08:41.676 --> 00:08:43.710 to come on a regular basis,

NOTE Confidence: 0.871935676521739

00:08:43.710 --> 00:08:45.726 even as frequently as weekly and

NOTE Confidence: 0.871935676521739

00:08:45.726 --> 00:08:48.089 sometimes for a long period of time,

NOTE Confidence: 0.871935676521739

00:08:48.090 --> 00:08:48.986 so months or years,

NOTE Confidence: 0.871935676521739

00:08:48.986 --> 00:08:50.920 often when it comes to our medication.

NOTE Confidence: 0.871935676521739

00:08:50.920 --> 00:08:51.233 Statements.

NOTE Confidence: 0.871935676521739

00:08:51.233 --> 00:08:53.737 So when many of our patients are having

NOTE Confidence: 0.871935676521739

00:08:53.737 --> 00:08:55.498 to take multiple buses and shuttles

NOTE Confidence: 0.871935676521739

00:08:55.498 --> 00:08:58.049 to make it to a single appointment,

NOTE Confidence: 0.871935676521739

00:08:58.050 --> 00:08:59.405 which would be challenging for

NOTE Confidence: 0.871935676521739

00:08:59.405 --> 00:09:01.250 any of us to engage in care,

NOTE Confidence: 0.871935676521739

00:09:01.250 --> 00:09:02.804 let alone when combined with all

NOTE Confidence: 0.871935676521739

00:09:02.804 --> 00:09:04.449 the other barriers that I mentioned,

NOTE Confidence: 0.871935676521739

00:09:04.450 --> 00:09:05.760 specifically stigma and the symptoms

NOTE Confidence: 0.871935676521739

00:09:05.760 --> 00:09:07.969 that they face as part of their addiction.

NOTE Confidence: 0.898881367777778

00:09:10.170 --> 00:09:12.025 And so, given these particular

NOTE Confidence: 0.898881367777778

00:09:12.025 --> 00:09:13.509 barriers that I've mentioned,

NOTE Confidence: 0.898881367777778

00:09:13.510 --> 00:09:15.624 I think there's a clear need to

NOTE Confidence: 0.898881367777778

00:09:15.624 --> 00:09:17.250 make treatment more accessible.

NOTE Confidence: 0.898881367777778

00:09:17.250 --> 00:09:18.438 And telehealth has long

NOTE Confidence: 0.898881367777778

00:09:18.438 --> 00:09:19.626 been a promising tool,

NOTE Confidence: 0.898881367777778

00:09:19.630 --> 00:09:21.550 in particular within psychiatry,

NOTE Confidence: 0.898881367777778

00:09:21.550 --> 00:09:22.990 well before COVID.

NOTE Confidence: 0.898881367777778

00:09:22.990 --> 00:09:24.490 But the question still remains,

NOTE Confidence: 0.898881367777778

00:09:24.490 --> 00:09:26.330 can telehealth actually improve

NOTE Confidence: 0.898881367777778

00:09:26.330 --> 00:09:28.170 substance use disorder care?

NOTE Confidence: 0.898881367777778

00:09:28.170 --> 00:09:29.390 As Doctor Petrakis mentioned,

NOTE Confidence: 0.898881367777778

00:09:29.390 --> 00:09:31.430 there's been a small group of us,

NOTE Confidence: 0.898881367777778

00:09:31.430 --> 00:09:32.774 including myself, Doctor Moore,

NOTE Confidence: 0.898881367777778

00:09:32.774 --> 00:09:34.454 and others who've been working

NOTE Confidence: 0.898881367777778

00:09:34.454 --> 00:09:36.287 in the space well before COVID.

NOTE Confidence: 0.898881367777778

00:09:36.290 --> 00:09:38.498 For me, it was mostly because I was

NOTE Confidence: 0.898881367777778

00:09:38.498 --> 00:09:40.268 lucky enough to have worked with.

NOTE Confidence: 0.898881367777778

00:09:40.270 --> 00:09:42.328 Uh, an attendee who had been using

NOTE Confidence: 0.898881367777778

00:09:42.328 --> 00:09:43.620 video to deliver buprenorphine

NOTE Confidence: 0.898881367777778

00:09:43.620 --> 00:09:45.696 care in the VA before COVID.

NOTE Confidence: 0.898881367777778

00:09:45.700 --> 00:09:47.492 And but that's just a sign that we

NOTE Confidence: 0.898881367777778

00:09:47.492 --> 00:09:49.358 have long known that our patients

NOTE Confidence: 0.898881367777778

00:09:49.358 --> 00:09:50.722 with addiction struggle with

NOTE Confidence: 0.898881367777778

00:09:50.722 --> 00:09:52.480 getting access and staying in care.

NOTE Confidence: 0.898881367777778

00:09:52.480 --> 00:09:53.548 COVID just exacerbated that,

NOTE Confidence: 0.898881367777778

00:09:53.548 --> 00:09:55.799 but it was really never a new problem.

NOTE Confidence: 0.909753928823529

00:09:58.230 --> 00:10:00.190 So although there have been dozens of

NOTE Confidence: 0.909753928823529

00:10:00.190 --> 00:10:01.894 studies examining the effectiveness of

NOTE Confidence: 0.909753928823529

00:10:01.894 --> 00:10:03.929 telehealth interventions for mental health,

NOTE Confidence: 0.909753928823529

00:10:03.930 --> 00:10:06.006 and telehealth really had its birth,

NOTE Confidence: 0.909753928823529

00:10:06.010 --> 00:10:07.630 I would say, in psychiatric care,

NOTE Confidence: 0.909753928823529

00:10:07.630 --> 00:10:09.380 mental health.

NOTE Confidence: 0.909753928823529

00:10:09.380 --> 00:10:11.431 And all of these studies by and

NOTE Confidence: 0.909753928823529

00:10:11.431 --> 00:10:13.380 large have shown that telehealth

NOTE Confidence: 0.909753928823529

00:10:13.380 --> 00:10:15.380 specifically video delivery care,

NOTE Confidence: 0.909753928823529

00:10:15.380 --> 00:10:16.964 which is where most of the

NOTE Confidence: 0.909753928823529

00:10:16.964 --> 00:10:18.020 studies are focused on.

NOTE Confidence: 0.909753928823529

00:10:18.020 --> 00:10:19.508 That's not to say that other

NOTE Confidence: 0.909753928823529

00:10:19.508 --> 00:10:20.500 interventions are not effective,

NOTE Confidence: 0.909753928823529

00:10:20.500 --> 00:10:22.450 but that's where the historically

NOTE Confidence: 0.909753928823529

00:10:22.450 --> 00:10:25.162 the research is focused is no worse

NOTE Confidence: 0.909753928823529

00:10:25.162 --> 00:10:26.887 or non inferior with outcomes

NOTE Confidence: 0.909753928823529

00:10:26.887 --> 00:10:28.769 compared to in person care.

NOTE Confidence: 0.909753928823529

00:10:28.770 --> 00:10:29.082 However,

NOTE Confidence: 0.909753928823529

00:10:29.082 --> 00:10:30.954 we've noted that there have been

NOTE Confidence: 0.909753928823529

00:10:30.954 --> 00:10:32.641 far fewer studies of telehealth

NOTE Confidence: 0.909753928823529

00:10:32.641 --> 00:10:34.386 studies in patients with substance

NOTE Confidence: 0.909753928823529

00:10:34.386 --> 00:10:36.549 use disorders and this motivated a

NOTE Confidence: 0.909753928823529

00:10:36.549 --> 00:10:38.319 systematic review that I conducted

NOTE Confidence: 0.909753928823529

00:10:38.319 --> 00:10:40.422 with colleagues at the University of

NOTE Confidence: 0.909753928823529

00:10:40.422 --> 00:10:42.510 California that was published in 2019.

NOTE Confidence: 0.909753928823529

00:10:42.510 --> 00:10:44.436 This review actually went on to

NOTE Confidence: 0.909753928823529

00:10:44.436 --> 00:10:46.372 inform policy makers for the medical

NOTE Confidence: 0.909753928823529

00:10:46.372 --> 00:10:48.130 so the Medicaid program in the

NOTE Confidence: 0.909753928823529

00:10:48.130 --> 00:10:50.082 state of California as they were

NOTE Confidence: 0.909753928823529

00:10:50.082 --> 00:10:52.044 making decisions on what types of

NOTE Confidence: 0.909753928823529

00:10:52.050 --> 00:10:54.035 telehealth for substance use disorders

NOTE Confidence: 0.909753928823529

00:10:54.035 --> 00:10:56.086 or services to cover however,

NOTE Confidence: 0.909753928823529

00:10:56.086 --> 00:10:58.706 the overall goal of this study.

NOTE Confidence: 0.909753928823529

00:10:58.706 --> 00:11:00.722 Just to examine the evidence on

NOTE Confidence: 0.909753928823529

00:11:00.722 --> 00:11:02.460 telemedicine deliver treatment interventions.

NOTE Confidence: 0.909753928823529

00:11:02.460 --> 00:11:04.425 So not necessarily other augmenting

00:11:04.425 --> 00:11:05.604 kind of interventions,

00:11:05.610 --> 00:11:07.965 but really treatment specifically for

00:11:07.965 --> 00:11:10.320 patients with substance use disorders.

00:11:10.320 --> 00:11:11.112 At that point,

00:11:11.112 --> 00:11:12.696 we took a very broad inclusion

00:11:12.696 --> 00:11:14.173 criteria because we already knew

00:11:14.173 --> 00:11:15.618 about the limited number of

00:11:15.618 --> 00:11:16.940 studies that were available.

00:11:16.940 --> 00:11:19.334 We included studies that examined a broad

00:11:19.334 --> 00:11:21.820 range of outcomes including effectiveness,

00:11:21.820 --> 00:11:23.945 but also patient level outcomes

00:11:23.945 --> 00:11:25.286 like acceptability, satisfaction,

00:11:25.286 --> 00:11:27.716 things that were also from

00:11:27.716 --> 00:11:29.660 single arm pilot studies.

00:11:29.660 --> 00:11:31.690 And we also included studies that were

NOTE Confidence: 0.909753928823529

00:11:31.690 --> 00:11:33.578 both retrospective as well as prospective.

NOTE Confidence: 0.909753928823529

00:11:33.580 --> 00:11:34.660 Very few of these studies,

NOTE Confidence: 0.909753928823529

00:11:34.660 --> 00:11:36.846 by the way were actually RCT's.

NOTE Confidence: 0.909753928823529

00:11:36.846 --> 00:11:38.676 In total at that time,

NOTE Confidence: 0.909753928823529

00:11:38.680 --> 00:11:40.612 we only found 13 studies meeting

NOTE Confidence: 0.909753928823529

00:11:40.612 --> 00:11:41.900 our broad inclusion criteria,

NOTE Confidence: 0.909753928823529

00:11:41.900 --> 00:11:43.720 3 focused on tobacco treatment,

NOTE Confidence: 0.909753928823529

00:11:43.720 --> 00:11:45.880 5 on alcohol and five on

NOTE Confidence: 0.909753928823529

00:11:45.880 --> 00:11:46.960 opioid use disorders.

NOTE Confidence: 0.909753928823529

00:11:46.960 --> 00:11:48.452 And to briefly summarize,

NOTE Confidence: 0.909753928823529

00:11:48.452 --> 00:11:51.329 we found across these studies some indicators

NOTE Confidence: 0.909753928823529

00:11:51.329 --> 00:11:53.617 of comparable therapeutic alliance,

NOTE Confidence: 0.909753928823529

00:11:53.620 --> 00:11:55.165 particularly with psychotherapy

NOTE Confidence: 0.909753928823529

00:11:55.165 --> 00:11:57.740 studies and retention and care,

NOTE Confidence: 0.909753928823529

00:11:57.740 --> 00:12:00.148 though there were no fully powered studies.

NOTE Confidence: 0.909753928823529

00:12:00.150 --> 00:12:01.752 No prospective studies

NOTE Confidence: 0.909753928823529

00:12:01.752 --> 00:12:03.888 actually for any medication,

NOTE Confidence: 0.909753928823529

00:12:03.890 --> 00:12:05.138 treatments for substance use

NOTE Confidence: 0.909753928823529

00:12:05.138 --> 00:12:06.698 disorders and the overall quality

NOTE Confidence: 0.909753928823529

00:12:06.698 --> 00:12:08.499 of methods were somewhat limited.

NOTE Confidence: 0.908245612

00:12:11.150 --> 00:12:14.030 And so from this review,

NOTE Confidence: 0.908245612

00:12:14.030 --> 00:12:16.352 we noted that there were a number of areas

NOTE Confidence: 0.908245612

00:12:16.352 --> 00:12:18.598 that really deserved a further research,

NOTE Confidence: 0.908245612

00:12:18.600 --> 00:12:20.262 actually quite a number of areas

NOTE Confidence: 0.908245612

00:12:20.262 --> 00:12:22.192 and we kind of summarized them

NOTE Confidence: 0.908245612

00:12:22.192 --> 00:12:24.087 into into three large groups.

NOTE Confidence: 0.908245612

00:12:24.090 --> 00:12:26.092 So most of the studies that we

NOTE Confidence: 0.908245612

00:12:26.092 --> 00:12:28.250 found were again kind of comparing

NOTE Confidence: 0.908245612

00:12:28.250 --> 00:12:30.305 video telehealth within person care.

NOTE Confidence: 0.908245612

00:12:30.310 --> 00:12:32.510 And the question is not only are we

NOTE Confidence: 0.908245612

00:12:32.510 --> 00:12:34.274 interested in whether or not video

NOTE Confidence: 0.908245612

00:12:34.274 --> 00:12:36.730 telehealth is no worse than in person care,

NOTE Confidence: 0.908245612

00:12:36.730 --> 00:12:38.682 but can telehealth actually

NOTE Confidence: 0.908245612

00:12:38.682 --> 00:12:40.634 extend or increase treatment.

NOTE Confidence: 0.908245612

00:12:40.640 --> 00:12:42.130 And for different sectors of

NOTE Confidence: 0.908245612

00:12:42.130 --> 00:12:43.620 the populations and for which

NOTE Confidence: 0.908245612

00:12:43.673 --> 00:12:45.265 patients also effectiveness of

NOTE Confidence: 0.908245612

00:12:45.265 --> 00:12:46.857 different models of telehealth.

NOTE Confidence: 0.908245612

00:12:46.860 --> 00:12:48.438 I think as you'll hear today

NOTE Confidence: 0.908245612

00:12:48.438 --> 00:12:49.920 from Doctor Moore and myself,

NOTE Confidence: 0.908245612

00:12:49.920 --> 00:12:50.904 you know the telehealth

NOTE Confidence: 0.908245612

00:12:50.904 --> 00:12:52.380 that we think of right now,

NOTE Confidence: 0.908245612

00:12:52.380 --> 00:12:54.375 which is really us talking over zoom,

NOTE Confidence: 0.908245612

00:12:54.380 --> 00:12:56.216 that's really what I hope to be the tip

NOTE Confidence: 0.908245612

00:12:56.216 --> 00:12:57.966 of the iceberg and hopefully it gives

NOTE Confidence: 0.908245612

00:12:57.966 --> 00:12:59.619 room for lots of innovations about

NOTE Confidence: 0.908245612

00:12:59.619 --> 00:13:02.035 delivering care in new ways to our patients.

NOTE Confidence: 0.908245612

00:13:02.040 --> 00:13:02.794 And lastly,

NOTE Confidence: 0.908245612

00:13:02.794 --> 00:13:05.056 also the importance of examining patient

NOTE Confidence: 0.908245612

00:13:05.056 --> 00:13:07.479 and clinician experiences and preferences,

NOTE Confidence: 0.908245612

00:13:07.480 --> 00:13:09.160 especially when it comes to telehealth

NOTE Confidence: 0.908245612

00:13:09.160 --> 00:13:10.590 implementation in the real world.

NOTE Confidence: 0.8603872

00:13:13.200 --> 00:13:15.355 And so I mentioned that

NOTE Confidence: 0.8603872

00:13:15.355 --> 00:13:16.918 we included 13 studies.

NOTE Confidence: 0.8603872

00:13:16.918 --> 00:13:19.012 I also want to highlight two

NOTE Confidence: 0.8603872

00:13:19.012 --> 00:13:20.663 additional studies that are really

NOTE Confidence: 0.8603872

00:13:20.663 --> 00:13:22.970 fast focused on telehealth in real

NOTE Confidence: 0.8603872

00:13:22.970 --> 00:13:24.578 world settings and healthcare

NOTE Confidence: 0.8603872

00:13:24.578 --> 00:13:26.360 systems prior to the pandemic.

NOTE Confidence: 0.8603872

00:13:26.360 --> 00:13:28.222 And the first study is really a

NOTE Confidence: 0.8603872

00:13:28.222 --> 00:13:29.804 study published by Hayden Huskamp

NOTE Confidence: 0.8603872

00:13:29.804 --> 00:13:31.260 and colleagues at Harvard.

NOTE Confidence: 0.8603872

00:13:31.260 --> 00:13:33.264 They examined trends in the use

NOTE Confidence: 0.8603872

00:13:33.264 --> 00:13:35.138 of telehealth for both mental

NOTE Confidence: 0.8603872

00:13:35.138 --> 00:13:37.488 health and substance use disorder

NOTE Confidence: 0.8603872

00:13:37.488 --> 00:13:39.368 treatment including within patients

NOTE Confidence: 0.8603872

00:13:39.439 --> 00:13:41.660 or using patients who were in

NOTE Confidence: 0.8603872

00:13:41.660 --> 00:13:43.500 a private insurance systems.

NOTE Confidence: 0.8603872

00:13:43.500 --> 00:13:44.826 So this did not include patients

NOTE Confidence: 0.8603872

00:13:44.826 --> 00:13:46.260 who were on Medicaid or Medicare,

NOTE Confidence: 0.8603872

00:13:46.260 --> 00:13:48.430 but this was a national sample of

NOTE Confidence: 0.8603872

00:13:48.430 --> 00:13:49.820 patients with private insurance.

NOTE Confidence: 0.8603872

00:13:49.820 --> 00:13:52.340 And they found that use of telehealth

NOTE Confidence: 0.8603872

00:13:52.406 --> 00:13:54.746 for both mental health and substance

NOTE Confidence: 0.8603872

00:13:54.746 --> 00:13:56.306 use disorders increased quite

NOTE Confidence: 0.8603872

00:13:56.368 --> 00:13:58.258 substantially from 2010 to 2017.

NOTE Confidence: 0.8603872

00:13:58.260 --> 00:14:00.220 But the use of substance use disorder care,

NOTE Confidence: 0.8603872

00:14:00.220 --> 00:14:01.798 as you'll see from this figure,

NOTE Confidence: 0.8603872

00:14:01.800 --> 00:14:03.885 remained much lower than other

NOTE Confidence: 0.8603872

00:14:03.885 --> 00:14:05.553 mental healthcare pre COVID.

NOTE Confidence: 0.8603872

00:14:05.560 --> 00:14:07.978 And so there are likely things

NOTE Confidence: 0.8603872

00:14:07.978 --> 00:14:09.187 about addiction care.

NOTE Confidence: 0.8603872

00:14:09.190 --> 00:14:10.390 Either the historical systems

NOTE Confidence: 0.8603872

00:14:10.390 --> 00:14:12.556 that we're used to that have been

NOTE Confidence: 0.8603872

00:14:12.556 --> 00:14:14.106 used to deliver addiction care,

NOTE Confidence: 0.8603872

00:14:14.110 --> 00:14:15.122 the elements of treatment,

NOTE Confidence: 0.8603872

00:14:15.122 --> 00:14:15.628 for example,

NOTE Confidence: 0.8603872

00:14:15.630 --> 00:14:17.270 including things like urine

NOTE Confidence: 0.8603872

00:14:17.270 --> 00:14:18.090 toxicology screens,

NOTE Confidence: 0.8603872

00:14:18.090 --> 00:14:19.830 or even the treatments themselves,

NOTE Confidence: 0.8603872

00:14:19.830 --> 00:14:21.664 including group therapy and things like that,

NOTE Confidence: 0.8603872

00:14:21.670 --> 00:14:23.775 that might have made telehealth

NOTE Confidence: 0.8603872

00:14:23.775 --> 00:14:26.570 adoption lower even before the pandemic.

