

WEBVTT

NOTE duration: "00:46:03.989"

NOTE Confidence: 0.90183187

00:00:02.879 --> 00:00:05.359 Alright. So welcome, everyone, to

NOTE Confidence: 0.90183187

00:00:05.359 --> 00:00:06.819 the step learning collaborative's

NOTE Confidence: 0.9930542

00:00:07.279 --> 00:00:08.500 overview of

NOTE Confidence: 0.99485904

00:00:08.880 --> 00:00:11.059 early intervention services for schizophrenia

NOTE Confidence: 0.99939895

00:00:11.440 --> 00:00:11.940 course.

NOTE Confidence: 0.9984116

00:00:12.605 --> 00:00:13.964 We're so glad to have

NOTE Confidence: 0.9984116

00:00:13.964 --> 00:00:15.084 so many of you joining

NOTE Confidence: 0.9984116

00:00:15.084 --> 00:00:15.584 us.

NOTE Confidence: 0.99954444

00:00:16.605 --> 00:00:18.045 We wanted to start with

NOTE Confidence: 0.99954444

00:00:18.045 --> 00:00:18.864 some introductions.

NOTE Confidence: 0.9765864

00:00:20.765 --> 00:00:21.645 For those of you who

NOTE Confidence: 0.9765864

00:00:21.645 --> 00:00:23.005 I haven't met before, my

NOTE Confidence: 0.9765864

00:00:23.005 --> 00:00:24.704 name is Laura Yauveen Sykes.

NOTE Confidence: 0.99816793

00:00:25.210 --> 00:00:25.710 Professionally,

NOTE Confidence: 0.9987761

00:00:26.410 --> 00:00:27.789 I'm a clinical psychologist
NOTE Confidence: 0.85962677

00:00:28.090 --> 00:00:29.230 at the STEP program,
NOTE Confidence: 0.9906472

00:00:29.609 --> 00:00:30.890 and I'm also the director
NOTE Confidence: 0.9906472

00:00:30.890 --> 00:00:32.430 of our STEP learning collaborative.
NOTE Confidence: 0.96828085

00:00:33.290 --> 00:00:34.570 And then personally, I'm a
NOTE Confidence: 0.96828085

00:00:34.570 --> 00:00:36.670 family member of someone experiencing
NOTE Confidence: 0.96828085

00:00:36.890 --> 00:00:37.390 schizophrenia.
NOTE Confidence: 0.9796645

00:00:38.725 --> 00:00:39.925 And I'm so excited to
NOTE Confidence: 0.9796645

00:00:39.925 --> 00:00:41.525 be joined today and throughout
NOTE Confidence: 0.9796645

00:00:41.525 --> 00:00:42.585 the rest of the course,
NOTE Confidence: 0.93328196

00:00:43.445 --> 00:00:45.385 by doctor Vinod Srihari,
NOTE Confidence: 0.95818233

00:00:46.245 --> 00:00:47.525 a professor at the Yale
NOTE Confidence: 0.95818233

00:00:47.525 --> 00:00:48.645 School of Medicine in the
NOTE Confidence: 0.95818233

00:00:48.645 --> 00:00:49.784 department of psychiatry.
NOTE Confidence: 0.982516

00:00:51.020 --> 00:00:52.159 He's the director,
NOTE Confidence: 0.9916484

00:00:52.540 --> 00:00:54.320 founder, and also a practicing

NOTE Confidence: 0.9916484
00:00:54.460 --> 00:00:54.960 psychiatrist
NOTE Confidence: 0.9358131
00:00:55.579 --> 00:00:57.180 at the STEP program and
NOTE Confidence: 0.9358131
00:00:57.180 --> 00:00:58.940 overall kind of visionary for
NOTE Confidence: 0.9358131
00:00:58.940 --> 00:01:00.379 our statewide for our hopes
NOTE Confidence: 0.9358131
00:01:00.379 --> 00:01:01.739 of a a statewide network
NOTE Confidence: 0.9358131
00:01:01.739 --> 00:01:02.399 of care.
NOTE Confidence: 0.96997404
00:01:03.015 --> 00:01:03.515 We're
NOTE Confidence: 0.9998677
00:01:04.935 --> 00:01:06.935 really excited to be joined
NOTE Confidence: 0.9998677
00:01:06.935 --> 00:01:08.155 by so many leaders,
NOTE Confidence: 0.98762125
00:01:08.694 --> 00:01:11.115 managers, and mental health, practitioners
NOTE Confidence: 0.98762125
00:01:11.255 --> 00:01:12.455 who are invested in the
NOTE Confidence: 0.98762125
00:01:12.455 --> 00:01:12.955 well-being
NOTE Confidence: 0.9952393
00:01:13.334 --> 00:01:14.694 of young people with recent
NOTE Confidence: 0.9952393
00:01:14.694 --> 00:01:16.155 onset psychotic disorders.
NOTE Confidence: 0.98845404
00:01:17.229 --> 00:01:18.590 So we're really eager and
NOTE Confidence: 0.98845404

00:01:18.590 --> 00:01:19.709 excited to get to know
NOTE Confidence: 0.98845404

00:01:19.709 --> 00:01:20.990 all of you better and
NOTE Confidence: 0.98845404

00:01:20.990 --> 00:01:23.090 build ongoing relationships with you.
NOTE Confidence: 0.9965565

00:01:24.270 --> 00:01:25.630 For the interest of time,
NOTE Confidence: 0.9965565

00:01:25.630 --> 00:01:27.469 we ask that everyone introduce
NOTE Confidence: 0.9965565

00:01:27.469 --> 00:01:27.969 themselves
NOTE Confidence: 0.99911135

00:01:28.270 --> 00:01:29.950 in the chat. Feel free
NOTE Confidence: 0.99911135

00:01:29.950 --> 00:01:31.155 to just type in your
NOTE Confidence: 0.99911135

00:01:31.155 --> 00:01:31.655 name,
NOTE Confidence: 0.99706984

00:01:32.274 --> 00:01:32.774 organization,
NOTE Confidence: 0.99982697

00:01:33.634 --> 00:01:34.595 and the role that you
NOTE Confidence: 0.99982697

00:01:34.595 --> 00:01:35.095 hold.
NOTE Confidence: 0.99007326

00:01:43.770 --> 00:01:45.209 So I'll take a couple
NOTE Confidence: 0.99007326

00:01:45.209 --> 00:01:47.050 minutes to just orient everyone
NOTE Confidence: 0.99007326

00:01:47.050 --> 00:01:47.870 to the course,
NOTE Confidence: 0.99978083

00:01:48.490 --> 00:01:49.610 before we get into the

NOTE Confidence: 0.99978083

00:01:49.610 --> 00:01:50.890 bulk of the content for

NOTE Confidence: 0.99978083

00:01:50.890 --> 00:01:51.390 today.

NOTE Confidence: 0.9866139

00:01:52.090 --> 00:01:53.550 So, again, this is our

NOTE Confidence: 0.9633751

00:01:53.930 --> 00:01:56.110 overview of early intervention services

NOTE Confidence: 0.9633751

00:01:56.170 --> 00:01:56.910 for schizophrenia,

NOTE Confidence: 0.9991686

00:01:58.695 --> 00:01:59.915 six week course.

NOTE Confidence: 0.9976139

00:02:00.455 --> 00:02:02.215 Here's the the overview of

NOTE Confidence: 0.9976139

00:02:02.215 --> 00:02:03.755 our next six sessions,

NOTE Confidence: 0.9963495

00:02:04.295 --> 00:02:05.515 which will be held on,

NOTE Confidence: 0.9969169

00:02:05.975 --> 00:02:07.035 upcoming Thursdays.

NOTE Confidence: 0.9949178

00:02:09.415 --> 00:02:10.500 We hope that,

NOTE Confidence: 0.99123573

00:02:10.980 --> 00:02:12.580 after participating, you all will

NOTE Confidence: 0.99123573

00:02:12.580 --> 00:02:13.800 leave with a foundation,

NOTE Confidence: 0.9626038

00:02:14.740 --> 00:02:16.180 a foundational knowledge in the

NOTE Confidence: 0.9626038

00:02:16.180 --> 00:02:16.680 research,

NOTE Confidence: 0.9856359

00:02:17.139 --> 00:02:17.639 evidence,
NOTE Confidence: 0.99931705

00:02:18.260 --> 00:02:19.700 and a clear understanding of
NOTE Confidence: 0.99931705