NOTE Confidence: 0.838751731428572

00:14:28.800 --> 00:14:30.627 So the other study I wanted to

NOTE Confidence: 0.838751731428572

00:14:30.627 --> 00:14:32.518 highlight is a study by our team.

NOTE Confidence: 0.838751731428572

00:14:32.520 --> 00:14:34.364 We examined telehealth specifically

NOTE Confidence: 0.838751731428572

00:14:34.364 --> 00:14:37.130 for opioid use disorder treatment of

NOTE Confidence: 0.838751731428572

00:14:37.195 --> 00:14:39.499 buprenorphine pre COVID and the BHA.

NOTE Confidence: 0.838751731428572

00:14:39.500 --> 00:14:42.244 In that study, we included veterans who

NOTE Confidence: 0.838751731428572

00:14:42.244 --> 00:14:43.836 received any buprenorphine treatment

NOTE Confidence: 0.838751731428572

00:14:43.836 --> 00:14:46.293 from fiscal year 2012 through 2019 and

NOTE Confidence: 0.838751731428572

00:14:46.293 --> 00:14:48.823 similar we saw overall increases until

NOTE Confidence: 0.838751731428572

00:14:48.823 --> 00:14:51.033 health use for buprenorphine treatment.

NOTE Confidence: 0.838751731428572

00:14:51.040 --> 00:14:54.156 So that by 2019 about 8% of patients

NOTE Confidence: 0.838751731428572

00:14:54.156 --> 00:14:56.046 receiving any buprenorphine for OUD

NOTE Confidence: 0.838751731428572

00:14:56.046 --> 00:14:58.448 have received some form of telemedicine.

NOTE Confidence: 0.838751731428572

00:14:58.450 --> 00:15:00.790 At least once and in this paper we detailed

NOTE Confidence: 0.838751731428572

00:15:00.790 --> 00:15:02.711 also characteristics of patients who

NOTE Confidence: 0.838751731428572

31

00:15:02.711 --> 00:15:05.117 received telehealth versus in person care.

NOTE Confidence: 0.838751731428572

00:15:05.120 --> 00:15:07.757 But the thing I want to emphasize most of

NOTE Confidence: 0.838751731428572

00:15:07.757 --> 00:15:10.463 all is that in the study pre COVID teller,

NOTE Confidence: 0.838751731428572

00:15:10.463 --> 00:15:11.995 buprenorphine looked quite different

NOTE Confidence: 0.838751731428572

00:15:11.995 --> 00:15:14.873 than it does now prior to COVID and

NOTE Confidence: 0.838751731428572

00:15:14.873 --> 00:15:16.383 specifically prior to the support

NOTE Confidence: 0.838751731428572

00:15:16.383 --> 00:15:18.337 Act of 2018 telling buprenorphine

NOTE Confidence: 0.838751731428572

00:15:18.337 --> 00:15:20.477 was mostly limited to telehealth

NOTE Confidence: 0.838751731428572

00:15:20.477 --> 00:15:22.620 from clinicians in a large clinic,

NOTE Confidence: 0.838751731428572

00:15:22.620 --> 00:15:24.316 for example, our large healthcare

NOTE Confidence: 0.838751731428572

00:15:24.316 --> 00:15:26.428 systems seeing patients via video who

NOTE Confidence: 0.838751731428572

00:15:26.428 --> 00:15:28.486 are presenting in a rural clinic.

NOTE Confidence: 0.838751731428572

00:15:28.490 --> 00:15:29.666 And not at home,

NOTE Confidence: 0.838751731428572

00:15:29.666 --> 00:15:31.902 which is obviously what a large proportion

NOTE Confidence: 0.838751731428572

00:15:31.902 --> 00:15:34.368 of telehealth looks like these days.

NOTE Confidence: 0.838751731428572

00:15:34.370 --> 00:15:36.162 This is what we were doing in Ann

NOTE Confidence: 0.838751731428572

00:15:36.162 --> 00:15:37.650 Arbor starting about five years ago.

NOTE Confidence: 0.838751731428572

00:15:37.650 --> 00:15:39.080 We were early adopters because

NOTE Confidence: 0.838751731428572

00:15:39.080 --> 00:15:40.224 well before the pandemic,

NOTE Confidence: 0.838751731428572

00:15:40.230 --> 00:15:41.630 we realized that although

NOTE Confidence: 0.838751731428572

00:15:41.630 --> 00:15:43.030 our large PA system,

NOTE Confidence: 0.838751731428572

00:15:43.030 --> 00:15:44.753 which is located in Ann Arbor, MI,

NOTE Confidence: 0.838751731428572

00:15:44.753 --> 00:15:47.644 many of our patients were needing care,

NOTE Confidence: 0.838751731428572

00:15:47.650 --> 00:15:49.096 especially those who are presenting in

NOTE Confidence: 0.838751731428572

00:15:49.096 --> 00:15:51.088 the HVAC box or the community clinics.

NOTE Confidence: 0.838751731428572

00:15:51.090 --> 00:15:51.610 For example,

NOTE Confidence: 0.838751731428572

00:15:51.610 --> 00:15:52.952 the one in Flint, MI,

NOTE Confidence: 0.838751731428572

00:15:52.952 --> 00:15:54.764 really had no addiction providers and

NOTE Confidence: 0.838751731428572

00:15:54.764 --> 00:15:57.405 that's kind of what had motivated us to

NOTE Confidence: 0.838751731428572

00:15:57.405 --> 00:15:59.080 start seeing patients via telehealth.

NOTE Confidence: 0.838751731428572

00:15:59.080 --> 00:15:59.914 Um, back then.

NOTE Confidence: 0.838751731428572

00:15:59.914 --> 00:16:00.470 But again,

NOTE Confidence: 0.838751731428572

00:16:00.470 --> 00:16:03.090 they were presenting in a

NOTE Confidence: 0.838751731428572

00:16:03.090 --> 00:16:05.186 in a community clinic.

NOTE Confidence: 0.838751731428572

00:16:05.190 --> 00:16:07.566 But of course came COVID-19 and

NOTE Confidence: 0.838751731428572

00:16:07.566 --> 00:16:09.660 that has radically changed the

NOTE Confidence: 0.838751731428572

00:16:09.660 --> 00:16:11.408 way Healthcare is delivered.

NOTE Confidence: 0.838751731428572

00:16:11.410 --> 00:16:13.768 I think all of us in the healthcare system

NOTE Confidence: 0.838751731428572

00:16:13.768 --> 00:16:16.145 have felt this in numerous different ways,

NOTE Confidence: 0.838751731428572

00:16:16.150 --> 00:16:17.610 but it's important to think

NOTE Confidence: 0.838751731428572

00:16:17.610 --> 00:16:19.070 about exactly what the impacts

NOTE Confidence: 0.838751731428572

00:16:19.126 --> 00:16:20.686 are of specific policy changes,

NOTE Confidence: 0.838751731428572

00:16:20.690 --> 00:16:23.186 both at the federal and the state level

NOTE Confidence: 0.838751731428572

00:16:23.186 --> 00:16:25.940 and the extent of these policy changes.

NOTE Confidence: 0.838751731428572

00:16:25.940 --> 00:16:27.730 I summarized the main changes

NOTE Confidence: 0.838751731428572

00:16:27.730 --> 00:16:30.236 here in this slide and I just

NOTE Confidence: 0.838751731428572

00:16:30.236 --> 00:16:31.856 wanted to highlight a few.

NOTE Confidence: 0.838751731428572

00:16:31.860 --> 00:16:33.792 Many of us are specifically familiar

NOTE Confidence: 0.838751731428572

00:16:33.792 --> 00:16:35.960 with the Ryan Hate Act exemption,

NOTE Confidence: 0.838751731428572

00:16:35.960 --> 00:16:39.560 a federal law which in the current public

NOTE Confidence: 0.838751731428572

00:16:39.560 --> 00:16:42.556 health emergency declared as part of COVID.

NOTE Confidence: 0.838751731428572

00:16:42.560 --> 00:16:44.936 It's allowed us to prescribe if you've been

NOTE Confidence: 0.838751731428572

00:16:44.936 --> 00:16:46.715 morphine and other controlled medications

NOTE Confidence: 0.838751731428572

00:16:46.715 --> 00:16:48.977 without an initial in person visit.

NOTE Confidence: 0.838751731428572

00:16:48.980 --> 00:16:51.473 But I want to emphasize that it's also not

NOTE Confidence: 0.838751731428572

00:16:51.473 --> 00:16:53.576 just that and in fact potentially that

NOTE Confidence: 0.838751731428572

00:16:53.576 --> 00:16:55.999 is really one of the smaller impacts.

NOTE Confidence: 0.838751731428572

00:16:56.000 --> 00:16:57.776 But a combination of many different

NOTE Confidence: 0.838751731428572

00:16:57.776 --> 00:16:59.719 policy changes at the federal and

NOTE Confidence: 0.838751731428572

00:16:59.719 --> 00:17:01.837 state levels that have allowed for

NOTE Confidence: 0.838751731428572

00:17:01.837 --> 00:17:03.140 substantial increases in telehealth

NOTE Confidence: 0.838751731428572

00:17:03.140 --> 00:17:05.037 use that I'm going to be showing.

NOTE Confidence: 0.838751731428572

00:17:05.040 --> 00:17:05.793 And in particular,

NOTE Confidence: 0.838751731428572

00:17:05.793 --> 00:17:06.546 I would say,

NOTE Confidence: 0.838751731428572

00:17:06.550 --> 00:17:08.422 Sam says allowance of phone visits

NOTE Confidence: 0.838751731428572

00:17:08.422 --> 00:17:11.007 for the first time for if you've been

NOTE Confidence: 0.838751731428572

00:17:11.007 --> 00:17:12.915 orphine treatment was a big impact.

NOTE Confidence: 0.838751731428572

00:17:12.920 --> 00:17:16.000 Also major changes in reimbursement.

NOTE Confidence: 0.838751731428572

00:17:16.000 --> 00:17:17.372 So prior to COVID,

NOTE Confidence: 0.838751731428572

00:17:17.372 --> 00:17:20.420 CMS or the Center for Medicaid and Medicare,

NOTE Confidence: 0.821409314210526

00:17:20.420 --> 00:17:21.792 we're really only allowing

NOTE Confidence: 0.821409314210526

00:17:21.792 --> 00:17:23.507 telehealth services to be reimbursed

NOTE Confidence: 0.821409314210526

00:17:23.507 --> 00:17:25.522 for rural patients with a very

NOTE Confidence: 0.821409314210526

00:17:25.522 --> 00:17:26.818 strict definition of morality.

NOTE Confidence: 0.821409314210526

00:17:26.820 --> 00:17:29.088 You were presenting in rural clinics,

NOTE Confidence: 0.821409314210526

00:17:29.090 --> 00:17:31.834 so all of these changes were needed to

NOTE Confidence: 0.821409314210526

00:17:31.834 --> 00:17:34.048 really decrease barriers to telehealth,

NOTE Confidence: 0.821409314210526

00:17:34.050 --> 00:17:35.615 and all of these changes

NOTE Confidence: 0.821409314210526

00:17:35.615 --> 00:17:36.867 are currently under debate.

NOTE Confidence: 0.911346966923077

00:17:39.440 --> 00:17:41.295 And so given all the policy changes

NOTE Confidence: 0.911346966923077

00:17:41.295 --> 00:17:42.978 since the start of the pandemic,

NOTE Confidence: 0.911346966923077

00:17:42.980 --> 00:17:45.325 I think it's really important to examine

NOTE Confidence: 0.911346966923077

00:17:45.325 --> 00:17:47.738 the impacts on treatment longer term.

NOTE Confidence: 0.911346966923077

00:17:47.740 --> 00:17:49.434 And a paper from our team that

NOTE Confidence: 0.911346966923077

00:17:49.434 --> 00:17:50.783 was recently published in the

NOTE Confidence: 0.911346966923077

00:17:50.783 --> 00:17:51.939 American Journal of Psychiatry,

NOTE Confidence: 0.911346966923077

00:17:51.940 --> 00:17:53.770 we examined the impact of the

NOTE Confidence: 0.911346966923077

00:17:53.770 --> 00:17:55.377 COVID-19 related changes at the

NOTE Confidence: 0.911346966923077

00:17:55.377 --> 00:17:57.339 federal level occurring in March of

NOTE Confidence: 0.911346966923077

00:17:57.339 --> 00:17:59.039 2020 on buprenorphine treatment in

NOTE Confidence: 0.911346966923077

00:17:59.039 --> 00:18:00.699 the entire population of veterans

NOTE Confidence: 0.911346966923077

00:18:00.699 --> 00:18:03.144 with opioid use disorder in the VHA,

NOTE Confidence: 0.911346966923077

00:18:03.144 --> 00:18:05.310 which is also the largest single

NOTE Confidence: 0.911346966923077

00:18:05.383 --> 00:18:07.768 addiction provider in this country.

00:18:07.770 --> 00:18:08.529 In this figure,

00:18:08.529 --> 00:18:10.300 what you'll see is that the blue

00:18:10.355 --> 00:18:12.665 line represents in person visits for

00:18:12.665 --> 00:18:14.205 buprenorphine treatment and starting

00:18:14.259 --> 00:18:15.999 very quickly after March of 2020,

00:18:16.000 --> 00:18:18.336 you see a major shift away from in

00:18:18.336 --> 00:18:20.079 person visits towards phone visits

00:18:20.079 --> 00:18:22.269 which is represented by the Orange

00:18:22.269 --> 00:18:24.816 Line and then video visits the green

00:18:24.816 --> 00:18:27.058 line with phone continuing to exceed

00:18:27.058 --> 00:18:29.475 video visits by February of 2021.

00:18:29.475 --> 00:18:29.820 Overall,

00:18:29.820 --> 00:18:32.235 we found that over a very short

00:18:32.235 --> 00:18:33.169 period of time,

00:18:33.170 --> 00:18:35.564 use of telehealth increase from about 10%

NOTE Confidence: 0.911346966923077

00:18:35.570 --> 00:18:38.018 of patients to over 80% for buprenorphine.

NOTE Confidence: 0.911346966923077

00:18:38.018 --> 00:18:39.738 Treatment with the majority of

NOTE Confidence: 0.911346966923077

00:18:39.738 --> 00:18:41.690 those visits being telephone visits.

NOTE Confidence: 0.911346966923077

00:18:41.690 --> 00:18:43.607 And at the same time we found that the

NOTE Confidence: 0.911346966923077

00:18:43.607 --> 00:18:45.521 monthly number of patients receiving

NOTE Confidence: 0.911346966923077

00:18:45.521 --> 00:18:47.169 buprenorphine actually increased slightly,

NOTE Confidence: 0.911346966923077

00:18:47.170 --> 00:18:49.432 but mostly due to patients staying

NOTE Confidence: 0.911346966923077

00:18:49.432 --> 00:18:51.773 on treatment longer and not due

NOTE Confidence: 0.911346966923077

00:18:51.773 --> 00:18:53.678 to more patients initiating here.

NOTE Confidence: 0.911346966923077

00:18:53.680 --> 00:18:55.870 So although COVID has greatly disrupted

NOTE Confidence: 0.911346966923077

00:18:55.870 --> 00:18:57.780 care across our healthcare system,

NOTE Confidence: 0.911346966923077

00:18:57.780 --> 00:18:59.558 I think what these results suggest is

NOTE Confidence: 0.911346966923077

00:18:59.558 --> 00:19:00.938 that telehealth has actually helped

NOTE Confidence: 0.911346966923077

00:19:00.938 --> 00:19:02.648 to sustain a crucial treatment for

NOTE Confidence: 0.911346966923077

00:19:02.648 --> 00:19:04.159 veterans with opioid use disorder,

NOTE Confidence: 0.911346966923077

00:19:04.160 --> 00:19:05.750 which is a particularly vulnerable

NOTE Confidence: 0.911346966923077

00:19:05.750 --> 00:19:07.683 population who we could have hypothesized

NOTE Confidence: 0.911346966923077

00:19:07.683 --> 00:19:09.435 might have actually been a group

NOTE Confidence: 0.911346966923077

00:19:09.435 --> 00:19:11.378 to have seen large drops in care.

NOTE Confidence: 0.911346966923077

00:19:11.380 --> 00:19:13.276 A big concern for many of us now

NOTE Confidence: 0.911346966923077

00:19:13.276 --> 00:19:15.420 is that as care has begins to shift

NOTE Confidence: 0.911346966923077

00:19:15.420 --> 00:19:17.252 or many ways have already shifted

NOTE Confidence: 0.911346966923077

00:19:17.252 --> 00:19:19.352 back into person due to clinic

NOTE Confidence: 0.911346966923077

00:19:19.352 --> 00:19:20.980 policies and changing COVID-19,

NOTE Confidence: 0.911346966923077

00:19:20.980 --> 00:19:23.280 could this actually adversely affect?

NOTE Confidence: 0.911346966923077

00:19:23.280 --> 00:19:24.087 Over our patients,

NOTE Confidence: 0.911346966923077

00:19:24.087 --> 00:19:25.701 many of whom have only known

NOTE Confidence: 0.911346966923077

00:19:25.701 --> 00:19:26.920 treatment through telehealth.

NOTE Confidence: 0.82456016

00:19:29.330 --> 00:19:32.258 And so that prior study looked at examining

NOTE Confidence: 0.82456016

00:19:32.258 --> 00:19:34.604 shifts and trends throughout the period

NOTE Confidence: 0.82456016

00:19:34.604 --> 00:19:37.740 one year before COVID to one year after.

NOTE Confidence: 0.82456016

00:19:37.740 --> 00:19:39.294 But I think the key question that

NOTE Confidence: 0.82456016

00:19:39.294 --> 00:19:41.210 many of us also are curious about

NOTE Confidence: 0.82456016

00:19:41.210 --> 00:19:42.998 is how does tell healthcare actually

NOTE Confidence: 0.82456016

00:19:43.054 --> 00:19:44.519 compare directly with in person

NOTE Confidence: 0.82456016

00:19:44.519 --> 00:19:46.840 visits and also phone with video and

NOTE Confidence: 0.82456016

00:19:46.840 --> 00:19:48.965 examining the trends across COVID,

NOTE Confidence: 0.82456016

00:19:48.970 --> 00:19:51.000 like what I showed before doesn't actually

NOTE Confidence: 0.82456016

00:19:51.000 --> 00:19:52.767 answer that question because it's also

NOTE Confidence: 0.82456016

00:19:52.767 --> 00:19:54.734 confounded by the overall effects of COVID,

NOTE Confidence: 0.82456016

00:19:54.740 --> 00:19:56.388 which obviously affected our

NOTE Confidence: 0.82456016

00:19:56.388 --> 00:19:58.448 healthcare delivery and patient use,

NOTE Confidence: 0.82456016

00:19:58.450 --> 00:19:59.754 so in another study.

NOTE Confidence: 0.82456016

00:19:59.754 --> 00:20:01.384 That we recently published in

NOTE Confidence: 0.82456016

00:20:01.384 --> 00:20:03.288 our team led by Doctor Frost,

NOTE Confidence: 0.82456016

00:20:03.290 --> 00:20:05.600 Madeline Frost at University of Washington.

NOTE Confidence: 0.82456016

00:20:05.600 --> 00:20:07.574 We compare both the characteristics of

NOTE Confidence: 0.82456016

00:20:07.574 --> 00:20:09.280 patients who use different treatment

NOTE Confidence: 0.82456016

00:20:09.280 --> 00:20:11.314 modalities and also looked at the

NOTE Confidence: 0.82456016

00:20:11.314 --> 00:20:13.141 association between the treatment modality

NOTE Confidence: 0.82456016

00:20:13.141 --> 00:20:15.415 used and important outcome of retention

NOTE Confidence: 0.82456016

00:20:15.415 --> 00:20:17.689 on buprenorphine treatment across video,

NOTE Confidence: 0.82456016

00:20:17.689 --> 00:20:20.204 phone and in person visits.

NOTE Confidence: 0.82456016

00:20:20.210 --> 00:20:22.454 In a population of veterans with

NOTE Confidence: 0.82456016

00:20:22.454 --> 00:20:24.663 opioid use disorder in the one

NOTE Confidence: 0.82456016

00:20:24.663 --> 00:20:26.889 year post COVID and in that study,

NOTE Confidence: 0.82456016

00:20:26.890 --> 00:20:30.340 we found that in this period 88% of

NOTE Confidence: 0.82456016

00:20:30.340 --> 00:20:32.115 veterans received buprenorphine for OUD

NOTE Confidence: 0.82456016

00:20:32.115 --> 00:20:34.410 receive some form of telehealth visits.

NOTE Confidence: 0.82456016

00:20:34.410 --> 00:20:34.775 However,

NOTE Confidence: 0.82456016

00:20:34.775 --> 00:20:36.600 there were still important differences

NOTE Confidence: 0.82456016

00:20:36.600 --> 00:20:39.264 in who received video versus phone versus

NOTE Confidence: 0.82456016

00:20:39.264 --> 00:20:41.169 in person visits and characteristics

NOTE Confidence: 0.82456016

00:20:41.169 --> 00:20:43.474 associated with being less likely to

NOTE Confidence: 0.82456016

00:20:43.474 --> 00:20:45.329 receive telehealth included being younger,

NOTE Confidence: 0.82456016

00:20:45.330 --> 00:20:46.478 male, black,

NOTE Confidence: 0.82456016

00:20:46.478 --> 00:20:47.052 Hispanic,

NOTE Confidence: 0.82456016

00:20:47.052 --> 00:20:49.772 and having comorbid other STD's.

NOTE Confidence: 0.82456016

00:20:49.772 --> 00:20:51.882 And among patients who received

NOTE Confidence: 0.82456016

00:20:51.882 --> 00:20:52.726 any telehealth,

NOTE Confidence: 0.82456016

00:20:52.730 --> 00:20:54.710 those who were much more likely

NOTE Confidence: 0.82456016

00:20:54.710 --> 00:20:56.470 to receive phone visits were

NOTE Confidence: 0.82456016

00:20:56.470 --> 00:20:58.370 older black or homeless patients.

NOTE Confidence: 0.82456016

00:20:58.370 --> 00:20:58.924 And lastly,

NOTE Confidence: 0.82456016

00:20:58.924 --> 00:21:00.586 and I would say very importantly,

NOTE Confidence: 0.82456016

00:21:00.590 --> 00:21:02.462 we found that patients who received

NOTE Confidence: 0.82456016

00:21:02.462 --> 00:21:04.387 any telehealth in this time period

NOTE Confidence: 0.82456016

00:21:04.387 --> 00:21:05.922 compared to those who received

NOTE Confidence: 0.82456016

00:21:05.922 --> 00:21:07.756 only in person visits were actually

NOTE Confidence: 0.82456016

00:21:07.756 --> 00:21:09.751 more likely to be retained at 90

NOTE Confidence: 0.82456016

00:21:09.760 --> 00:21:11.615 days compared to patients who

NOTE Confidence: 0.82456016

00:21:11.615 --> 00:21:13.470 only received in person visits.

NOTE Confidence: 0.82456016

00:21:13.470 --> 00:21:14.850 And this is a very important

NOTE Confidence: 0.82456016

00:21:14.850 --> 00:21:16.977 outcome for a lot of us who study

NOTE Confidence: 0.82456016

00:21:16.977 --> 00:21:18.129 opioid use disorder treatment,

NOTE Confidence: 0.82456016

00:21:18.130 --> 00:21:20.615 really retention on buprenorphine is what we.

NOTE Confidence: 0.82456016

00:21:20.620 --> 00:21:23.444 Focus on as being a key outcome measure,

NOTE Confidence: 0.82456016

00:21:23.450 --> 00:21:25.190 which has been associated with

NOTE Confidence: 0.82456016

00:21:25.190 --> 00:21:27.069 numerous other benefits for patients.

NOTE Confidence: 0.850465255333333

00:21:29.440 --> 00:21:31.968 And so similar findings I want to emphasize

NOTE Confidence: 0.850465255333333

00:21:31.968 --> 00:21:34.620 has been seen in non veteran populations.

NOTE Confidence: 0.850465255333333

00:21:34.620 --> 00:21:36.042 In a recent study by Chris

NOTE Confidence: 0.850465255333333

00:21:36.042 --> 00:21:37.879 Jones at the CDC and colleagues,

NOTE Confidence: 0.850465255333333

00:21:37.880 --> 00:21:39.630 they examined Medicare fee for

NOTE Confidence: 0.850465255333333

00:21:39.630 --> 00:21:41.380 service patients in the US.

NOTE Confidence: 0.850465255333333

00:21:41.380 --> 00:21:43.276 They compared a cohort of patients

NOTE Confidence: 0.850465255333333

00:21:43.276 --> 00:21:44.931 with opioid use disorder immediately

NOTE Confidence: 0.850465255333333

00:21:44.931 --> 00:21:46.923 prior to the pandemic and another

NOTE Confidence: 0.850465255333333

00:21:46.923 --> 00:21:49.160 cohort after the start of the pandemic.

NOTE Confidence: 0.850465255333333

00:21:49.160 --> 00:21:50.705 And they found that telehealth

NOTE Confidence: 0.850465255333333

00:21:50.705 --> 00:21:52.580 for any opioid use disorder care,

NOTE Confidence: 0.850465255333333

00:21:52.580 --> 00:21:54.169 which in their study they were not

NOTE Confidence: 0.850465255333333

00:21:54.169 --> 00:21:55.535 able to associate the telehealth

NOTE Confidence: 0.850465255333333

00:21:55.535 --> 00:21:57.437 visit directly to the medication treatment.

NOTE Confidence: 0.850465255333333

00:21:57.440 --> 00:21:58.208 But really.

NOTE Confidence: 0.850465255333333

00:21:58.208 --> 00:22:00.128 Encompassing any OU D care,

NOTE Confidence: 0.850465255333333

00:22:00.130 --> 00:22:02.040 they found that telehealth visits

NOTE Confidence: 0.850465255333333

00:22:02.040 --> 00:22:04.316 increased from 0.6% to 19.6%,

NOTE Confidence: 0.850465255333333

00:22:04.316 --> 00:22:06.826 which is a substantial increase,

NOTE Confidence: 0.850465255333333

00:22:06.830 --> 00:22:07.421 I would say,

NOTE Confidence: 0.850465255333333

00:22:07.421 --> 00:22:08.800 in a very short period of time

NOTE Confidence: 0.850465255333333

00:22:08.854 --> 00:22:10.288 where in healthcare not a whole

NOTE Confidence: 0.850465255333333

00:22:10.288 --> 00:22:11.890 lot of things change that quickly,

NOTE Confidence: 0.850465255333333

00:22:11.890 --> 00:22:13.983 but as of course lower than the

NOTE Confidence: 0.850465255333333

00:22:13.983 --> 00:22:15.819 increase that we saw in the VA.

NOTE Confidence: 0.850465255333333

00:22:15.820 --> 00:22:18.543 They also found that receipt of any

NOTE Confidence: 0.850465255333333

00:22:18.543 --> 00:22:21.241 telehealth for OUD care was associated

NOTE Confidence: 0.850465255333333

00:22:21.241 --> 00:22:23.558 with increased retention on medications

NOTE Confidence: 0.850465255333333

00:22:23.558 --> 00:22:26.204 and also they found that receipt of

NOTE Confidence: 0.850465255333333

00:22:26.204 --> 00:22:28.617 any telehealth was associated with a

NOTE Confidence: 0.850465255333333

00:22:28.617 --> 00:22:30.999 decreased risk for overdose related visits.

NOTE Confidence: 0.850465255333333

00:22:31.000 --> 00:22:32.500 So patients were less likely to

NOTE Confidence: 0.850465255333333

00:22:32.500 --> 00:22:34.380 be seen in the emergency room,

NOTE Confidence: 0.850465255333333

00:22:34.380 --> 00:22:35.020 hospitalized,

NOTE Confidence: 0.850465255333333

00:22:35.020 --> 00:22:37.580 inpatient related to overdose,

NOTE Confidence: 0.850465255333333

00:22:37.580 --> 00:22:39.326 those who had received any telehealth

NOTE Confidence: 0.850465255333333

00:22:39.326 --> 00:22:40.939 compared to those who had not.

NOTE Confidence: 0.850465255333333

00:22:40.940 --> 00:22:42.851 Again this is these are not randomized

NOTE Confidence: 0.850465255333333

00:22:42.851 --> 00:22:44.393 controlled trials but this is the

NOTE Confidence: 0.850465255333333

00:22:44.393 --> 00:22:45.954 best that these are the best methods.

NOTE Confidence: 0.850465255333333

00:22:45.960 --> 00:22:47.030 That we have at hand,

NOTE Confidence: 0.850465255333333

00:22:47.030 --> 00:22:49.155 especially so shortly after the

NOTE Confidence: 0.850465255333333

00:22:49.155 --> 00:22:51.530 start of COVID, all of the data,

NOTE Confidence: 0.850465255333333

00:22:51.530 --> 00:22:52.905 this data is suggesting that

NOTE Confidence: 0.850465255333333

00:22:52.905 --> 00:22:54.551 telehealth could be associated with

NOTE Confidence: 0.850465255333333

00:22:54.551 --> 00:22:55.867 improved outcomes for patients

NOTE Confidence: 0.850465255333333

00:22:55.867 --> 00:22:57.220 with opioid use disorder.

NOTE Confidence: 0.870332636086957

00:23:00.480 --> 00:23:02.487 And so in summary, I think what we have

NOTE Confidence: 0.870332636086957

00:23:02.487 --> 00:23:04.247 learned from these early studies and you

NOTE Confidence: 0.870332636086957

00:23:04.247 --> 00:23:06.050 know for most folks in the audience,

NOTE Confidence: 0.870332636086957

00:23:06.050 --> 00:23:07.210 you know that research typically

NOTE Confidence: 0.870332636086957

00:23:07.210 --> 00:23:09.192 takes a long time. So COVID has been

NOTE Confidence: 0.870332636086957

00:23:09.192 --> 00:23:11.000 a real challenge for some of us.

NOTE Confidence: 0.870332636086957

00:23:11.000 --> 00:23:13.009 What we're starting to get a sense

NOTE Confidence: 0.870332636086957

00:23:13.009 --> 00:23:15.004 is that telehealth for opioid use

NOTE Confidence: 0.870332636086957

00:23:15.004 --> 00:23:16.326 disorder treatment largely likely

NOTE Confidence: 0.870332636086957

00:23:16.326 --> 00:23:17.841 helps sustain a critical treatment

NOTE Confidence: 0.870332636086957

00:23:17.841 --> 00:23:19.710 for a very vulnerable and complex

NOTE Confidence: 0.870332636086957

00:23:19.710 --> 00:23:21.831 population during a time when much of

NOTE Confidence: 0.870332636086957

00:23:21.881 --> 00:23:23.797 healthcare utilization was decreasing.

NOTE Confidence: 0.870332636086957

00:23:23.800 --> 00:23:25.788 Other studies have shown that use of

NOTE Confidence: 0.870332636086957

00:23:25.788 --> 00:23:27.328 other medical care were decreasing

NOTE Confidence: 0.870332636086957

00:23:27.328 --> 00:23:28.903 actually during the same period

NOTE Confidence: 0.870332636086957

00:23:28.903 --> 00:23:30.630 of time these early studies.

NOTE Confidence: 0.870332636086957

00:23:30.630 --> 00:23:32.844 Also indicate that telehealth was associated

NOTE Confidence: 0.870332636086957

00:23:32.844 --> 00:23:34.320 with potentially improved outcomes,

NOTE Confidence: 0.870332636086957

00:23:34.320 --> 00:23:36.540 including improved retention and care,

NOTE Confidence: 0.870332636086957

00:23:36.540 --> 00:23:38.538 and potentially even lower overdose rates,

NOTE Confidence: 0.870332636086957

00:23:38.540 --> 00:23:40.560 though future studies are really

NOTE Confidence: 0.870332636086957

00:23:40.560 --> 00:23:42.176 needed to substantiate that.

NOTE Confidence: 0.870332636086957

00:23:42.180 --> 00:23:43.815 And likely the causal mechanism

NOTE Confidence: 0.870332636086957

00:23:43.815 --> 00:23:45.849 is due to making it easier

NOTE Confidence: 0.870332636086957

00:23:45.849 --> 00:23:47.829 for patients to stay in care.

NOTE Confidence: 0.870332636086957

00:23:47.830 --> 00:23:49.874 And I want to emphasize these results

NOTE Confidence: 0.870332636086957

00:23:49.874 --> 00:23:52.290 because I think a lot of people here

NOTE Confidence: 0.870332636086957

00:23:52.290 --> 00:23:53.775 know that there's been tremendous

NOTE Confidence: 0.870332636086957

00:23:53.835 --> 00:23:55.617 national efforts and resources put in

NOTE Confidence: 0.870332636086957

00:23:55.617 --> 00:23:57.869 to try to combat the overdose epidemic,

NOTE Confidence: 0.870332636086957

00:23:57.869 --> 00:23:58.928 both from NIH,

NOTE Confidence: 0.870332636086957

00:23:58.930 --> 00:24:00.428 but really kind of at the state

NOTE Confidence: 0.870332636086957

49

00:24:00.428 --> 00:24:01.883 and federal level when it comes

NOTE Confidence: 0.870332636086957

00:24:01.883 --> 00:24:02.648 to service provision.

NOTE Confidence: 0.870332636086957

00:24:02.650 --> 00:24:04.837 And these data are some of the first to

NOTE Confidence: 0.870332636086957

00:24:04.837 --> 00:24:06.678 indicate that a particular intervention

NOTE Confidence: 0.870332636086957

00:24:06.678 --> 00:24:08.603 is actually associated with improved

NOTE Confidence: 0.870332636086957

00:24:08.603 --> 00:24:10.567 outcomes among this patient population.

NOTE Confidence: 0.870332636086957

00:24:10.570 --> 00:24:12.530 And so This is why it's particularly.

NOTE Confidence: 0.870332636086957

00:24:12.530 --> 00:24:12.840 Promising.

NOTE Confidence: 0.870332636086957

00:24:12.840 --> 00:24:14.700 There's actually very few things that

NOTE Confidence: 0.870332636086957

00:24:14.700 --> 00:24:17.033 we can think about to really improve

NOTE Confidence: 0.870332636086957

00:24:17.033 --> 00:24:18.723 outcomes in this patient population.

NOTE Confidence: 0.91261646875

00:24:21.360 --> 00:24:24.456 But I don't want to just stop there.

NOTE Confidence: 0.91261646875

00:24:24.460 --> 00:24:26.746 And so the although I've emphasized

NOTE Confidence: 0.91261646875

00:24:26.746 --> 00:24:29.922 I would say some of the potential

NOTE Confidence: 0.91261646875

00:24:29.922 --> 00:24:32.018 positive impacts from telehealth,

NOTE Confidence: 0.91261646875

00:24:32.020 --> 00:24:33.796 I I think that we also have to

NOTE Confidence: 0.91261646875

00:24:33.796 --> 00:24:35.328 emphasize that the this might not be

NOTE Confidence: 0.91261646875

00:24:35.328 --> 00:24:37.722 the same story for a lot of our other

NOTE Confidence: 0.91261646875

00:24:37.722 --> 00:24:39.026 patient populations including other

NOTE Confidence: 0.91261646875

00:24:39.026 --> 00:24:40.829 patients with substance use disorders.

NOTE Confidence: 0.91261646875

00:24:40.829 --> 00:24:43.127 So in a paper that's currently

NOTE Confidence: 0.91261646875

00:24:43.127 --> 00:24:45.277 under review by our team that's

NOTE Confidence: 0.91261646875

00:24:45.277 --> 00:24:46.972 led by Doctor Paramus Swami,

NOTE Confidence: 0.91261646875

00:24:46.980 --> 00:24:48.792 we examined treatment including

NOTE Confidence: 0.91261646875

00:24:48.792 --> 00:24:50.604 both medications and psychotherapy

NOTE Confidence: 0.91261646875

00:24:50.604 --> 00:24:52.604 among all patients with alcohol

NOTE Confidence: 0.91261646875

00:24:52.604 --> 00:24:54.319 use disorders in the VA.

NOTE Confidence: 0.91261646875

00:24:54.320 --> 00:24:55.588 And as you know,

NOTE Confidence: 0.91261646875

00:24:55.588 --> 00:24:56.856 unlike opioid use disorder

NOTE Confidence: 0.91261646875

00:24:56.856 --> 00:24:58.266 where medications aren't average

NOTE Confidence: 0.91261646875

00:24:58.266 --> 00:24:59.702 are the effective treatments

NOTE Confidence: 0.91261646875

00:24:59.702 --> 00:25:01.138 for alcohol use disorder,

NOTE Confidence: 0.91261646875

00:25:01.140 --> 00:25:03.650 both medication and psychotherapy are

NOTE Confidence: 0.91261646875

00:25:03.650 --> 00:25:06.160 effective in approximately similarly so.

NOTE Confidence: 0.91261646875

00:25:06.160 --> 00:25:06.658 So unfortunately,

NOTE Confidence: 0.91261646875

00:25:06.658 --> 00:25:08.401 what we found in this study is

NOTE Confidence: 0.91261646875

00:25:08.401 --> 00:25:10.391 that there was a dramatic drop in

NOTE Confidence: 0.91261646875

00:25:10.391 --> 00:25:11.519 alcohol use disorder treatment,

NOTE Confidence: 0.91261646875

00:25:11.520 --> 00:25:12.992 specifically in psychotherapy treatment

NOTE Confidence: 0.91261646875

00:25:12.992 --> 00:25:15.200 after the start of the pandemic,

NOTE Confidence: 0.91261646875

00:25:15.200 --> 00:25:18.630 which did not normalize one year after.

NOTE Confidence: 0.91261646875

00:25:18.630 --> 00:25:20.414 So in this figure you see we examine

NOTE Confidence: 0.91261646875

00:25:20.414 --> 00:25:22.169 trends in alcohol use disorder care.

NOTE Confidence: 0.91261646875

00:25:22.170 --> 00:25:24.174 So the entire population of veterans

NOTE Confidence: 0.91261646875

00:25:24.174 --> 00:25:26.280 with alcohol use disorder in the VA

NOTE Confidence: 0.91261646875

00:25:26.280 --> 00:25:27.939 receiving care one year pre to one

NOTE Confidence: 0.91261646875

00:25:27.998 --> 00:25:29.937 year post the start of the pandemic.

NOTE Confidence: 0.91261646875

00:25:29.940 --> 00:25:31.916 And what you see is that soon after

NOTE Confidence: 0.91261646875

00:25:31.916 --> 00:25:33.888 the start of the pandemic there was a

NOTE Confidence: 0.91261646875

00:25:33.888 --> 00:25:36.144 huge drop in in person visits but that

NOTE Confidence: 0.91261646875

00:25:36.144 --> 00:25:38.013 was not replaced fully by video and

NOTE Confidence: 0.91261646875

00:25:38.013 --> 00:25:40.047 in particular phone visits which is

NOTE Confidence: 0.91261646875

00:25:40.047 --> 00:25:42.269 what we saw for medications for OUD.

NOTE Confidence: 0.91261646875

00:25:42.270 --> 00:25:43.649 And in the study we actually found

NOTE Confidence: 0.91261646875

00:25:43.649 --> 00:25:45.169 the rates of medication treatment.

NOTE Confidence: 0.91261646875

00:25:45.170 --> 00:25:47.576 So now so our FDA approved

NOTE Confidence: 0.91261646875

00:25:47.576 --> 00:25:48.779 medications like naltrexone.

NOTE Confidence: 0.91261646875

00:25:48.780 --> 00:25:50.660 Increased during the study period.