00:02:19.700 --> 00:02:20.520 the structures,
NOTE Confidence: 0.98623705

00:02:21.060 --> 00:02:22.740 processes, and outcomes that can
NOTE Confidence: 0.98623705

00:02:22.740 --> 00:02:23.240 guide,
NOTE Confidence: 0.99969256

00:02:23.860 --> 00:02:24.360 implementation
NOTE Confidence: 0.99961394

00:02:25.220 --> 00:02:25.720 of
NOTE Confidence: 0.964224

00:02:26.155 --> 00:02:27.834 steps for early intervention service
NOTE Confidence: 0.964224

00:02:27.834 --> 00:02:28.655 care pathway.
NOTE Confidence: 0.999904

00:02:29.674 --> 00:02:30.555 We hope that this will
NOTE Confidence: 0.999904

00:02:30.555 --> 00:02:32.095 enable you all to prepare
NOTE Confidence: 0.976239

00:02:32.474 --> 00:02:34.334 your respective health care organizations
NOTE Confidence: 0.9983661

00:02:35.275 --> 00:02:36.415 to be able to participate
NOTE Confidence: 0.9983661

00:02:36.474 --> 00:02:38.474 in an emerging statewide system
NOTE Confidence: 0.9983661

00:02:38.474 --> 00:02:40.610 of care for individuals experiencing
NOTE Confidence: 0.9983661

00:02:40.829 --> 00:02:42.689 recent onset psychotic disorders.

NOTE Confidence: 0.9985632

00:02:45.230 --> 00:02:45.889 For those

NOTE Confidence: 0.9962269

00:02:46.269 --> 00:02:48.030 looking for additional information, you

NOTE Confidence: 0.9962269

00:02:48.030 --> 00:02:48.829 can find,

NOTE Confidence: 0.98708665

00:02:49.150 --> 00:02:50.030 a bit more in that

NOTE Confidence: 0.98708665

00:02:50.030 --> 00:02:51.790 course syllabus that Nina sent

NOTE Confidence: 0.98708665

00:02:51.790 --> 00:02:53.090 out to you all yesterday,

NOTE Confidence: 0.98708665

00:02:53.385 --> 00:02:54.584 and I'm also happy to

NOTE Confidence: 0.98708665

00:02:54.584 --> 00:02:56.185 to resend that in a

NOTE Confidence: 0.98708665

00:02:56.185 --> 00:02:57.325 a subsequent email.

NOTE Confidence: 0.9995675

00:03:00.584 --> 00:03:02.025 So before we dive into

NOTE Confidence: 0.9995675

00:03:02.025 --> 00:03:03.004 today's content,

NOTE Confidence: 0.9883241

00:03:03.305 --> 00:03:04.105 I wanted to take a

NOTE Confidence: 0.9883241

00:03:04.105 --> 00:03:05.544 moment to just orient you

NOTE Confidence: 0.9883241

00:03:05.544 --> 00:03:07.004 to the step learning collaborative.

NOTE Confidence: 0.997149

00:03:08.340 --> 00:03:09.139 So for those of you

NOTE Confidence: 0.997149

00:03:09.139 --> 00:03:11.060 who, haven't been familiar with
NOTE Confidence: 0.997149

00:03:11.060 --> 00:03:11.800 this initiative,
NOTE Confidence: 0.9736065

00:03:12.740 --> 00:03:14.660 it's a workforce development and
NOTE Confidence: 0.9736065

00:03:14.660 --> 00:03:16.280 community education initiative
NOTE Confidence: 0.94075227

00:03:16.900 --> 00:03:18.760 to bolster provider capacity,
NOTE Confidence: 0.95123506

00:03:19.540 --> 00:03:21.294 to better serve folks, who
NOTE Confidence: 0.95123506

00:03:21.294 --> 00:03:23.635 are experiencing recent onset schizophrenia
NOTE Confidence: 0.95123506

00:03:23.855 --> 00:03:25.535 spectrum disorders across of our
NOTE Confidence: 0.95123506