NOTE Confidence: 0.91261646875

00:25:50.660 --> 00:25:52.220 But because medications are so

NOTE Confidence: 0.91261646875

00:25:52.220 --> 00:25:54.300 much less often used for alcohol

NOTE Confidence: 0.91261646875

00:25:54.300 --> 00:25:56.120 use disorder than psychotherapy,

NOTE Confidence: 0.91261646875

00:25:56.120 --> 00:25:57.902 the increase in medication did not

NOTE Confidence: 0.91261646875

00:25:57.902 --> 00:25:59.090 substantially change the overall

NOTE Confidence: 0.91261646875

00:25:59.139 --> 00:26:00.957 treatment rates for alcohol use disorder,

NOTE Confidence: 0.91261646875

00:26:00.960 --> 00:26:03.084 which fell about 30% after the

NOTE Confidence: 0.91261646875

00:26:03.084 --> 00:26:04.500 start of the pandemic.

NOTE Confidence: 0.91261646875

00:26:04.500 --> 00:26:06.327 And this is a huge increase when

NOTE Confidence: 0.91261646875

00:26:06.327 --> 00:26:08.046 you think about how prevalent AUD

NOTE Confidence: 0.91261646875

00:26:08.046 --> 00:26:09.804 is and how widespread the impacts

NOTE Confidence: 0.91261646875

00:26:09.804 --> 00:26:11.140 of untreated illness.

NOTE Confidence: 0.91261646875

00:26:11.140 --> 00:26:12.715 And I would say this data suggests

NOTE Confidence: 0.91261646875

00:26:12.715 --> 00:26:14.214 that although it was easy for

NOTE Confidence: 0.91261646875

00:26:14.214 --> 00:26:15.499 us to transition to telehealth

NOTE Confidence: 0.91261646875

00:26:15.499 --> 00:26:16.500 for medication treatment,

NOTE Confidence: 0.91261646875

00:26:16.500 --> 00:26:18.440 there may have been substantial

NOTE Confidence: 0.91261646875

00:26:18.440 --> 00:26:19.604 barriers for psychotherapy.

NOTE Confidence: 0.91261646875

00:26:19.610 --> 00:26:21.360 Which also includes both individual

NOTE Confidence: 0.91261646875

00:26:21.360 --> 00:26:22.410 and group psychotherapy.

NOTE Confidence: 0.872892301428571

00:26:26.090 --> 00:26:28.030 So in addition to examining

NOTE Confidence: 0.872892301428571

00:26:28.030 --> 00:26:28.806 treatment utilization,

NOTE Confidence: 0.872892301428571

00:26:28.810 --> 00:26:31.099 I also want to emphasize the importance

NOTE Confidence: 0.872892301428571

00:26:31.099 --> 00:26:32.498 of understanding patient experiences

NOTE Confidence: 0.872892301428571

00:26:32.498 --> 00:26:34.646 especially with newer models of care.

NOTE Confidence: 0.872892301428571

00:26:34.650 --> 00:26:36.288 In a recent study by our team,

NOTE Confidence: 0.872892301428571

00:26:36.290 --> 00:26:37.990 we conducted a semi structured

NOTE Confidence: 0.872892301428571

00:26:37.990 --> 00:26:39.690 qualitative interviews with over 30

NOTE Confidence: 0.872892301428571

00:26:39.748 --> 00:26:41.788 patients with opioid and alcohol use

NOTE Confidence: 0.872892301428571

00:26:41.788 --> 00:26:43.618 disorder to better understand the

NOTE Confidence: 0.872892301428571

00:26:43.618 --> 00:26:45.266 patient experiences with telehealth.

NOTE Confidence: 0.872892301428571

00:26:45.270 --> 00:26:47.888 And we found that experiences vary widely

NOTE Confidence: 0.872892301428571

00:26:47.888 --> 00:26:49.856 and we're actually quite unpredictable

NOTE Confidence: 0.872892301428571

00:26:49.856 --> 00:26:52.178 emphasizing that there is not just

NOTE Confidence: 0.872892301428571

00:26:52.178 --> 00:26:54.828 A1 size fits all model that's needed.

NOTE Confidence: 0.872892301428571

00:26:54.830 --> 00:26:57.092 An experience is really dependent on

NOTE Confidence: 0.872892301428571

00:26:57.092 --> 00:26:59.360 patient preferences and what was the

NOTE Confidence: 0.872892301428571

00:26:59.360 --> 00:27:01.100 actual feasible alternative for each

NOTE Confidence: 0.872892301428571

00:27:01.100 --> 00:27:03.368 patient at each point in their care.

NOTE Confidence: 0.872892301428571

00:27:03.370 --> 00:27:05.330 So patients overall described

NOTE Confidence: 0.872892301428571

00:27:05.330 --> 00:27:07.290 some advantages to telehealth.

NOTE Confidence: 0.872892301428571

00:27:07.290 --> 00:27:07.560 One.

NOTE Confidence: 0.872892301428571

00:27:07.560 --> 00:27:09.180 An interesting one I wanted to

NOTE Confidence: 0.872892301428571

00:27:09.180 --> 00:27:11.563 point out is that some people felt a

NOTE Confidence: 0.872892301428571

00:27:11.563 --> 00:27:13.480 decreased feeling of stigma or shame

NOTE Confidence: 0.872892301428571

00:27:13.480 --> 00:27:15.502 or being judged for their substance

NOTE Confidence: 0.872892301428571

00:27:15.502 --> 00:27:17.465 use disorders when they were seeing

NOTE Confidence: 0.872892301428571

00:27:17.465 --> 00:27:19.040 their clinicians remotely and not

NOTE Confidence: 0.872892301428571

00:27:19.040 --> 00:27:20.888 having to wait in waiting rooms.

NOTE Confidence: 0.872892301428571

00:27:20.890 --> 00:27:21.276 However,

NOTE Confidence: 0.872892301428571

00:27:21.276 --> 00:27:23.206 they also noted numerous disadvantages,

NOTE Confidence: 0.872892301428571

00:27:23.210 --> 00:27:24.998 including a decreased sense of connection.

NOTE Confidence: 0.872892301428571

00:27:25.000 --> 00:27:27.550 Report at times.

NOTE Confidence: 0.872892301428571

00:27:27.550 --> 00:27:29.078 And for some people,

NOTE Confidence: 0.872892301428571

00:27:29.078 --> 00:27:30.988 and then also numerous ongoing

NOTE Confidence: 0.872892301428571

00:27:30.988 --> 00:27:31.990 logistical barriers,

NOTE Confidence: 0.872892301428571

00:27:31.990 --> 00:27:34.318 including unreliable Internet services,

NOTE Confidence: 0.872892301428571

00:27:34.318 --> 00:27:36.646 limited resources in this

NOTE Confidence: 0.872892301428571

00:27:36.646 --> 00:27:37.810 particular population.

NOTE Confidence: 0.872892301428571

00:27:37.810 --> 00:27:39.952 So I think overall what we're learning

NOTE Confidence: 0.872892301428571

00:27:39.952 --> 00:27:41.928 is that COVID created a really,

NOTE Confidence: 0.872892301428571

00:27:41.930 --> 00:27:43.025 I think, bizarre,

NOTE Confidence: 0.872892301428571

00:27:43.025 --> 00:27:44.485 interesting experiment that none

NOTE Confidence: 0.872892301428571

00:27:44.485 --> 00:27:46.530 of us would have asked for.

NOTE Confidence: 0.872892301428571

00:27:46.530 --> 00:27:47.170 But before,

NOTE Confidence: 0.872892301428571

00:27:47.170 --> 00:27:49.090 COVID said in there was very

NOTE Confidence: 0.872892301428571

00:27:49.090 --> 00:27:50.669 little experience with telehealth,

NOTE Confidence: 0.872892301428571

00:27:50.670 --> 00:27:53.262 and that occurred only in early

NOTE Confidence: 0.872892301428571

00:27:53.262 --> 00:27:54.126 adopter settings.

NOTE Confidence: 0.872892301428571

00:27:54.130 --> 00:27:56.128 However, after the start of COVID,

NOTE Confidence: 0.872892301428571

00:27:56.130 --> 00:27:57.300 there was also not much.

NOTE Confidence: 0.872892301428571

00:27:57.300 --> 00:27:57.632 Voice,

NOTE Confidence: 0.872892301428571

00:27:57.632 --> 00:27:59.624 it felt like there wasn't a

NOTE Confidence: 0.872892301428571

00:27:59.624 --> 00:28:02.108 lot of choice for us both as

NOTE Confidence: 0.872892301428571

00:28:02.108 --> 00:28:03.524 clinicians or as patients.

NOTE Confidence: 0.872892301428571

00:28:03.530 --> 00:28:06.617 But in a world I would hope going forward,

NOTE Confidence: 0.872892301428571

00:28:06.620 --> 00:28:08.596 I I hope that we can learn some

NOTE Confidence: 0.872892301428571

00:28:08.596 --> 00:28:10.398 of these lessons and then think

NOTE Confidence: 0.872892301428571

00:28:10.398 --> 00:28:11.886 about what are the actual options

NOTE Confidence: 0.872892301428571

00:28:11.886 --> 00:28:13.250 we can offer to patients.

NOTE Confidence: 0.872892301428571

00:28:13.250 --> 00:28:14.986 And hopefully that it could occur in

NOTE Confidence: 0.872892301428571

00:28:14.986 --> 00:28:16.784 a hybrid setting where some patients

NOTE Confidence: 0.872892301428571

00:28:16.784 --> 00:28:18.449 were really prioritizing for one

NOTE Confidence: 0.872892301428571

00:28:18.449 --> 00:28:19.870 treatment modality versus another.

NOTE Confidence: 0.872892301428571

00:28:19.870 --> 00:28:21.400 And we're also trying to consider

NOTE Confidence: 0.872892301428571

00:28:21.400 --> 00:28:22.669 what are reasonable options that

NOTE Confidence: 0.872892301428571

00:28:22.669 --> 00:28:23.887 we want to give our patients.

NOTE Confidence: 0.855587020666667

00:28:26.820 --> 00:28:29.291 OK. So I've actually had the luck

NOTE Confidence: 0.855587020666667

00:28:29.291 --> 00:28:31.458 and the opportunity to have this

NOTE Confidence: 0.855587020666667

00:28:31.458 --> 00:28:33.534 type of talk or conversation with

NOTE Confidence: 0.855587020666667

00:28:33.534 --> 00:28:36.283 quite a number of large clinician

NOTE Confidence: 0.855587020666667

00:28:36.283 --> 00:28:38.147 audiences across clinicians with

NOTE Confidence: 0.855587020666667

00:28:38.147 --> 00:28:40.235 different types of in in different

NOTE Confidence: 0.855587020666667

00:28:40.235 --> 00:28:41.850 areas of substance abuse treatment,

NOTE Confidence: 0.855587020666667

00:28:41.850 --> 00:28:43.054 substance use disorder treatment.

NOTE Confidence: 0.855587020666667

00:28:43.054 --> 00:28:45.574 And it's clear that there are many questions

NOTE Confidence: 0.855587020666667

00:28:45.574 --> 00:28:47.548 that clinicians are struggling with now.

NOTE Confidence: 0.855587020666667

00:28:47.550 --> 00:28:50.938 So and many of them really are

NOTE Confidence: 0.855587020666667

00:28:50.938 --> 00:28:52.698 not necessarily being guided by a

NOTE Confidence: 0.855587020666667

00:28:52.698 --> 00:28:54.338 lot of the data, some of the data

NOTE Confidence: 0.855587020666667

00:28:54.338 --> 00:28:55.610 that I just put this presented.

NOTE Confidence: 0.855587020666667

00:28:55.610 --> 00:28:58.004 And I think what I hear most is that

NOTE Confidence: 0.855587020666667

00:28:58.004 --> 00:28:59.101 clinicians experience tremendous

NOTE Confidence: 0.855587020666667

00:28:59.101 --> 00:29:01.411 uncertainty about what they should do

NOTE Confidence: 0.855587020666667

00:29:01.411 --> 00:29:03.828 or offer to their patients right now.

NOTE Confidence: 0.855587020666667

00:29:03.830 --> 00:29:04.806 On the one hand,

NOTE Confidence: 0.855587020666667

00:29:04.806 --> 00:29:06.270 some clinicians have seen their no

NOTE Confidence: 0.855587020666667

00:29:06.324 --> 00:29:08.364 show rates really drop when they've

NOTE Confidence: 0.855587020666667

00:29:08.364 --> 00:29:09.724 offered more flexible appointments,

NOTE Confidence: 0.855587020666667

00:29:09.730 --> 00:29:11.870 including via phone or video,

NOTE Confidence: 0.855587020666667

00:29:11.870 --> 00:29:13.574 but there's also discomfort.

NOTE Confidence: 0.855587020666667

00:29:13.574 --> 00:29:15.278 Sometimes about talking taking

NOTE Confidence: 0.855587020666667

00:29:15.278 --> 00:29:17.558 care of patients who we might

NOTE Confidence: 0.855587020666667

00:29:17.558 --> 00:29:19.253 have never seen in person.

NOTE Confidence: 0.855587020666667

00:29:19.260 --> 00:29:21.024 And that also brings up questions like

NOTE Confidence: 0.855587020666667

00:29:21.024 --> 00:29:22.658 how important is the physical exam?

NOTE Confidence: 0.855587020666667

00:29:22.660 --> 00:29:25.075 When should a physical exam be done?

NOTE Confidence: 0.855587020666667

00:29:25.080 --> 00:29:25.672 How often?

NOTE Confidence: 0.855587020666667

00:29:25.672 --> 00:29:27.744 There's also very little in the way

NOTE Confidence: 0.855587020666667

00:29:27.744 --> 00:29:30.104 of guidelines to guide general opioid

NOTE Confidence: 0.855587020666667

00:29:30.104 --> 00:29:32.470 or other substance use disorder care,

NOTE Confidence: 0.855587020666667

00:29:32.470 --> 00:29:34.306 which is a similar challenge we

NOTE Confidence: 0.855587020666667

00:29:34.306 --> 00:29:36.210 face in general mental healthcare.

NOTE Confidence: 0.855587020666667

00:29:36.210 --> 00:29:38.506 Questions like how often and what's the

NOTE Confidence: 0.855587020666667

00:29:38.506 --> 00:29:40.681 utility of your in toxicology screens

NOTE Confidence: 0.855587020666667

00:29:40.681 --> 00:29:42.943 comes up in general addiction care,

NOTE Confidence: 0.855587020666667

00:29:42.950 --> 00:29:44.360 but these questions are further

NOTE Confidence: 0.855587020666667

00:29:44.360 --> 00:29:46.099 magnified and come up even more

NOTE Confidence: 0.855587020666667

00:29:46.099 --> 00:29:47.725 often when it comes to telehealth.

NOTE Confidence: 0.855587020666667

00:29:47.730 --> 00:29:48.850 And at the same time,

NOTE Confidence: 0.855587020666667

00:29:48.850 --> 00:29:50.270 as the pandemic has evolved,

NOTE Confidence: 0.855587020666667

00:29:50.270 --> 00:29:52.004 our clinics are evolving again and

NOTE Confidence: 0.855587020666667

00:29:52.004 --> 00:29:53.696 there's a feeling that the goal

NOTE Confidence: 0.855587020666667

00:29:53.696 --> 00:29:55.397 with a lot of things about the

NOTE Confidence: 0.855587020666667

00:29:55.397 --> 00:29:56.810 pandemic is to return to quote.

NOTE Confidence: 0.855587020666667

00:29:56.810 --> 00:29:58.742 Normal defined as what

NOTE Confidence: 0.855587020666667

00:29:58.742 --> 00:30:00.674 things were like before.

NOTE Confidence: 0.855587020666667

00:30:00.680 --> 00:30:02.558 However, some of us are asking,

NOTE Confidence: 0.855587020666667

00:30:02.560 --> 00:30:03.403 you know what,

NOTE Confidence: 0.855587020666667

00:30:03.403 --> 00:30:04.808 what does that actually mean

NOTE Confidence: 0.855587020666667

00:30:04.808 --> 00:30:06.379 and may that actually disrupt

NOTE Confidence: 0.855587020666667

00:30:06.379 --> 00:30:08.287 care for some of our patients.

NOTE Confidence: 0.855587020666667

00:30:08.290 --> 00:30:11.152 And the hard part though is as things change,

NOTE Confidence: 0.855587020666667

00:30:11.160 --> 00:30:13.880 it's hard to really have the data to

62

NOTE Confidence: 0.855587020666667

00:30:13.880 --> 00:30:15.866 understand what should be happening

NOTE Confidence: 0.855587020666667

00:30:15.866 --> 00:30:17.926 because we're not using data

NOTE Confidence: 0.855587020666667

00:30:17.926 --> 00:30:20.129 necessarily to inform that process.

NOTE Confidence: 0.855587020666667

00:30:20.130 --> 00:30:22.180 And lastly,

NOTE Confidence: 0.855587020666667

00:30:22.180 --> 00:30:22.732 you know,

NOTE Confidence: 0.855587020666667

00:30:22.732 --> 00:30:24.388 I think what I've emphasized are

NOTE Confidence: 0.855587020666667

00:30:24.388 --> 00:30:25.853 going to be persistent challenges

NOTE Confidence: 0.855587020666667

00:30:25.853 --> 00:30:28.314 for a lot of our patients is that

NOTE Confidence: 0.855587020666667

00:30:28.314 --> 00:30:29.898 the logistical barriers around

NOTE Confidence: 0.855587020666667

00:30:29.898 --> 00:30:31.482 technology will still persist.

NOTE Confidence: 0.855587020666667

00:30:31.490 --> 00:30:33.380 One thing that I didn't mention before

NOTE Confidence: 0.855587020666667

00:30:33.380 --> 00:30:35.547 is that in the VA we actually can

NOTE Confidence: 0.855587020666667

00:30:35.547 --> 00:30:37.173 give free tablets to our veterans

NOTE Confidence: 0.855587020666667

00:30:37.173 --> 00:30:39.333 who need it in order to help them

NOTE Confidence: 0.855587020666667

00:30:39.333 --> 00:30:40.606 access a video delivered care.

NOTE Confidence: 0.855587020666667

00:30:40.606 --> 00:30:42.457 This is what I believe is probably

NOTE Confidence: 0.855587020666667

00:30:42.457 --> 00:30:44.287 one of the only healthcare systems

NOTE Confidence: 0.855587020666667

00:30:44.287 --> 00:30:45.710 that we're doing this for.

NOTE Confidence: 0.855587020666667

00:30:45.710 --> 00:30:47.515 We also have great technical

NOTE Confidence: 0.855587020666667

00:30:47.515 --> 00:30:49.320 assistance for patients to help

NOTE Confidence: 0.855587020666667

00:30:49.383 --> 00:30:51.248 them understand how to connect.

NOTE Confidence: 0.855587020666667

00:30:51.250 --> 00:30:53.189 Yet despite all of these support services,

NOTE Confidence: 0.855587020666667

00:30:53.190 --> 00:30:55.020 obviously we still see challenges

NOTE Confidence: 0.855587020666667

00:30:55.020 --> 00:30:56.850 for patients and also disparities

NOTE Confidence: 0.855587020666667

00:30:56.908 --> 00:30:58.642 in which patients are able to

NOTE Confidence: 0.855587020666667

00:30:58.642 --> 00:31:00.733 use video services with a lot of

NOTE Confidence: 0.855587020666667

00:31:00.733 --> 00:31:01.606 our addiction patients.

NOTE Confidence: 0.855587020666667

00:31:01.610 --> 00:31:03.605 Only able to access phone based care.

NOTE Confidence: 0.900633471428572

00:31:05.690 --> 00:31:08.210 And so at the same time as having all

NOTE Confidence: 0.900633471428572

00:31:08.210 --> 00:31:11.008 of these clinically related questions,

NOTE Confidence: 0.900633471428572

00:31:11.010 --> 00:31:13.068 I think this is a really interesting

NOTE Confidence: 0.900633471428572

00:31:13.068 --> 00:31:14.979 challenge that we have pretty much

NOTE Confidence: 0.900633471428572

00:31:14.979 --> 00:31:16.589 the same policy related questions

NOTE Confidence: 0.900633471428572

00:31:16.589 --> 00:31:18.422 that are being asked simultaneously

NOTE Confidence: 0.900633471428572

00:31:18.422 --> 00:31:21.614 and that are also very challenging.