00:03:25.535 --> 00:03:26.514 state of Connecticut.
NOTE Confidence: 0.99948895

00:03:28.095 --> 00:03:28.595 So
NOTE Confidence: 0.94890666

00:03:29.375 --> 00:03:30.975 when there's the overall goal
NOTE Confidence: 0.94890666

00:03:30.975 --> 00:03:32.595 and vision, which doctor Sriheri
NOTE Confidence: 0.94890666

00:03:32.655 --> 00:03:34.095 will talk about in more
NOTE Confidence: 0.94890666

00:03:34.095 --> 00:03:35.970 depth, but that we we
NOTE Confidence: 0.94890666

00:03:35.970 --> 00:03:36.470 imagine,
NOTE Confidence: 0.98171824

00:03:37.489 --> 00:03:38.370 we have an end goal

NOTE Confidence: 0.98171824
00:03:38.370 --> 00:03:39.730 of no matter which ZIP
NOTE Confidence: 0.98171824
00:03:39.730 --> 00:03:41.909 code an individual experiencing
NOTE Confidence: 0.98585534
00:03:42.769 --> 00:03:44.209 psychosis lives in, that they'd
NOTE Confidence: 0.98585534
00:03:44.209 --> 00:03:45.269 be able to rapidly
NOTE Confidence: 0.9961255
00:03:45.569 --> 00:03:47.650 access high quality care in
NOTE Confidence: 0.9961255
00:03:47.650 --> 00:03:48.709 our state of Connecticut.
NOTE Confidence: 0.98246056
00:03:50.405 --> 00:03:51.605 So over the past several
NOTE Confidence: 0.98246056
00:03:51.605 --> 00:03:53.765 years, the learning collaborative has
NOTE Confidence: 0.98246056
00:03:53.765 --> 00:03:55.225 provided various offerings,
NOTE Confidence: 0.99978745
00:03:56.005 --> 00:03:57.625 to different stakeholder groups.
NOTE Confidence: 0.9806366
00:03:58.165 --> 00:03:59.545 We have had a focus,
NOTE Confidence: 0.99835163
00:04:00.325 --> 00:04:01.945 for behavioral health providers.
NOTE Confidence: 0.9997013
00:04:02.405 --> 00:04:04.120 We've been developing this course
NOTE Confidence: 0.9997013
00:04:04.120 --> 00:04:05.160 that we're offering to you
NOTE Confidence: 0.9997013
00:04:05.160 --> 00:04:05.660 now.
NOTE Confidence: 0.96571034

00:04:06.040 --> 00:04:07.420 We've previously run,
NOTE Confidence: 0.93028474

00:04:08.040 --> 00:04:10.120 an early psychosis echo, which
NOTE Confidence: 0.93028474

00:04:10.120 --> 00:04:11.180 was focused on
NOTE Confidence: 0.99178857

00:04:11.720 --> 00:04:13.320 providers across the state bringing
NOTE Confidence: 0.99178857

00:04:13.320 --> 00:04:14.700 in different case discussions
NOTE Confidence: 0.9820784

00:04:15.405 --> 00:04:16.125 as well as,
NOTE Confidence: 0.985845

00:04:16.764 --> 00:04:18.305 step kind of content experts
NOTE Confidence: 0.985845

00:04:18.445 --> 00:04:20.525 offering brief didactics about best
NOTE Confidence: 0.985845

00:04:20.525 --> 00:04:22.945 practices for early psychosis care.
NOTE Confidence: 0.99974895

00:04:23.884 --> 00:04:25.745 We periodically offer webinars
NOTE Confidence: 0.9614615

00:04:26.525 --> 00:04:27.425 for providers.
NOTE Confidence: 0.9868536

00:04:28.100 --> 00:04:29.080 And then we also,
NOTE Confidence: 0.97131926

00:04:30.180 --> 00:04:31.620 aim to serve and engage
NOTE Confidence: 0.97131926

00:04:31.620 --> 00:04:33.540 with the community and various
NOTE Confidence: 0.97131926

00:04:33.540 --> 00:04:35.080 stakeholders, so including
NOTE Confidence: 0.98124576