NOTE Confidence: 0.900633471428572

00:31:21.620 --> 00:31:23.132 And I just want to summarize some

NOTE Confidence: 0.900633471428572

00:31:23.132 --> 00:31:24.556 of the debates that are happening

NOTE Confidence: 0.900633471428572

00:31:24.556 --> 00:31:26.257 at the federal and the state level.

NOTE Confidence: 0.900633471428572

00:31:26.260 --> 00:31:28.213 So a lot of us know that the public

NOTE Confidence: 0.900633471428572

00:31:28.213 --> 00:31:29.649 health emergency exemption of the

NOTE Confidence: 0.900633471428572

00:31:29.649 --> 00:31:31.836 Ryan Hate Act that allowed us to

NOTE Confidence: 0.900633471428572

00:31:31.836 --> 00:31:33.400 treat patients with controlled

NOTE Confidence: 0.900633471428572

00:31:33.400 --> 00:31:34.964 medications over video telehealth.

NOTE Confidence: 0.900633471428572

00:31:34.970 --> 00:31:36.525 Without an initial in person

NOTE Confidence: 0.900633471428572

00:31:36.525 --> 00:31:38.080 visit that will likely expire.

NOTE Confidence: 0.900633471428572

00:31:38.080 --> 00:31:38.687 Obviously,

NOTE Confidence: 0.900633471428572

00:31:38.687 --> 00:31:42.936 as the PHE for the pandemic expires,

NOTE Confidence: 0.900633471428572

00:31:42.940 --> 00:31:45.196 there are other pH that we can use,

NOTE Confidence: 0.900633471428572

00:31:45.200 --> 00:31:47.580 for example the overdose pH.

NOTE Confidence: 0.900633471428572

00:31:47.580 --> 00:31:47.896 However,

NOTE Confidence: 0.900633471428572

00:31:47.896 --> 00:31:49.476 that's not a permanent solution

NOTE Confidence: 0.900633471428572

00:31:49.476 --> 00:31:51.584 and there needs to be a more

NOTE Confidence: 0.900633471428572

00:31:51.584 --> 00:31:52.894 permanent decision on whether or

NOTE Confidence: 0.900633471428572

00:31:52.894 --> 00:31:55.166 not an initial in person visit is

NOTE Confidence: 0.900633471428572

00:31:55.166 --> 00:31:56.851 required for telehealth for patients

NOTE Confidence: 0.900633471428572

00:31:56.860 --> 00:31:58.102 receiving control medications.

NOTE Confidence: 0.900633471428572

00:31:58.102 --> 00:32:00.586 And even before COVID to help

NOTE Confidence: 0.900633471428572

00:32:00.586 --> 00:32:02.218 support telehealth for OUD,

NOTE Confidence: 0.900633471428572

00:32:02.220 --> 00:32:05.532 the support act of 2018 had required the DEA.

NOTE Confidence: 0.900633471428572

00:32:05.540 --> 00:32:07.526 To define rules for a special

NOTE Confidence: 0.900633471428572

00:32:07.526 --> 00:32:09.170 registration process for telehealth for

NOTE Confidence: 0.900633471428572

00:32:09.170 --> 00:32:11.053 addiction care and to define what will

NOTE Confidence: 0.900633471428572

00:32:11.053 --> 00:32:13.229 be allowed for those clinics who did that.

NOTE Confidence: 0.900633471428572

00:32:13.230 --> 00:32:15.774 But the deadline has now passed

NOTE Confidence: 0.900633471428572

00:32:15.774 --> 00:32:18.056 without further steps and I think

NOTE Confidence: 0.900633471428572

00:32:18.056 --> 00:32:20.530 a lot of it has to do with this.

NOTE Confidence: 0.900633471428572

00:32:20.530 --> 00:32:22.725 These challenges and this uncertainty

NOTE Confidence: 0.900633471428572

00:32:22.725 --> 00:32:24.920 about what constitutes good quality

NOTE Confidence: 0.900633471428572

00:32:24.985 --> 00:32:27.441 care and the pros and cons of using

NOTE Confidence: 0.900633471428572

00:32:27.441 --> 00:32:29.200 telehealth that remain unanswered.

NOTE Confidence: 0.900633471428572

00:32:29.200 --> 00:32:30.380 There are other federal

NOTE Confidence: 0.900633471428572

00:32:30.380 --> 00:32:31.855 pathways outside of the DA.

NOTE Confidence: 0.900633471428572

00:32:31.860 --> 00:32:32.766 For example,

NOTE Confidence: 0.900633471428572

00:32:32.766 --> 00:32:34.578 Samsung last month updated

NOTE Confidence: 0.900633471428572

00:32:34.578 --> 00:32:36.208 federal rules for OTP's,

NOTE Confidence: 0.900633471428572

00:32:36.208 --> 00:32:37.280 or opioid treatment programs,

NOTE Confidence: 0.900633471428572

00:32:37.280 --> 00:32:39.060 also known as methadone Clinics,

NOTE Confidence: 0.900633471428572

00:32:39.060 --> 00:32:40.660 which has allowed methadone

NOTE Confidence: 0.900633471428572

00:32:40.660 --> 00:32:42.660 clinics to continue to start

NOTE Confidence: 0.900633471428572

00:32:42.660 --> 00:32:44.260 buprenorphine care via telehealth.

NOTE Confidence: 0.900633471428572

00:32:44.260 --> 00:32:45.970 But I think most of us think that the

NOTE Confidence: 0.900633471428572

00:32:45.970 --> 00:32:47.488 impacts of those policy changes are

NOTE Confidence: 0.900633471428572

00:32:47.488 --> 00:32:49.054 limited because the vast majority of

NOTE Confidence: 0.900633471428572

00:32:49.054 --> 00:32:50.678 you've been working here in this country.

NOTE Confidence: 0.900633471428572

00:32:50.680 --> 00:32:52.004 Prescribed outside of Otps,

NOTE Confidence: 0.900633471428572

00:32:52.004 --> 00:32:52.666 for example,

NOTE Confidence: 0.900633471428572

00:32:52.670 --> 00:32:56.326 by those of us in office space settings.

NOTE Confidence: 0.900633471428572

00:32:56.330 --> 00:32:59.074 And just as important to these federal

NOTE Confidence: 0.900633471428572

00:32:59.074 --> 00:33:01.347 level questions about what's allowed

NOTE Confidence: 0.900633471428572

00:33:01.347 --> 00:33:03.395 is also reimbursement questions.

NOTE Confidence: 0.900633471428572

00:33:03.400 --> 00:33:05.768 So CMS has said that they're going to

NOTE Confidence: 0.900633471428572

00:33:05.768 --> 00:33:07.357 extend telehealth reimbursement of phone

NOTE Confidence: 0.900633471428572

00:33:07.357 --> 00:33:09.877 and video visits through the end of 2023,

NOTE Confidence: 0.900633471428572

00:33:09.877 --> 00:33:11.512 but that obviously leaves a

NOTE Confidence: 0.900633471428572

00:33:11.512 --> 00:33:13.171 lot of uncertainty about what

NOTE Confidence: 0.900633471428572

00:33:13.171 --> 00:33:14.626 will happen in the future.

NOTE Confidence: 0.900633471428572

00:33:14.630 --> 00:33:15.338 And lastly,

NOTE Confidence: 0.900633471428572

00:33:15.338 --> 00:33:17.462 there's so much confusion around the

NOTE Confidence: 0.900633471428572

00:33:17.462 --> 00:33:19.348 differences in changing state laws.

NOTE Confidence: 0.900633471428572

00:33:19.350 --> 00:33:21.108 So bordering states like Ohio and

NOTE Confidence: 0.900633471428572

00:33:21.108 --> 00:33:22.566 Michigan can have different policies

NOTE Confidence: 0.900633471428572

00:33:22.566 --> 00:33:24.681 completely and as part of a group at the

NOTE Confidence: 0.900633471428572

00:33:24.735 --> 00:33:26.610 American Society of Addiction Medicine.

NOTE Confidence: 0.900633471428572

00:33:26.610 --> 00:33:28.470 We recently released a public

NOTE Confidence: 0.900633471428572

00:33:28.470 --> 00:33:29.958 policy statement summarizing some

NOTE Confidence: 0.900633471428572

00:33:29.958 --> 00:33:31.908 of these key policy questions,

NOTE Confidence: 0.900633471428572

00:33:31.910 --> 00:33:34.220 and also provided some overall

NOTE Confidence: 0.900633471428572

00:33:34.220 --> 00:33:36.068 recommendations for addiction care.

NOTE Confidence: 0.900633471428572

00:33:36.070 --> 00:33:37.786 But again, to emphasize in part,

NOTE Confidence: 0.900633471428572

00:33:37.790 --> 00:33:39.574 we do need more data to guide what

NOTE Confidence: 0.900633471428572

00:33:39.574 --> 00:33:40.899 good policy should look like.

NOTE Confidence: 0.900633471428572

00:33:40.900 --> 00:33:42.000 But in some ways,

NOTE Confidence: 0.900633471428572

00:33:42.000 --> 00:33:43.375 these things are being debated

NOTE Confidence: 0.900633471428572

00:33:43.375 --> 00:33:45.008 so actively and so quickly,

NOTE Confidence: 0.900633471428572

00:33:45.010 --> 00:33:46.750 it's challenging to provide that data.

NOTE Confidence: 0.834975552666667

00:33:48.860 --> 00:33:50.515 OK, so I've discussed the

NOTE Confidence: 0.834975552666667

00:33:50.515 --> 00:33:52.170 background in prior literature and

NOTE Confidence: 0.834975552666667

00:33:52.231 --> 00:33:53.996 what telehealth has looked like.

NOTE Confidence: 0.834975552666667

00:33:54.000 --> 00:33:56.407 Now I want to focus a little bit on what I

NOTE Confidence: 0.834975552666667

00:33:56.407 --> 00:33:58.360 hope telehealth looks like in the future.

NOTE Confidence: 0.834975552666667

00:33:58.360 --> 00:34:00.117 One of the things that I've emphasized

NOTE Confidence: 0.834975552666667

00:34:00.117 --> 00:34:02.183 is a real question for the field of

NOTE Confidence: 0.834975552666667

00:34:02.183 --> 00:34:04.039 addiction is how do we increase care

NOTE Confidence: 0.834975552666667

00:34:04.039 --> 00:34:05.943 at the same time as sustaining or

00:34:05.943 --> 00:34:07.810 even improving the quality of care

00:34:07.810 --> 00:34:10.173 when it helps to and that should

00:34:10.173 --> 00:34:12.273 also help patients stay in care.

00:34:12.280 --> 00:34:13.624 And the one of the biggest

00:34:13.624 --> 00:34:14.520 worries that comes up,

00:34:14.520 --> 00:34:16.496 especially from regulators like

00:34:16.496 --> 00:34:19.546 the FDA is telehealth as another

00:34:19.546 --> 00:34:22.156 innovative model could increase access,

00:34:22.160 --> 00:34:23.640 but does it potentially

00:34:23.640 --> 00:34:25.490 result in lower quality care?

00:34:25.490 --> 00:34:27.010 I think this is a key question for

00:34:27.010 --> 00:34:28.547 all of us to be thinking about.

00:34:28.550 --> 00:34:30.318 But I want to remind us that it's

00:34:30.318 --> 00:34:31.816 important to think about access

00:34:31.816 --> 00:34:33.496 and quality as two separate

00:34:33.496 --> 00:34:34.168 independent dimensions.

NOTE Confidence: 0.834975552666667

00:34:34.170 --> 00:34:35.762 Because I would like to say that we

NOTE Confidence: 0.834975552666667

00:34:35.762 --> 00:34:37.428 could have good quality in person care.

NOTE Confidence: 0.834975552666667

00:34:37.430 --> 00:34:39.966 We could have poor quality in personal care,

NOTE Confidence: 0.834975552666667

00:34:39.970 --> 00:34:42.945 including pill mills that existed

NOTE Confidence: 0.834975552666667

00:34:42.945 --> 00:34:44.730 well before COVID.

NOTE Confidence: 0.834975552666667

00:34:44.730 --> 00:34:45.891 And in parallel,

NOTE Confidence: 0.834975552666667

00:34:45.891 --> 00:34:47.826 as the overdose epidemic evolves,

NOTE Confidence: 0.834975552666667

00:34:47.830 --> 00:34:49.482 the way we deliver care for opioid

NOTE Confidence: 0.834975552666667

00:34:49.482 --> 00:34:50.863 use disorder and other substance

NOTE Confidence: 0.834975552666667

00:34:50.863 --> 00:34:52.418 use disorders is also evolving.

NOTE Confidence: 0.834975552666667

00:34:52.420 --> 00:34:54.058 And the challenges that we need to

NOTE Confidence: 0.834975552666667

00:34:54.058 --> 00:34:56.461 find a way to care for very large

NOTE Confidence: 0.834975552666667

00:34:56.461 --> 00:34:58.101 complicated population who are primarily

NOTE Confidence: 0.834975552666667

00:34:58.161 --> 00:35:00.507 using fentanyl and using multiple substances.

NOTE Confidence: 0.834975552666667

00:35:00.510 --> 00:35:02.701 And this means we can't just discontinue

NOTE Confidence: 0.834975552666667

00:35:02.701 --> 00:35:04.029 medication treatment just because

NOTE Confidence: 0.834975552666667

00:35:04.029 --> 00:35:05.729 someone is using another substance.

NOTE Confidence: 0.834975552666667

00:35:05.730 --> 00:35:07.593 And it also means that we have to evolve

NOTE Confidence: 0.834975552666667

00:35:07.593 --> 00:35:09.445 the way we deliver all addiction care,

NOTE Confidence: 0.834975552666667

00:35:09.450 --> 00:35:12.168 including both in person and telehealth.

NOTE Confidence: 0.834975552666667

00:35:12.170 --> 00:35:13.664 For me, I think about telehealth

NOTE Confidence: 0.834975552666667

00:35:13.664 --> 00:35:15.610 as part of a fairly flexible.

NOTE Confidence: 0.834975552666667

00:35:15.610 --> 00:35:17.270 Model of care delivery

NOTE Confidence: 0.834975552666667

00:35:17.270 --> 00:35:18.515 using multiple modalities.

NOTE Confidence: 0.834975552666667

00:35:18.520 --> 00:35:19.062 For example,

NOTE Confidence: 0.834975552666667

00:35:19.062 --> 00:35:20.417 for our current population of

NOTE Confidence: 0.834975552666667

00:35:20.417 --> 00:35:21.866 patients who are primarily using

NOTE Confidence: 0.834975552666667

00:35:21.866 --> 00:35:23.606 fentanyl as the induction or the

NOTE Confidence: 0.834975552666667

00:35:23.606 --> 00:35:24.893 starting phase of medication

NOTE Confidence: 0.834975552666667

00:35:24.893 --> 00:35:26.538 treatment can be more unpredictable.

NOTE Confidence: 0.834975552666667

00:35:26.540 --> 00:35:28.440 So although we have newer

00:35:28.440 --> 00:35:30.340 induction models for our patients,

00:35:30.340 --> 00:35:32.244 there's a real utility I think in a

00:35:32.244 --> 00:35:33.787 more flexible treatment model where I

00:35:33.787 --> 00:35:35.976 can have you know our clinic staff or

00:35:35.976 --> 00:35:37.836 myself give patients multiple phone calls,

00:35:37.840 --> 00:35:39.920 especially during times of instability,

00:35:39.920 --> 00:35:41.824 but then bring them back in person only

00:35:41.824 --> 00:35:43.897 when we feel like they're needed and

00:35:43.897 --> 00:35:46.000 using toxicology screens as part of a tool,

00:35:46.000 --> 00:35:46.912 but not as.

00:35:46.912 --> 00:35:49.527 The only tool we rely on when we

00:35:49.527 --> 00:35:51.945 think about how patients are doing.

00:35:51.950 --> 00:35:53.434 So as I've shown,

00:35:53.434 --> 00:35:56.330 we're starting to have data from studies,

00:35:56.330 --> 00:35:57.830 but I as I've also shown,

NOTE Confidence: 0.834975552666667

00:35:57.830 --> 00:36:00.046 we need answers to some of these questions,

NOTE Confidence: 0.834975552666667

00:36:00.050 --> 00:36:01.223 pragmatic clinical questions

NOTE Confidence: 0.834975552666667

00:36:01.223 --> 00:36:02.787 at the same time.

NOTE Confidence: 0.834975552666667

00:36:02.790 --> 00:36:05.365 And recently myself and a

NOTE Confidence: 0.834975552666667

00:36:05.365 --> 00:36:07.425 colleague in addiction medicine,

NOTE Confidence: 0.834975552666667

00:36:07.430 --> 00:36:08.414 physician from family

NOTE Confidence: 0.834975552666667

00:36:08.414 --> 00:36:09.726 medicine Doctor Chris Frank,

NOTE Confidence: 0.834975552666667

00:36:09.730 --> 00:36:12.064 we developed with support from the

NOTE Confidence: 0.834975552666667

00:36:12.064 --> 00:36:13.620 provider clinical support System,

NOTE Confidence: 0.834975552666667

00:36:13.620 --> 00:36:15.810 a toolkit geared towards helping

NOTE Confidence: 0.834975552666667

00:36:15.810 --> 00:36:17.124 clinicians and policymakers

NOTE Confidence: 0.834975552666667

00:36:17.124 --> 00:36:19.350 think about some of these issues.

NOTE Confidence: 0.834975552666667

00:36:19.350 --> 00:36:20.790 This is really one example.

NOTE Confidence: 0.834975552666667

00:36:20.790 --> 00:36:22.011 It's publicly available.

NOTE Confidence: 0.834975552666667

00:36:22.011 --> 00:36:24.453 But what I'm hoping to highlight

NOTE Confidence: 0.834975552666667

75

00:36:24.453 --> 00:36:27.040 is that for our field of academic,

NOTE Confidence: 0.834975552666667

00:36:27.040 --> 00:36:28.094 you know,

NOTE Confidence: 0.834975552666667

00:36:28.094 --> 00:36:30.729 addiction psychiatrists and faculty members.

NOTE Confidence: 0.834975552666667

00:36:30.730 --> 00:36:32.165 This is an area where all this

NOTE Confidence: 0.834975552666667

00:36:32.165 --> 00:36:32.780 at the same

NOTE Confidence: 0.833530541428572

00:36:32.834 --> 00:36:33.958 time is gathering data.

NOTE Confidence: 0.833530541428572

00:36:33.960 --> 00:36:36.515 We also have to be thinking about

NOTE Confidence: 0.833530541428572

00:36:36.515 --> 00:36:38.356 helping our clinicians to deliver

NOTE Confidence: 0.833530541428572

00:36:38.356 --> 00:36:40.736 the best quality care that they can.

NOTE Confidence: 0.833530541428572

00:36:40.740 --> 00:36:42.020 So I know I'm running out of time,

NOTE Confidence: 0.833530541428572

00:36:42.020 --> 00:36:43.388 so I'm going to go through

NOTE Confidence: 0.833530541428572

00:36:43.388 --> 00:36:44.559 these a little bit faster.

NOTE Confidence: 0.833530541428572

00:36:44.559 --> 00:36:46.631 So I think I've also alluded to the

NOTE Confidence: 0.833530541428572

00:36:46.631 --> 00:36:48.568 fact that the future of telehealth,

NOTE Confidence: 0.833530541428572

00:36:48.570 --> 00:36:50.544 I hope is not telehealth as

NOTE Confidence: 0.833530541428572

00:36:50.544 --> 00:36:52.340 it looks like during COVID.

00:36:52.340 --> 00:36:54.852 You know, zoom visits with our patients I

00:36:54.852 --> 00:36:57.397 think are not rocket science whatsoever.

00:36:57.400 --> 00:36:58.508 But we in particular,

00:36:58.508 --> 00:37:00.596 I think we can't expect this form

00:37:00.596 --> 00:37:02.426 of telehealth to actually increase

00:37:02.426 --> 00:37:04.631 treatment and we're having data that's

00:37:04.631 --> 00:37:06.248 starting to suggest that, right.

00:37:06.248 --> 00:37:07.984 So the VA care that I mentioned

00:37:07.984 --> 00:37:09.313 although overall number of patients

00:37:09.313 --> 00:37:10.879 increased that was mostly due to.

00:37:10.880 --> 00:37:12.665 Patients staying on treatment longer

00:37:12.665 --> 00:37:14.939 and not more patients engaging in care.

00:37:14.940 --> 00:37:16.990 I think what we need to do in order to

00:37:17.044 --> 00:37:19.036 actually get more patients into care.

00:37:19.040 --> 00:37:20.534 So to actually help and address

00:37:20.534 --> 00:37:22.220 the needs of the 90% of patients

NOTE Confidence: 0.833530541428572

00:37:22.220 --> 00:37:23.420 who are non treatment seeking,

NOTE Confidence: 0.833530541428572

00:37:23.420 --> 00:37:25.172 not actually seeing addiction

NOTE Confidence: 0.833530541428572

00:37:25.172 --> 00:37:27.800 physicians or clinicians like some of

NOTE Confidence: 0.833530541428572

00:37:27.870 --> 00:37:30.278 us here is we actually need to think

NOTE Confidence: 0.833530541428572

00:37:30.278 --> 00:37:32.490 about the changing the model that we

NOTE Confidence: 0.833530541428572

00:37:32.490 --> 00:37:34.100 actually deliver and reach patients.

NOTE Confidence: 0.833530541428572

00:37:34.100 --> 00:37:36.156 And so I want to highlight some of

NOTE Confidence: 0.833530541428572

00:37:36.156 --> 00:37:37.879 our team's recent work in this.

NOTE Confidence: 0.833530541428572

00:37:37.880 --> 00:37:40.560 The first example is a new model of

NOTE Confidence: 0.833530541428572

00:37:40.560 --> 00:37:42.880 care that we have piloted called the

NOTE Confidence: 0.833530541428572

00:37:42.880 --> 00:37:44.858 INREACH model we've designed this to be.

NOTE Confidence: 0.833530541428572

00:37:44.860 --> 00:37:47.204 Implemented in healthcare systems

NOTE Confidence: 0.833530541428572

00:37:47.204 --> 00:37:49.548 to proactively identify outreach,

NOTE Confidence: 0.833530541428572

00:37:49.550 --> 00:37:51.500 help increase motivation for patients

NOTE Confidence: 0.833530541428572

00:37:51.500 --> 00:37:53.821 seen in primary care settings and

NOTE Confidence: 0.833530541428572

00:37:53.821 --> 00:37:55.669 then we actually offer them care,

NOTE Confidence: 0.833530541428572

00:37:55.670 --> 00:37:57.374 more accessible care delivered

NOTE Confidence: 0.833530541428572

00:37:57.374 --> 00:37:58.226 via telehealth.

NOTE Confidence: 0.833530541428572

00:37:58.230 --> 00:37:59.856 So it's not just screening and

NOTE Confidence: 0.833530541428572

00:37:59.856 --> 00:38:01.490 intervening to increase their motivation,

NOTE Confidence: 0.833530541428572

00:38:01.490 --> 00:38:04.549 it's actually giving them care at the

NOTE Confidence: 0.833530541428572

00:38:04.549 --> 00:38:08.007 same time and care that's flexible and

NOTE Confidence: 0.833530541428572

00:38:08.010 --> 00:38:09.935 accessible and also patient oriented

NOTE Confidence: 0.833530541428572

00:38:09.935 --> 00:38:12.672 when it comes to treatment goals and

NOTE Confidence: 0.833530541428572

00:38:12.672 --> 00:38:14.916 we're currently studying this model in.

NOTE Confidence: 0.833530541428572

00:38:14.920 --> 00:38:17.584 A are A1 funded by NIH AAA and this

NOTE Confidence: 0.833530541428572

00:38:17.584 --> 00:38:20.758 is a study that I lead with a close

NOTE Confidence: 0.833530541428572

00:38:20.758 --> 00:38:23.634 colleague of mine, Doctor Aaron Bonner,

NOTE Confidence: 0.833530541428572

00:38:23.634 --> 00:38:25.338 a clinical psychologist.

NOTE Confidence: 0.833530541428572

00:38:25.340 --> 00:38:27.536 And a separate funded trial by an I AAA,

NOTE Confidence: 0.833530541428572

79

00:38:27.540 --> 00:38:29.574 we're taking it one step further

NOTE Confidence: 0.833530541428572

00:38:29.574 --> 00:38:30.930 and testing different virtually

NOTE Confidence: 0.833530541428572

00:38:30.991 --> 00:38:32.871 delivered interventions in this case

NOTE Confidence: 0.833530541428572

00:38:32.871 --> 00:38:34.751 including a patient health portal.

NOTE Confidence: 0.833530541428572

00:38:34.760 --> 00:38:36.880 So all of us have used patient health

NOTE Confidence: 0.833530541428572

00:38:36.880 --> 00:38:38.924 portals to communicate with our PCP's

NOTE Confidence: 0.833530541428572

00:38:38.924 --> 00:38:40.988 and we're really using the patient

NOTE Confidence: 0.833530541428572

00:38:40.988 --> 00:38:42.930 health portal in a broader way.

NOTE Confidence: 0.833530541428572

00:38:42.930 --> 00:38:44.640 We're actually delivering an intervention,

NOTE Confidence: 0.833530541428572

00:38:44.640 --> 00:38:46.195 so a counseling intervention to

NOTE Confidence: 0.833530541428572

00:38:46.195 --> 00:38:48.146 try to engage patients using the

NOTE Confidence: 0.833530541428572

00:38:48.146 --> 00:38:49.157 patient health portal,

NOTE Confidence: 0.833530541428572

00:38:49.160 --> 00:38:51.736 which we know the vast majority of our

NOTE Confidence: 0.833530541428572

00:38:51.736 --> 00:38:53.968 patients in our health care systems use

NOTE Confidence: 0.833530541428572

00:38:53.968 --> 00:38:56.650 and in a trial with the smart design.

NOTE Confidence: 0.833530541428572

00:38:56.650 --> 00:38:58.450 We're really testing different combinations

NOTE Confidence: 0.833530541428572

00:38:58.450 --> 00:39:00.250 of engagement and treatment strategies,

NOTE Confidence: 0.833530541428572

00:39:00.250 --> 00:39:02.476 stepping up care only for patients who

NOTE Confidence: 0.833530541428572

00:39:02.476 --> 00:39:04.957 are needed as an example of like another

NOTE Confidence: 0.833530541428572

00:39:04.957 --> 00:39:07.568 kind of a future more innovative model

NOTE Confidence: 0.833530541428572

00:39:07.568 --> 00:39:09.728 that really incorporates telehealth,

NOTE Confidence: 0.833530541428572

00:39:09.730 --> 00:39:11.290 but not really telehealth

NOTE Confidence: 0.833530541428572

00:39:11.290 --> 00:39:13.630 as we've seen it so far.

NOTE Confidence: 0.833530541428572

00:39:13.630 --> 00:39:14.142 And lastly,

NOTE Confidence: 0.833530541428572

00:39:14.142 --> 00:39:15.422 I'll highlight our most one

NOTE Confidence: 0.833530541428572

00:39:15.422 --> 00:39:16.940 of our most recent studies and

NOTE Confidence: 0.833530541428572

00:39:16.940 --> 00:39:18.557 this is the study that I Co

NOTE Confidence: 0.837168115833334

00:39:18.612 --> 00:39:20.834 lead with Derek doctor, Laura Coughlin,

NOTE Confidence: 0.837168115833334

00:39:20.834 --> 00:39:24.026 another clinical psychologist called My Best.

NOTE Confidence: 0.837168115833334

00:39:24.030 --> 00:39:25.010 And in this study,

NOTE Confidence: 0.837168115833334

00:39:25.010 --> 00:39:26.796 we're really focused on that group of

NOTE Confidence: 0.837168115833334

00:39:26.796 --> 00:39:28.658 patients who are our most complex patients,

NOTE Confidence: 0.837168115833334

00:39:28.660 --> 00:39:31.270 so patients using Poly substances,

NOTE Confidence: 0.837168115833334

00:39:31.270 --> 00:39:33.790 including primarily opioids and stimulants.

NOTE Confidence: 0.837168115833334

00:39:33.790 --> 00:39:34.970 And really in this study,

NOTE Confidence: 0.837168115833334

00:39:34.970 --> 00:39:35.934 we're using novel methods.

NOTE Confidence: 0.837168115833334

00:39:35.934 --> 00:39:37.710 So this is not a clinical trial,

NOTE Confidence: 0.837168115833334

00:39:37.710 --> 00:39:39.710 it's a prospective cohort study.

NOTE Confidence: 0.837168115833334

00:39:39.710 --> 00:39:41.298 We're trying to understand

NOTE Confidence: 0.837168115833334

00:39:41.298 --> 00:39:42.489 their novel drivers,

NOTE Confidence: 0.837168115833334

00:39:42.490 --> 00:39:45.268 motivators for why they use substances,

NOTE Confidence: 0.837168115833334

00:39:45.270 --> 00:39:46.170 especially risky combinations,

NOTE Confidence: 0.837168115833334

00:39:46.170 --> 00:39:47.970 but also why they seek care

NOTE Confidence: 0.837168115833334

00:39:47.970 --> 00:39:49.507 in different forms of care.

NOTE Confidence: 0.837168115833334

00:39:49.510 --> 00:39:52.506 And the goal of this is to

NOTE Confidence: 0.837168115833334

00:39:52.506 --> 00:39:54.819 understand how where can we engage.

NOTE Confidence: 0.837168115833334

00:39:54.819 --> 00:39:56.534 Patients who are traditionally not

00:39:56.534 --> 00:39:58.880 engaged in care and using novel

00:39:58.880 --> 00:40:00.080 behavioral economic constructs

00:40:00.080 --> 00:40:01.947 to understand kind of when

00:40:01.947 --> 00:40:03.457 patients might be more ready,

00:40:03.460 --> 00:40:04.032 less ready,

00:40:04.032 --> 00:40:05.748 what are the drivers of their

00:40:05.748 --> 00:40:07.208 substance use versus their motivation

00:40:07.208 --> 00:40:09.140 to engage in care in order to

00:40:09.195 --> 00:40:10.611 inform future interventions that

00:40:10.611 --> 00:40:12.735 can be really tailored and targeted

00:40:12.740 --> 00:40:14.306 to where patients might be most

00:40:14.306 --> 00:40:15.930 ready to engage in treatment?

00:40:18.550 --> 00:40:20.806 So I think I've talked a lot about

00:40:20.806 --> 00:40:22.670 the various forms of telehealth,

00:40:22.670 --> 00:40:24.370 what telehealth looked like before,

00:40:24.370 --> 00:40:25.870 what telehealth looks like currently,

NOTE Confidence: 0.907726647692308

00:40:25.870 --> 00:40:28.066 and really highlighting all the current

NOTE Confidence: 0.907726647692308

00:40:28.066 --> 00:40:30.549 challenges that need a lot of our

NOTE Confidence: 0.907726647692308

00:40:30.549 --> 00:40:32.782 expertise in order to inform what hopefully

NOTE Confidence: 0.907726647692308

00:40:32.841 --> 00:40:34.850 care will look like in the future.

NOTE Confidence: 0.907726647692308

00:40:34.850 --> 00:40:36.910 I think without this work,

NOTE Confidence: 0.907726647692308

00:40:36.910 --> 00:40:38.980 what I am afraid of is that care will

NOTE Confidence: 0.907726647692308

00:40:38.980 --> 00:40:40.905 actually just go back to what it was

NOTE Confidence: 0.907726647692308

00:40:40.905 --> 00:40:42.545 like before without taking advantage of

NOTE Confidence: 0.907726647692308

00:40:42.545 --> 00:40:44.610 some of the lessons that we've learned.

NOTE Confidence: 0.907726647692308

00:40:44.610 --> 00:40:47.440 Ultimately though, I think that.

NOTE Confidence: 0.907726647692308

00:40:47.440 --> 00:40:48.520 What I like to emphasize,

NOTE Confidence: 0.907726647692308

00:40:48.520 --> 00:40:50.193 it's not really just about telehealth or

NOTE Confidence: 0.907726647692308

00:40:50.193 --> 00:40:51.990 it's not really about telehealth at all,

NOTE Confidence: 0.907726647692308

00:40:51.990 --> 00:40:54.398 but really about how do we use telehealth

NOTE Confidence: 0.907726647692308

00:40:54.398 --> 00:40:56.757 as a tool or really any tools in

NOTE Confidence: 0.907726647692308

00:40:56.757 --> 00:40:59.484 order to try to reach and engage more

NOTE Confidence: 0.907726647692308

00:40:59.484 --> 00:41:01.405 patients with substance use disorders,

NOTE Confidence: 0.907726647692308

00:41:01.405 --> 00:41:02.945 untreated substance use disorder,

NOTE Confidence: 0.907726647692308

00:41:02.950 --> 00:41:04.816 most of whom are obviously going

NOTE Confidence: 0.907726647692308

00:41:04.816 --> 00:41:06.630 to be ambivalent about any care,

NOTE Confidence: 0.907726647692308

00:41:06.630 --> 00:41:08.442 creating more accessible treatment

NOTE Confidence: 0.907726647692308

00:41:08.442 --> 00:41:11.666 options so that we can actually reach

NOTE Confidence: 0.907726647692308

00:41:11.666 --> 00:41:14.288 a patient population who are likely

NOTE Confidence: 0.907726647692308

00:41:14.288 --> 00:41:16.062 suffering the burden of untreated

NOTE Confidence: 0.907726647692308

00:41:16.062 --> 00:41:18.060 substance use disorders and the key.

NOTE Confidence: 0.907726647692308

00:41:18.060 --> 00:41:21.138 The unique challenges that they face.

NOTE Confidence: 0.907726647692308

00:41:21.140 --> 00:41:22.400 So I'm going to stop there.

NOTE Confidence: 0.907726647692308

00:41:22.400 --> 00:41:23.954 I appreciate your time and I'm going

NOTE Confidence: 0.907726647692308

00:41:23.954 --> 00:41:25.860 to turn it over actually to as many.

NOTE Confidence: 0.907726647692308

00:41:25.860 --> 00:41:27.869 But I also want to say something

NOTE Confidence: 0.907726647692308

00:41:27.869 --> 00:41:29.520 really brief about Doctor Moore.

NOTE Confidence: 0.907726647692308

00:41:29.520 --> 00:41:31.336 I think Doctor Moore and I met maybe

NOTE Confidence: 0.907726647692308

00:41:31.336 --> 00:41:33.334 five or six years ago at a triple AP.

NOTE Confidence: 0.907726647692308

00:41:33.340 --> 00:41:35.720 And we've had, you know,

NOTE Confidence: 0.907726647692308

00:41:35.720 --> 00:41:37.436 so many conversations at this point,

NOTE Confidence: 0.907726647692308

00:41:37.440 --> 00:41:38.748 like philosophical conversations

NOTE Confidence: 0.907726647692308

00:41:38.748 --> 00:41:40.928 about telehealth that before COVID

NOTE Confidence: 0.907726647692308

00:41:40.928 --> 00:41:42.660 were very philosophical.

NOTE Confidence: 0.907726647692308

00:41:42.660 --> 00:41:43.632 And suddenly, you know,

NOTE Confidence: 0.907726647692308

00:41:43.632 --> 00:41:44.847 after the start of COVID,

NOTE Confidence: 0.907726647692308

00:41:44.850 --> 00:41:46.536 they became not philosophical at all,

NOTE Confidence: 0.907726647692308

00:41:46.540 --> 00:41:47.398 I would say.

NOTE Confidence: 0.907726647692308

00:41:47.398 --> 00:41:49.114 And I would really highlight his

NOTE Confidence: 0.907726647692308

00:41:49.114 --> 00:41:50.898 work as being very innovative.

NOTE Confidence: 0.907726647692308

00:41:50.900 --> 00:41:51.426 Practical,

NOTE Confidence: 0.907726647692308

00:41:51.426 --> 00:41:54.056 clinical thinking in terms of

NOTE Confidence: 0.907726647692308

00:41:54.056 --> 00:41:56.283 how to address policy issues,

NOTE Confidence: 0.907726647692308

00:41:56.283 --> 00:41:59.020 but actually how to overcome them and

NOTE Confidence: 0.907726647692308

00:41:59.087 --> 00:42:01.627 care for really vulnerable populations.

NOTE Confidence: 0.907726647692308

00:42:01.630 --> 00:42:03.610 Starting well before COVID too.

NOTE Confidence: 0.907726647692308

00:42:03.610 --> 00:42:05.840 So I'll turn it over.

NOTE Confidence: 0.907726647692308

00:42:05.840 --> 00:42:06.090 Thank

NOTE Confidence: 0.814443918

00:42:06.100 --> 00:42:07.400 you, Allison. That was great.

NOTE Confidence: 0.814443918

00:42:07.400 --> 00:42:09.645 Umm, David is going to do a brief overview

NOTE Confidence: 0.814443918

00:42:09.650 --> 00:42:11.064 and then we'll have time for questions.

NOTE Confidence: 0.814443918

00:42:11.070 --> 00:42:13.152 And there's actually one already in the

NOTE Confidence: 0.814443918

00:42:13.152 --> 00:42:15.150 chat if you just wanted to take a look

NOTE Confidence: 0.900874352

00:42:15.160 --> 00:42:17.690 at it. So I'm just going to do very brief.

NOTE Confidence: 0.900874352

00:42:17.690 --> 00:42:19.436 For those of you who don't know David Moore,

NOTE Confidence: 0.900874352

00:42:19.440 --> 00:42:21.995 he's one of our own faculty members.

NOTE Confidence: 0.900874352

00:42:22.000 --> 00:42:23.692 He went to undergrad at

NOTE Confidence: 0.900874352

00:42:23.692 --> 00:42:24.876 the University of Virginia,

NOTE Confidence: 0.900874352

00:42:24.880 --> 00:42:27.040 got an MD and PhD from the

NOTE Confidence: 0.900874352

00:42:27.040 --> 00:42:28.120 University of Pennsylvania.

NOTE Confidence: 0.900874352

00:42:28.120 --> 00:42:30.156 Then he came to Yale to do his residency.

NOTE Confidence: 0.900874352

00:42:30.160 --> 00:42:31.964 Those of you probably know him through

NOTE Confidence: 0.900874352

00:42:31.964 --> 00:42:33.020 his different roles.

NOTE Confidence: 0.900874352

00:42:33.020 --> 00:42:34.285 Then he was chief resident

NOTE Confidence: 0.900874352

00:42:34.285 --> 00:42:35.790 in emergency medicine.

NOTE Confidence: 0.83120652875

00:42:35.860 --> 00:42:37.956 And then did a quality and safety fellowship

NOTE Confidence: 0.836282488

00:42:37.970 --> 00:42:40.276 over here at the VA. He joined the

NOTE Confidence: 0.836282488

00:42:40.276 --> 00:42:42.380 faculty in 2017. At the same time,

NOTE Confidence: 0.86113979125

00:42:42.390 --> 00:42:44.112 he became director of the Vision

NOTE Confidence: 0.86113979125

00:42:44.112 --> 00:42:45.462 One Telemental Health hub.

NOTE Confidence: 0.86113979125

00:42:45.462 --> 00:42:46.786 And then two years later,

NOTE Confidence: 0.86113979125

00:42:46.786 --> 00:42:49.014 he became director of the Vision

NOTE Confidence: 0.86113979125

00:42:49.014 --> 00:42:50.950 One Clinical Resource hub.

NOTE Confidence: 0.86113979125

00:42:50.950 --> 00:42:52.962 I just want to say that he was

NOTE Confidence: 0.86113979125

00:42:52.962 --> 00:42:55.230 essentially pushed into the deep end

NOTE Confidence: 0.86113979125

00:42:55.230 --> 00:42:56.770 when he joined the faculty here.

NOTE Confidence: 0.86113979125

00:42:56.770 --> 00:42:57.620 And lucky for us,

NOTE Confidence: 0.86113979125

00:42:57.620 --> 00:42:59.650 he was able to swim and navigate the

NOTE Confidence: 0.86113979125

00:42:59.650 --> 00:43:02.096 choppy waters of administration at the VA.

NOTE Confidence: 0.86113979125

00:43:02.096 --> 00:43:03.208 He's one of the few.