00:04:35.700 --> 00:04:36.200 family,

NOTE Confidence: 0.99849415
00:04:36.740 --> 00:04:38.440 and just other interested community
NOTE Confidence: 0.99849415
00:04:38.500 --> 00:04:39.000 stakeholders
NOTE Confidence: 0.95091563
00:04:39.460 --> 00:04:40.839 through different types of workshops,
NOTE Confidence: 0.95091563
00:04:41.060 --> 00:04:41.560 including,
NOTE Confidence: 0.99589884
00:04:42.095 --> 00:04:43.695 you know, learning strategies for
NOTE Confidence: 0.99589884
00:04:43.695 --> 00:04:45.535 talking with someone experiencing early
NOTE Confidence: 0.99589884
00:04:45.535 --> 00:04:46.035 psychosis,
NOTE Confidence: 0.9652166
00:04:48.015 --> 00:04:49.535 seminars to help kinda break
NOTE Confidence: 0.9652166
00:04:49.535 --> 00:04:50.895 the stigma or learn how
NOTE Confidence: 0.9652166
00:04:50.895 --> 00:04:53.055 to interact with mobile crisis
NOTE Confidence: 0.9652166
00:04:53.055 --> 00:04:53.955 teams during
NOTE Confidence: 0.9145381
00:04:54.720 --> 00:04:55.860 a crisis situation.
NOTE Confidence: 0.99493915
00:04:56.639 --> 00:04:57.919 And then we also maintain
NOTE Confidence: 0.99493915
00:04:57.919 --> 00:04:59.699 a variety of virtual resources
NOTE Confidence: 0.961768
00:05:00.160 --> 00:05:01.779 and encourage you all to
NOTE Confidence: 0.961768

00:05:01.839 --> 00:05:02.880 to check out our website
NOTE Confidence: 0.961768

00:05:02.880 --> 00:05:04.160 if you haven't already at
NOTE Confidence: 0.961768

00:05:04.160 --> 00:05:04.660 ctearlypsychosisnetwork
NOTE Confidence: 0.9984668

00:05:06.000 --> 00:05:06.740 dot org.
NOTE Confidence: 0.95889115

00:05:11.675 --> 00:05:12.175 So,
NOTE Confidence: 0.9870626

00:05:13.035 --> 00:05:14.315 this slide, which we hope
NOTE Confidence: 0.9870626

00:05:14.315 --> 00:05:16.154 you'll get become very well
NOTE Confidence: 0.9870626

00:05:16.154 --> 00:05:17.675 acquainted with over the next
NOTE Confidence: 0.9870626

00:05:17.675 --> 00:05:18.415 six weeks,
NOTE Confidence: 0.95682096

00:05:20.635 --> 00:05:22.654 this overview course is organized
NOTE Confidence: 0.95682096

00:05:22.795 --> 00:05:24.389 around the step service care
NOTE Confidence: 0.95682096

00:05:24.389 --> 00:05:25.589 pathway, which you can see
NOTE Confidence: 0.95682096

00:05:25.589 --> 00:05:26.570 outlined here.
NOTE Confidence: 0.936933

00:05:28.229 --> 00:05:30.150 So each session well, today's
NOTE Confidence: 0.936933

00:05:30.150 --> 00:05:31.029 kind of an, you know,
NOTE Confidence: 0.936933

00:05:31.029 --> 00:05:32.470 introduction and overview, but each

NOTE Confidence: 0.936933
00:05:32.470 --> 00:05:34.470 subsequent session will focus on
NOTE Confidence: 0.936933
00:05:34.470 --> 00:05:35.610 one of these modules,
NOTE Confidence: 0.96318007
00:05:36.229 --> 00:05:37.635 that make up the step
NOTE Confidence: 0.96318007
00:05:37.635 --> 00:05:38.855 service care pathway.
NOTE Confidence: 0.98582417
00:05:39.555 --> 00:05:40.615 And as a reminder,
NOTE Confidence: 0.99959904
00:05:41.075 --> 00:05:42.275 the goal of the overview
NOTE Confidence: 0.99959904
00:05:42.275 --> 00:05:43.795 course would really be to
NOTE Confidence: 0.99959904
00:05:43.795 --> 00:05:44.935 support your understanding
NOTE Confidence: 0.99917674
00:05:45.315 --> 00:05:46.214 of the structures,
NOTE Confidence: 0.9987913
00:05:46.595 --> 00:05:48.195 processes, and outcomes that can
NOTE Confidence: 0.9987913
00:05:48.195 --> 00:05:49.014 guide implementation
NOTE Confidence: 0.99963796
00:05:49.714 --> 00:05:51.014 of such a care pathway.
NOTE Confidence: 0.97468656
00:05:53.640 --> 00:05:54.680 So we will talk about
NOTE Confidence: 0.97468656
00:05:54.680 --> 00:05:55.980 each of these. They include
NOTE Confidence: 0.97468656
00:05:56.040 --> 00:05:56.860 early detection,
NOTE Confidence: 0.9998441