NOTE Confidence: 0.86113979125

00:43:03.208 --> 00:43:04.450 There are these clinical resource hubs

NOTE Confidence: 0.86113979125

00:43:04.450 --> 00:43:06.430 throughout the VA he's one of the few.

NOTE Confidence: 0.86113979125

00:43:06.430 --> 00:43:08.360 Psychiatrists, so it's what

NOTE Confidence: 0.86113979125

00:43:08.360 --> 00:43:10.240 started as a telemental health hub,

NOTE Confidence: 0.86113979125

00:43:10.240 --> 00:43:11.592 now became a telehealth hub

NOTE Confidence: 0.86113979125

00:43:11.592 --> 00:43:12.960 that includes primary care,

NOTE Confidence: 0.86113979125

00:43:12.960 --> 00:43:14.548 specialty care like cardiology.

NOTE Confidence: 0.86113979125

00:43:14.548 --> 00:43:15.739 So he has,

NOTE Confidence: 0.86113979125

00:43:15.740 --> 00:43:17.217 I want to echo what Allison said,

NOTE Confidence: 0.86113979125

00:43:17.220 --> 00:43:18.900 he has done sort of an amazing job

NOTE Confidence: 0.86113979125

00:43:18.900 --> 00:43:21.060 of building this from the ground up.

NOTE Confidence: 0.86113979125

00:43:21.060 --> 00:43:22.608 So he's just going to give us a

NOTE Confidence: 0.86113979125

00:43:22.608 --> 00:43:23.692 brief overview of that and then

NOTE Confidence: 0.86113979125

00:43:23.692 --> 00:43:24.844 we'll have some time for questions.

NOTE Confidence: 0.86113979125

00:43:24.850 --> 00:43:25.470 So David?

NOTE Confidence: 0.731826604375

00:43:29.160 --> 00:43:31.925 Thanks as mini and and and thanks

NOTE Confidence: 0.731826604375

00:43:31.925 --> 00:43:35.257 Allison I want to echo while I bring up.

NOTE Confidence: 0.731826604375

00:43:35.260 --> 00:43:38.930 My slides, here we go.

NOTE Confidence: 0.731826604375

00:43:38.930 --> 00:43:41.247 You know how great it's been working

NOTE Confidence: 0.731826604375

00:43:41.250 --> 00:43:44.001 with with Allison and just wanted to

NOTE Confidence: 0.731826604375

00:43:44.001 --> 00:43:47.267 check are my slides sharing right now?

NOTE Confidence: 0.731826604375

00:43:47.270 --> 00:43:51.110 Yes, yeah, they look good. And.

NOTE Confidence: 0.770776956666667

00:43:54.610 --> 00:43:56.451 Another thing and I realized there we

NOTE Confidence: 0.770776956666667

00:43:56.451 --> 00:43:59.420 are going to bring up, I advance her.

NOTE Confidence: 0.770776956666667

00:43:59.420 --> 00:44:01.910 So I can. Move them forward.

NOTE Confidence: 0.770776956666667

00:44:01.910 --> 00:44:03.590 This will be very brief and

NOTE Confidence: 0.770776956666667

00:44:03.590 --> 00:44:07.010 what it will be is in. Oops.

NOTE Confidence: 0.770776956666667

00:44:07.010 --> 00:44:09.350 There we go, an overview of some of the

NOTE Confidence: 0.770776956666667

00:44:09.350 --> 00:44:11.340 efforts here via Connecticut and Yale.

NOTE Confidence: 0.770776956666667

00:44:11.340 --> 00:44:14.916 And I can't say how thankful I am for

NOTE Confidence: 0.770776956666667

00:44:14.916 --> 00:44:17.472 working with Allison over the last

NOTE Confidence: 0.770776956666667

00:44:17.472 --> 00:44:21.650 several years starting at AAA P but.

NOTE Confidence: 0.770776956666667

00:44:21.650 --> 00:44:23.386 Really a lot of the things that

NOTE Confidence: 0.770776956666667

00:44:23.386 --> 00:44:25.364 I'm going to talk about here are

NOTE Confidence: 0.770776956666667

00:44:25.364 --> 00:44:27.122 build on some of the foundations

NOTE Confidence: 0.770776956666667

00:44:27.186 --> 00:44:29.082 that Allison and and folks like

NOTE Confidence: 0.770776956666667

00:44:29.082 --> 00:44:31.058 Allison are are bringing to this

NOTE Confidence: 0.770776956666667

00:44:31.058 --> 00:44:32.828 in both research and evaluation.

NOTE Confidence: 0.770776956666667

00:44:32.830 --> 00:44:36.540 Also wanted to thank his meanie meanie

NOTE Confidence: 0.770776956666667

91

00:44:36.540 --> 00:44:40.110 who really had the foresight of

NOTE Confidence: 0.770776956666667

00:44:40.110 --> 00:44:42.300 bringing telehealth into the mental

NOTE Confidence: 0.770776956666667

00:44:42.300 --> 00:44:45.100 health service line of a Connecticut

NOTE Confidence: 0.770776956666667

00:44:45.100 --> 00:44:48.526 and has supported me and others at

NOTE Confidence: 0.770776956666667

00:44:48.526 --> 00:44:51.280 a Connecticut doing this work so.

NOTE Confidence: 0.770776956666667

00:44:51.280 --> 00:44:54.298 I have no conflicts of interest.

NOTE Confidence: 0.770776956666667

00:44:54.300 --> 00:44:55.380 And very brief overview.

NOTE Confidence: 0.770776956666667

00:44:55.380 --> 00:44:57.311 I'm probably going to skip a few

NOTE Confidence: 0.770776956666667

00:44:57.311 --> 00:44:59.383 slides and I apologize for that just so

NOTE Confidence: 0.770776956666667

00:44:59.383 --> 00:45:01.177 there's time for question and answer,

NOTE Confidence: 0.770776956666667

00:45:01.180 --> 00:45:03.214 answer really the thing that I've

NOTE Confidence: 0.770776956666667

00:45:03.214 --> 00:45:05.767 been focused on and others at via

NOTE Confidence: 0.770776956666667

00:45:05.767 --> 00:45:07.647 Connecticut have been focused on.

NOTE Confidence: 0.770776956666667

00:45:07.650 --> 00:45:10.240 Is this fundamental problem that

NOTE Confidence: 0.770776956666667

00:45:10.240 --> 00:45:13.440 there is a mismatch between where?

NOTE Confidence: 0.770776956666667

00:45:13.440 --> 00:45:16.284 People live and where often they're

NOTE Confidence: 0.770776956666667

00:45:16.284 --> 00:45:19.201 providers live and that this is

NOTE Confidence: 0.770776956666667

00:45:19.201 --> 00:45:21.065 really exacerbated in populations

NOTE Confidence: 0.770776956666667

00:45:21.065 --> 00:45:23.420 that are most at risk.

NOTE Confidence: 0.770776956666667

00:45:23.420 --> 00:45:26.306 Often I'll talk about rural health,

NOTE Confidence: 0.770776956666667

00:45:26.310 --> 00:45:29.070 but this is it's not just a problem

NOTE Confidence: 0.770776956666667

00:45:29.070 --> 00:45:31.072 of rurality that that there there

NOTE Confidence: 0.770776956666667

00:45:31.072 --> 00:45:33.040 is a mismatch and it's something

NOTE Confidence: 0.770776956666667

00:45:33.106 --> 00:45:34.870 that telehealth can overcome,

NOTE Confidence: 0.770776956666667

00:45:34.870 --> 00:45:36.600 but it's not just telehealth.

NOTE Confidence: 0.770776956666667

00:45:36.600 --> 00:45:38.610 So I direct the clinical resource

NOTE Confidence: 0.770776956666667

00:45:38.610 --> 00:45:40.839 hub service line at a Connecticut

NOTE Confidence: 0.770776956666667

00:45:40.840 --> 00:45:43.210 and it's really a team.

NOTE Confidence: 0.770776956666667

00:45:43.210 --> 00:45:45.880 I'm a psychiatrist who's responsible

NOTE Confidence: 0.770776956666667

00:45:45.880 --> 00:45:48.016 for medical providers and,

NOTE Confidence: 0.770776956666667

00:45:48.020 --> 00:45:52.206 and really I rely on the great.

NOTE Confidence: 0.770776956666667

00:45:52.210 --> 00:45:54.128 You know, the great teams at VA,

NOTE Confidence: 0.770776956666667

00:45:54.130 --> 00:45:56.596 Connecticut and Yale School of Medicine.

NOTE Confidence: 0.770776956666667

00:45:56.600 --> 00:45:59.306 I'm also going to mention something

NOTE Confidence: 0.770776956666667

00:45:59.306 --> 00:46:01.700 called the National Mental Health

NOTE Confidence: 0.770776956666667

00:46:01.700 --> 00:46:03.740 and Suicide Prevention ECHO.

NOTE Confidence: 0.770776956666667

00:46:03.740 --> 00:46:04.512 It really,

NOTE Confidence: 0.770776956666667

00:46:04.512 --> 00:46:06.828 that's focused if folks are familiar

NOTE Confidence: 0.770776956666667

00:46:06.828 --> 00:46:09.398 with Project Echo on the idea that we

NOTE Confidence: 0.770776956666667

00:46:09.398 --> 00:46:11.694 need to train people to use evidence

NOTE Confidence: 0.770776956666667

00:46:11.694 --> 00:46:13.836 based practices and that's led by.

NOTE Confidence: 0.770776956666667

00:46:13.840 --> 00:46:15.532 Folks like Alan Edens,

NOTE Confidence: 0.770776956666667

00:46:15.532 --> 00:46:18.070 all this slide going over this.

NOTE Confidence: 0.770776956666667

00:46:18.070 --> 00:46:21.004 And it's focused on on getting rural sites,

NOTE Confidence: 0.770776956666667

00:46:21.004 --> 00:46:23.223 but non rural sites as well to

NOTE Confidence: 0.770776956666667

00:46:23.223 --> 00:46:25.230 adopt evidence based practices.

NOTE Confidence: 0.770776956666667

00:46:25.230 --> 00:46:27.596 And then I'm going to shift gears

NOTE Confidence: 0.770776956666667

00:46:27.596 --> 00:46:29.952 just to highlight the national Tele

NOTE Confidence: 0.770776956666667

00:46:29.952 --> 00:46:32.067 Nephrology hub and spoke network.

NOTE Confidence: 0.770776956666667

00:46:32.070 --> 00:46:35.059 I think one thing that in mental

NOTE Confidence: 0.770776956666667

00:46:35.059 --> 00:46:37.285 health is always good to remind

NOTE Confidence: 0.770776956666667

00:46:37.285 --> 00:46:39.443 ourselves is that the patients we

NOTE Confidence: 0.770776956666667

00:46:39.443 --> 00:46:41.473 work with are much more likely to

NOTE Confidence: 0.770776956666667

00:46:41.473 --> 00:46:44.450 die and suffer and have morbidity

NOTE Confidence: 0.770776956666667

00:46:44.450 --> 00:46:47.130 from medical conditions than the

NOTE Confidence: 0.770776956666667

00:46:47.217 --> 00:46:48.859 general population.

NOTE Confidence: 0.770776956666667

00:46:48.860 --> 00:46:53.140 Mental illnesses interact with and

NOTE Confidence: 0.770776956666667

00:46:53.140 --> 00:46:55.293 exacerbate medical conditions and

NOTE Confidence: 0.770776956666667

00:46:55.293 --> 00:46:57.448 that decrease access to medical

NOTE Confidence: 0.770776956666667

00:46:57.448 --> 00:46:59.982 problems is going to be much worse

NOTE Confidence: 0.770776956666667

00:46:59.982 --> 00:47:01.980 in the populations we work with.

NOTE Confidence: 0.8264262125

00:47:04.440 --> 00:47:07.080 I'm going to briefly put up this slide.

NOTE Confidence: 0.8264262125

00:47:07.080 --> 00:47:09.131 This is really a thank you slide

NOTE Confidence: 0.8264262125

00:47:09.131 --> 00:47:10.833 acknowledgement slide to a lot of

NOTE Confidence: 0.8264262125

00:47:10.833 --> 00:47:12.118 people in the clinical resource

NOTE Confidence: 0.8264262125

00:47:12.118 --> 00:47:13.658 hub doing substance use work.

NOTE Confidence: 0.8264262125

00:47:13.660 --> 00:47:15.905 The the nephrologist and evaluators

NOTE Confidence: 0.8264262125

00:47:15.905 --> 00:47:18.641 working in the hub and spoke

NOTE Confidence: 0.8264262125

00:47:18.641 --> 00:47:21.095 network and then the ECHO team.

NOTE Confidence: 0.8264262125

00:47:21.100 --> 00:47:23.512 And you'll see a lot of familiar faces here,

NOTE Confidence: 0.8264262125

00:47:23.520 --> 00:47:24.360 but for the sake of time,

NOTE Confidence: 0.8264262125

00:47:24.360 --> 00:47:25.530 I'm going to skip over it.

NOTE Confidence: 0.8264262125

00:47:25.530 --> 00:47:27.594 One other person I want to highlight here

NOTE Confidence: 0.8264262125

00:47:27.594 --> 00:47:29.578 who's not on this slide is Mark Rosen,

NOTE Confidence: 0.8264262125

00:47:29.580 --> 00:47:31.580 who directs the addiction psychiatrist

NOTE Confidence: 0.8264262125

00:47:31.580 --> 00:47:34.409 firm and a Connecticut I worked with.

NOTE Confidence: 0.8264262125

00:47:34.410 --> 00:47:35.332 The conduit,

NOTE Confidence: 0.8264262125

00:47:35.332 --> 00:47:37.637 which is a national implementation

NOTE Confidence: 0.8264262125

00:47:37.637 --> 00:47:39.422 facilitation grant that that

NOTE Confidence: 0.8264262125

00:47:39.422 --> 00:47:41.097 just wrapped up last year,

NOTE Confidence: 0.8264262125

00:47:41.100 --> 00:47:43.968 but he's continuing to study the

NOTE Confidence: 0.8264262125

00:47:43.968 --> 00:47:46.303 implementation of Tele buprenorphine and

NOTE Confidence: 0.8264262125

00:47:46.303 --> 00:47:50.226 really is a leader in this field and I'm

NOTE Confidence: 0.8264262125

00:47:50.226 --> 00:47:53.140 really thankful for his guidance and.

NOTE Confidence: 0.8264262125

00:47:53.140 --> 00:47:56.236 In support as we started our nephrol or our,

NOTE Confidence: 0.8264262125

00:47:56.240 --> 00:47:56.844 excuse me,

NOTE Confidence: 0.8264262125

00:47:56.844 --> 00:47:57.750 our buprenorphine hub.

NOTE Confidence: 0.8574861908

00:48:00.240 --> 00:48:02.268 Really briefly, this is a map

NOTE Confidence: 0.8574861908

00:48:02.268 --> 00:48:04.228 of the clinical resource hub and

NOTE Confidence: 0.8574861908

00:48:04.228 --> 00:48:05.842 what you'll notice is it began

NOTE Confidence: 0.8574861908

00:48:05.842 --> 00:48:08.079 as a mental health hub in blue.

NOTE Confidence: 0.8574861908

00:48:08.080 --> 00:48:09.805 These are the unique veterans

NOTE Confidence: 0.8574861908

00:48:09.805 --> 00:48:10.840 treated each quarter.

NOTE Confidence: 0.8574861908

00:48:10.840 --> 00:48:11.612 It's by fiscal year,

NOTE Confidence: 0.8574861908

00:48:11.612 --> 00:48:13.100 which is a little funny in the VA,

NOTE Confidence: 0.8574861908

00:48:13.100 --> 00:48:15.612 but I think the take away is that

NOTE Confidence: 0.8574861908

00:48:15.612 --> 00:48:18.182 mental health grew but so did primary

NOTE Confidence: 0.8574861908

00:48:18.182 --> 00:48:20.052 care and then specialty medicine

NOTE Confidence: 0.8574861908

00:48:20.127 --> 00:48:22.855 as well and then what and what this

NOTE Confidence: 0.8574861908

00:48:22.855 --> 00:48:25.097 really reflects is especially during

NOTE Confidence: 0.8574861908

00:48:25.097 --> 00:48:28.730 the pandemic that all aspects of care.

NOTE Confidence: 0.8574861908

00:48:28.730 --> 00:48:30.890 Umm experience decreased access,

NOTE Confidence: 0.8574861908

00:48:30.890 --> 00:48:33.590 both from provider turnover but

NOTE Confidence: 0.8574861908

00:48:33.590 --> 00:48:36.408 just from disruption of services.

NOTE Confidence: 0.8574861908

00:48:36.410 --> 00:48:39.490 And it's largely based at VA Connecticut.

NOTE Confidence: 0.8574861908

00:48:39.490 --> 00:48:42.994 And this is a an estimate of the

NOTE Confidence: 0.8574861908

00:48:42.994 --> 00:48:45.630 network of services that are provided

NOTE Confidence: 0.8574861908

00:48:45.630 --> 00:48:48.270 largely through video into the home,

NOTE Confidence: 0.8574861908

00:48:48.270 --> 00:48:50.190 but also video in the clinic,

NOTE Confidence: 0.8574861908

00:48:50.190 --> 00:48:51.660 which is that top graphic.

NOTE Confidence: 0.914741545555555

00:48:54.040 --> 00:48:55.845 This is a high level

NOTE Confidence: 0.914741545555555

00:48:55.845 --> 00:48:57.289 description of the services.

NOTE Confidence: 0.914741545555555

00:48:57.290 --> 00:48:58.990 We call ourselves a hub

NOTE Confidence: 0.914741545555555

00:48:58.990 --> 00:49:00.690 or really we're a network.

NOTE Confidence: 0.914741545555555

00:49:00.690 --> 00:49:02.685 The majority of services come

NOTE Confidence: 0.914741545555555

00:49:02.685 --> 00:49:04.680 from VA Connecticut and they're

NOTE Confidence: 0.914741545555555

00:49:04.748 --> 00:49:06.448 supported by Yale faculty.

NOTE Confidence: 0.914741545555555

00:49:06.450 --> 00:49:08.583 But we can see is we also bring in

NOTE Confidence: 0.914741545555555

00:49:08.583 --> 00:49:10.733 a really high quality providers

NOTE Confidence: 0.914741545555555

00:49:10.733 --> 00:49:12.978 from White River Junction, Vt,

NOTE Confidence: 0.914741545555555

00:49:12.978 --> 00:49:15.366 Boston and Providence and and even

NOTE Confidence: 0.914741545555555

00:49:15.366 --> 00:49:18.198 Maine which often receives our services.

NOTE Confidence: 0.914741545555555

00:49:18.200 --> 00:49:20.005 We we we collaborate with

NOTE Confidence: 0.914741545555555

00:49:20.005 --> 00:49:21.088 cardiologists up there,

NOTE Confidence: 0.914741545555555

00:49:21.090 --> 00:49:24.058 we try to focus on foundational services.

NOTE Confidence: 0.914741545555555

00:49:24.060 --> 00:49:25.672 Things like mental health,

NOTE Confidence: 0.914741545555555

00:49:25.672 --> 00:49:26.478 primary care,

NOTE Confidence: 0.914741545555555

00:49:26.480 --> 00:49:28.340 substance use and substance use,

NOTE Confidence: 0.914741545555555

00:49:28.340 --> 00:49:28.948 excuse me,

NOTE Confidence: 0.914741545555555

00:49:28.948 --> 00:49:30.772 and and pain and really substance

NOTE Confidence: 0.914741545555555

00:49:30.772 --> 00:49:32.709 use is a foundational service in

NOTE Confidence: 0.914741545555555

00:49:32.709 --> 00:49:35.112 the VA and and we've really built

NOTE Confidence: 0.914741545555555

00:49:35.112 --> 00:49:36.880 that program out intentionally.

NOTE Confidence: 0.914741545555555

00:49:36.880 --> 00:49:39.096 But we also really do make an effort

NOTE Confidence: 0.914741545555555

00:49:39.096 --> 00:49:41.674 to make sure that there's good access

NOTE Confidence: 0.914741545555555

00:49:41.674 --> 00:49:44.010 to specialty medical programs as well,

NOTE Confidence: 0.914741545555555

00:49:44.010 --> 00:49:45.573 including renal, cardiology,

NOTE Confidence: 0.914741545555555

00:49:45.573 --> 00:49:47.657 liver and surgical services.

NOTE Confidence: 0.834410758421053

00:49:50.880 --> 00:49:52.410 Our our substance use team and

NOTE Confidence: 0.834410758421053

00:49:52.410 --> 00:49:54.413 actually that I left two people off

NOTE Confidence: 0.834410758421053

00:49:54.413 --> 00:49:56.279 accidentally and that was an intentional.

NOTE Confidence: 0.834410758421053

00:49:56.280 --> 00:49:57.852 Kristen Serowik, a psychologist,

NOTE Confidence: 0.834410758421053

00:49:57.852 --> 00:49:59.424 and Christine Lozano are

NOTE Confidence: 0.834410758421053

00:49:59.424 --> 00:50:01.298 both on the Yale faculty.

NOTE Confidence: 0.834410758421053

00:50:01.300 --> 00:50:03.638 They're part of this team right now.

NOTE Confidence: 0.834410758421053

00:50:03.640 --> 00:50:06.657 I was going to highlight the prescribers

NOTE Confidence: 0.834410758421053

00:50:06.660 --> 00:50:09.705 just because just because I think it

NOTE Confidence: 0.834410758421053

00:50:09.705 --> 00:50:11.800 complements Doctor Lynn's talk and

NOTE Confidence: 0.834410758421053

00:50:11.800 --> 00:50:14.306 and really what they're doing and and

NOTE Confidence: 0.834410758421053

00:50:14.306 --> 00:50:16.806 what what the efforts in psychiatry

NOTE Confidence: 0.834410758421053

00:50:16.806 --> 00:50:19.275 and prescribing has been has to

NOTE Confidence: 0.834410758421053

00:50:19.275 --> 00:50:21.645 try to bring a virtual prescriber.

NOTE Confidence: 0.834410758421053

00:50:21.650 --> 00:50:23.654 Into a local substance use team

NOTE Confidence: 0.834410758421053

00:50:23.654 --> 00:50:25.753 that substance use care and most

NOTE Confidence: 0.834410758421053

00:50:25.753 --> 00:50:27.835 and for especially for the most

NOTE Confidence: 0.834410758421053

00:50:27.835 --> 00:50:29.763 complex patients really is inner

NOTE Confidence: 0.834410758421053

00:50:29.763 --> 00:50:31.327 professional in both nursing,

NOTE Confidence: 0.834410758421053

00:50:31.330 --> 00:50:34.350 social work therapy and schedulers.

NOTE Confidence: 0.834410758421053

00:50:34.350 --> 00:50:36.450 And and there's a component of this

NOTE Confidence: 0.834410758421053

00:50:36.450 --> 00:50:38.870 that has to be in person and over

NOTE Confidence: 0.834410758421053

00:50:38.870 --> 00:50:40.910 the last several years since the

NOTE Confidence: 0.834410758421053

00:50:40.910 --> 00:50:42.809 beginning of the pandemic we what

NOTE Confidence: 0.834410758421053

00:50:42.809 --> 00:50:45.033 we saw was that there was enormous

NOTE Confidence: 0.834410758421053

00:50:45.033 --> 00:50:47.138 turnover of prescribers in substance

NOTE Confidence: 0.834410758421053

00:50:47.138 --> 00:50:49.602 use settings and that several sites

NOTE Confidence: 0.834410758421053

00:50:49.602 --> 00:50:51.146 actually lost their prescribers.

NOTE Confidence: 0.834410758421053

00:50:51.150 --> 00:50:53.038 So the Manchester NH.

NOTE Confidence: 0.834410758421053

00:50:53.038 --> 00:50:55.280 System, a large clinic in Worcester,

NOTE Confidence: 0.834410758421053

00:50:55.280 --> 00:50:56.935 MA and actually a residential

NOTE Confidence: 0.834410758421053

00:50:56.935 --> 00:50:57.928 program in Bedford,

NOTE Confidence: 0.834410758421053

00:50:57.930 --> 00:50:58.321 MA.

NOTE Confidence: 0.834410758421053

00:50:58.321 --> 00:51:01.314 And so we set up clinics and over

NOTE Confidence: 0.834410758421053

00:51:01.314 --> 00:51:03.568 the past two years we've been able

NOTE Confidence: 0.834410758421053

00:51:03.568 --> 00:51:06.294 to work with about 400 veterans

NOTE Confidence: 0.834410758421053

00:51:06.294 --> 00:51:07.689 and outpatient settings,

NOTE Confidence: 0.834410758421053

00:51:07.690 --> 00:51:09.745 three hundreds of of those

NOTE Confidence: 0.834410758421053

00:51:09.745 --> 00:51:11.389 receiving medications for opiate

NOTE Confidence: 0.834410758421053

00:51:11.389 --> 00:51:13.830 use disorder from our prescribers.

NOTE Confidence: 0.834410758421053

00:51:13.830 --> 00:51:16.448 And then about 200 veterans and residential

NOTE Confidence: 0.834410758421053

00:51:16.448 --> 00:51:19.048 settings that had lost their prescribers.

NOTE Confidence: 0.834410758421053

00:51:19.050 --> 00:51:21.030 And for the sake of time,

NOTE Confidence: 0.834410758421053

00:51:21.030 --> 00:51:22.955 I'm going to advance kind of quickly,

NOTE Confidence: 0.834410758421053

00:51:22.960 --> 00:51:24.493 but one of the key points is

NOTE Confidence: 0.834410758421053

00:51:24.493 --> 00:51:26.439 I think that we do have done a

NOTE Confidence: 0.834410758421053

00:51:26.439 --> 00:51:28.035 really good job and actually a

NOTE Confidence: 0.834410758421053

00:51:28.035 --> 00:51:29.895 better job of getting people onto

NOTE Confidence: 0.834410758421053

00:51:29.895 --> 00:51:31.760 medications for opiate use disorder.

NOTE Confidence: 0.834410758421053

00:51:31.760 --> 00:51:34.085 Our prescribers are filling more

NOTE Confidence: 0.834410758421053

00:51:34.085 --> 00:51:37.045 Narcan and there are also prescribing

NOTE Confidence: 0.834410758421053

00:51:37.045 --> 00:51:39.520 more medications for alcohol use

NOTE Confidence: 0.834410758421053

00:51:39.520 --> 00:51:41.960 disorder than the local VA's are

NOTE Confidence: 0.834410758421053

00:51:41.960 --> 00:51:44.090 doing and one of the limitations.

NOTE Confidence: 0.834410758421053

00:51:44.090 --> 00:51:45.710 Is that it probably needs more

NOTE Confidence: 0.834410758421053

00:51:45.710 --> 00:51:47.100 nursing support since we don't

NOTE Confidence: 0.834410758421053

00:51:47.100 --> 00:51:48.405 have people on the ground.

NOTE Confidence: 0.834410758421053

00:51:48.410 --> 00:51:49.678 There are no addiction

NOTE Confidence: 0.834410758421053

00:51:49.678 --> 00:51:50.946 psychiatrists at these sites.

NOTE Confidence: 0.908597575555556

00:51:54.670 --> 00:51:59.179 I'm going to briefly touch on this idea that.

NOTE Confidence: 0.908597575555556

00:51:59.180 --> 00:52:01.748 Complex care is interprofessional

NOTE Confidence: 0.908597575555556

00:52:01.748 --> 00:52:04.649 again, and that if.

NOTE Confidence: 0.908597575555556

00:52:04.650 --> 00:52:07.314 The VA's or communities or facilities

NOTE Confidence: 0.908597575555556

00:52:07.314 --> 00:52:10.129 are going to implement complex care.

NOTE Confidence: 0.908597575555556

00:52:10.130 --> 00:52:12.580 It actually requires a lot of training.

NOTE Confidence: 0.908597575555556

00:52:12.580 --> 00:52:15.196 That things like ketamine as ketamine,

NOTE Confidence: 0.908597575555556

00:52:15.200 --> 00:52:18.350 that are priorities to implement

NOTE Confidence: 0.908597575555556

00:52:18.350 --> 00:52:20.590 at BA's across the country or

NOTE Confidence: 0.908597575555556

00:52:20.590 --> 00:52:21.878 facilities across the country,

NOTE Confidence: 0.908597575555556

00:52:21.880 --> 00:52:24.229 that they need to have training to do that

NOTE Confidence: 0.908597575555556

00:52:24.229 --> 00:52:26.496 from people experienced with it at Yale,

NOTE Confidence: 0.908597575555556

00:52:26.500 --> 00:52:28.080 we take that for granted.

NOTE Confidence: 0.908597575555556

00:52:28.080 --> 00:52:30.970 So one of the things.

NOTE Confidence: 0.908597575555556

00:52:30.970 --> 00:52:32.692 We've been working on in the National

NOTE Confidence: 0.908597575555556

00:52:32.692 --> 00:52:34.383 mental health and suicide prevention ECHO

NOTE Confidence: 0.908597575555556

00:52:34.383 --> 00:52:36.483 and I'm going to mention everyone involved,

NOTE Confidence: 0.908597575555556

00:52:36.490 --> 00:52:37.386 Ellen Edens,

NOTE Confidence: 0.908597575555556

00:52:37.386 --> 00:52:40.112 Gabriella Garcia Besado, Toral Surdi,

NOTE Confidence: 0.908597575555556

00:52:40.112 --> 00:52:43.567 Brent Moore and Minoxidil Razia,

NOTE Confidence: 0.908597575555556

00:52:43.570 --> 00:52:44.800 all on the faculty at Yale,

NOTE Confidence: 0.908597575555556

00:52:44.800 --> 00:52:47.976 but also a host of other people have

NOTE Confidence: 0.908597575555556

00:52:47.976 --> 00:52:50.576 been working at making practical

NOTE Confidence: 0.908597575555556

00:52:50.576 --> 00:52:54.026 simulation based trainings and case based

NOTE Confidence: 0.908597575555556

00:52:54.026 --> 00:52:56.708 trainings and really high priority.

NOTE Confidence: 0.908597575555556

00:52:56.710 --> 00:52:59.470 Programs and some of this is kind of

NOTE Confidence: 0.908597575555556

00:52:59.470 --> 00:53:01.628 case based interactive trainings and

NOTE Confidence: 0.908597575555556

00:53:01.628 --> 00:53:04.869 what we call echoes and substance use

NOTE Confidence: 0.908597575555556

00:53:04.945 --> 00:53:07.501 mental health and LGBTQ plus mental

NOTE Confidence: 0.908597575555556

00:53:07.501 --> 00:53:10.431 health but also things that are more

NOTE Confidence: 0.908597575555556

00:53:10.431 --> 00:53:11.652 intensive than interprofessional

NOTE Confidence: 0.908597575555556

00:53:11.652 --> 00:53:13.513 focused on ketamine, esketamine,

NOTE Confidence: 0.908597575555556

00:53:13.513 --> 00:53:14.779 substance use,

NOTE Confidence: 0.908597575555556

00:53:14.779 --> 00:53:17.944 Co occurring liver and substance

NOTE Confidence: 0.908597575555556

00:53:17.944 --> 00:53:20.914 use disorders and stimulants and

NOTE Confidence: 0.908597575555556

00:53:20.914 --> 00:53:24.204 Co occurring cardiac toxicity and

NOTE Confidence: 0.908597575555556

00:53:24.204 --> 00:53:27.156 from those stimulants and.

NOTE Confidence: 0.908597575555556

00:53:27.160 --> 00:53:30.082 And and these programs are all

NOTE Confidence: 0.908597575555556

00:53:30.082 --> 00:53:32.627 multi hour multiday trainings that

NOTE Confidence: 0.908597575555556

00:53:32.627 --> 00:53:35.182 are focused on training providers

NOTE Confidence: 0.908597575555556

00:53:35.182 --> 00:53:38.159 not just prescribers but the whole

NOTE Confidence: 0.908597575555556

00:53:38.159 --> 00:53:40.691 team at a remote facilities who

NOTE Confidence: 0.908597575555556

00:53:40.691 --> 00:53:44.948 don't have that expertise on site.

NOTE Confidence: 0.908597575555556

00:53:44.950 --> 00:53:45.718 And then finally,

NOTE Confidence: 0.908597575555556

00:53:45.718 --> 00:53:48.209 this is going to be very brief because I'm,

NOTE Confidence: 0.908597575555556

00:53:48.210 --> 00:53:52.154 I think we're out of time is this is

NOTE Confidence: 0.908597575555556

00:53:52.154 --> 00:53:53.906 actually a really important point is

NOTE Confidence: 0.908597575555556

00:53:53.906 --> 00:53:55.985 that while there are you know people

NOTE Confidence: 0.908597575555556

00:53:55.985 --> 00:53:57.764 struggle in substance use to get

NOTE Confidence: 0.908597575555556

00:53:57.764 --> 00:53:59.486 treatments out and mental health in

NOTE Confidence: 0.908597575555556

00:53:59.486 --> 00:54:01.834 general to the patients who need them,

NOTE Confidence: 0.908597575555556

00:54:01.834 --> 00:54:04.060 mental health is really way ahead

NOTE Confidence: 0.908597575555556

00:54:04.128 --> 00:54:04.908 of the game.

NOTE Confidence: 0.908597575555556

00:54:04.910 --> 00:54:07.376 And that during the pandemic specialty

NOTE Confidence: 0.908597575555556

00:54:07.376 --> 00:54:10.231 medicine had to really try to build

NOTE Confidence: 0.908597575555556

00:54:10.231 --> 00:54:12.126 new programs that never existed.

NOTE Confidence: 0.908597575555556

00:54:12.130 --> 00:54:14.111 We we had this in mental health

NOTE Confidence: 0.908597575555556

00:54:14.111 --> 00:54:15.480 to a certain extent.

NOTE Confidence: 0.908597575555556

00:54:15.480 --> 00:54:17.808 And one of the things that we tried

NOTE Confidence: 0.908597575555556

00:54:17.808 --> 00:54:20.274 to do in our clinical resource hub

NOTE Confidence: 0.908597575555556

00:54:20.274 --> 00:54:22.604 was get renal care out to veterans

NOTE Confidence: 0.908597575555556

00:54:22.604 --> 00:54:24.428 nationally and I want to highlight

NOTE Confidence: 0.908597575555556

00:54:24.428 --> 00:54:26.704 this map on the left and and then

NOTE Confidence: 0.908597575555556

00:54:26.704 --> 00:54:28.313 I'm probably going to end because

NOTE Confidence: 0.908597575555556

00:54:28.313 --> 00:54:29.558 what we did was we,

NOTE Confidence: 0.908597575555556

00:54:29.560 --> 00:54:32.896 we we got a grant from the Office

NOTE Confidence: 0.908597575555556

00:54:32.896 --> 00:54:35.620 of Rural Health to develop.

00:54:35.620 --> 00:54:39.980 A network of nephrology hubs and it's based.

00:54:39.980 --> 00:54:43.340 The first two were based at Boston and

00:54:43.340 --> 00:54:45.495 Connecticut and went to highlight Ramon

00:54:45.495 --> 00:54:47.600 Venezio and and Susan Crowley both.

00:54:47.600 --> 00:54:48.575 So Susan Dr.

00:54:48.575 --> 00:54:51.367 Crowley is based at Yale and is the

00:54:51.367 --> 00:54:53.983 chief of the Nephrology program and

00:54:53.983 --> 00:54:56.556 the National Kidney Disease lead and

00:54:56.556 --> 00:54:58.332 and what what they've been doing

00:54:58.332 --> 00:55:00.133 and we've been trying to figure

00:55:00.133 --> 00:55:02.121 out is and when we wouldn't have

00:55:02.186 --> 00:55:04.136 done without our initial work in

00:55:04.136 --> 00:55:05.923 the treatment of opiate use.

00:55:05.923 --> 00:55:07.855 Disorders because there are

00:55:07.855 --> 00:55:10.270 actually large parallels in in

00:55:10.356 --> 00:55:12.660 implementing complex services.

NOTE Confidence: 0.908597575555556

00:55:12.660 --> 00:55:14.502 And what we learned in the

NOTE Confidence: 0.908597575555556

00:55:14.502 --> 00:55:16.213 treatment of opioid use disorders

NOTE Confidence: 0.908597575555556

00:55:16.213 --> 00:55:18.207 is really applied to renal disease.

NOTE Confidence: 0.908597575555556

00:55:18.207 --> 00:55:19.950 And if you look at the map

NOTE Confidence: 0.850263937857143

00:55:20.012 --> 00:55:21.474 map on the list, if, if,

NOTE Confidence: 0.850263937857143

00:55:21.474 --> 00:55:24.760 if a VA is in the white or light green,

NOTE Confidence: 0.850263937857143

00:55:24.760 --> 00:55:28.078 it really lacks access to renal care.

NOTE Confidence: 0.850263937857143

00:55:28.080 --> 00:55:30.341 There's either no renal care or very

NOTE Confidence: 0.850263937857143

00:55:30.341 --> 00:55:32.305 little renal care and not enough

NOTE Confidence: 0.850263937857143

00:55:32.305 --> 00:55:34.171 for the population and it's the

NOTE Confidence: 0.850263937857143

00:55:34.171 --> 00:55:36.219 rural sites and those rural sites.

NOTE Confidence: 0.850263937857143

00:55:36.220 --> 00:55:38.313 No one had access in the community

NOTE Confidence: 0.850263937857143

00:55:38.313 --> 00:55:41.232 and so this network and the and this

NOTE Confidence: 0.850263937857143

00:55:41.232 --> 00:55:43.182 grant is focused on implementation.

NOTE Confidence: 0.850263937857143

00:55:43.190 --> 00:55:44.422 It's it's a multi,

NOTE Confidence: 0.850263937857143

00:55:44.422 --> 00:55:47.253 it's a 5 year program to expand the

NOTE Confidence: 0.850263937857143

00:55:47.253 --> 00:55:49.530 Boston and nephrology hubs, but.

NOTE Confidence: 0.822359338

00:55:51.740 --> 00:55:56.118 Grow new hubs and so. I want to skip

NOTE Confidence: 0.822359338

00:55:56.118 --> 00:55:58.850 this slide just for the sake of time.

NOTE Confidence: 0.822359338

00:55:58.850 --> 00:56:01.217 And it's going to be a multi site grant

NOTE Confidence: 0.822359338

00:56:01.217 --> 00:56:03.193 and then over each year we're going

NOTE Confidence: 0.822359338

00:56:03.193 --> 00:56:05.607 to add in new hubs starting on the

NOTE Confidence: 0.822359338

00:56:05.607 --> 00:56:07.704 southeast and out West and and hopefully

NOTE Confidence: 0.822359338

00:56:07.704 --> 00:56:09.496 develop a network of hubs of doing this.

NOTE Confidence: 0.822359338

00:56:09.500 --> 00:56:11.795 And I think that's my last slide but you

NOTE Confidence: 0.822359338

00:56:11.795 --> 00:56:14.326 know hopefully what folks take away is that.

NOTE Confidence: 0.822359338

00:56:14.330 --> 00:56:16.280 Um at Yale and VA Connecticut

NOTE Confidence: 0.822359338

00:56:16.280 --> 00:56:18.260 and the VA in general.

NOTE Confidence: 0.844483086153846

00:56:20.500 --> 00:56:23.405 There there really has been a lot

NOTE Confidence: 0.844483086153846

00:56:23.405 --> 00:56:26.350 of progress and effort and success,

NOTE Confidence: 0.844483086153846

00:56:26.350 --> 00:56:27.960 but there is definitely a lot of

NOTE Confidence: 0.844483086153846

00:56:27.960 --> 00:56:29.908 more work to do and all hit mute.

NOTE Confidence: 0.844483086153846

00:56:29.908 --> 00:56:32.660 And I don't know if there's more questions

NOTE Confidence: 0.844483086153846

00:56:32.728 --> 00:56:35.104 and I think we're about out of time.

NOTE Confidence: 0.844483086153846

00:56:35.110 --> 00:56:36.220 Thank you, David.