00:05:58.120 --> 00:05:58.620 evaluation
NOTE Confidence: 0.9461217

00:05:58.920 --> 00:06:00.460 and initiation of treatment,
NOTE Confidence: 0.99964416

00:06:01.880 --> 00:06:03.020 continuing care
NOTE Confidence: 0.8756802

00:06:03.560 --> 00:06:05.420 in coordinated specialty care,
NOTE Confidence: 0.9449002

00:06:05.755 --> 00:06:07.535 and then lastly, care transition.
NOTE Confidence: 0.9656241

00:06:08.154 --> 00:06:09.275 So you can see that
NOTE Confidence: 0.9656241

00:06:09.275 --> 00:06:10.795 the most of the the
NOTE Confidence: 0.9656241

00:06:10.795 --> 00:06:12.075 sessions will align with one
NOTE Confidence: 0.9656241

00:06:12.075 --> 00:06:12.975 of these modules.
NOTE Confidence: 0.90493536

00:06:14.795 --> 00:06:15.915 So now I will hand
NOTE Confidence: 0.90493536

00:06:15.915 --> 00:06:17.295 it over to doctor Srihari
NOTE Confidence: 0.9950226

00:06:17.770 --> 00:06:18.969 who will lead us on
NOTE Confidence: 0.9950226

00:06:18.969 --> 00:06:20.830 an introduction to early intervention
NOTE Confidence: 0.9950226

00:06:20.969 --> 00:06:22.669 for schizophrenia in Connecticut.
NOTE Confidence: 0.9711572

00:06:26.330 --> 00:06:28.189 Thanks, Laura, and thanks everyone
NOTE Confidence: 0.9711572

00:06:28.250 --> 00:06:30.009 for putting in your names

NOTE Confidence: 0.9711572
00:06:30.009 --> 00:06:31.129 and roles on the chat.
NOTE Confidence: 0.9711572
00:06:31.129 --> 00:06:32.089 It's really great to see
NOTE Confidence: 0.9711572
00:06:32.089 --> 00:06:34.154 the diversity of expertise and
NOTE Confidence: 0.9711572
00:06:34.154 --> 00:06:35.755 also the different regions of
NOTE Confidence: 0.9711572
00:06:35.755 --> 00:06:37.055 the state that are represented.
NOTE Confidence: 0.9778882
00:06:38.555 --> 00:06:39.995 My task here is to
NOTE Confidence: 0.9778882
00:06:39.995 --> 00:06:42.235 cover some key concepts by
NOTE Confidence: 0.9778882
00:06:42.235 --> 00:06:43.135 way of introducing
NOTE Confidence: 0.97295266
00:06:43.835 --> 00:06:45.775 the rest of the sessions.
NOTE Confidence: 0.6722274
00:06:46.230 --> 00:06:46.730 And
NOTE Confidence: 0.98244566
00:06:48.070 --> 00:06:49.430 my goal here by the
NOTE Confidence: 0.98244566
00:06:49.430 --> 00:06:50.470 end of this session is
NOTE Confidence: 0.98244566
00:06:50.470 --> 00:06:52.150 to give you a sense
NOTE Confidence: 0.98244566
00:06:52.150 --> 00:06:53.850 of how we've constructed
NOTE Confidence: 0.98867047
00:06:54.310 --> 00:06:54.810 and
NOTE Confidence: 0.95022964

00:06:55.270 --> 00:06:56.710 tested the model of care
NOTE Confidence: 0.95022964

00:06:56.710 --> 00:06:57.990 that we've been providing at
NOTE Confidence: 0.95022964

00:06:57.990 --> 00:06:58.485 STEP.
NOTE Confidence: 0.99233323

00:06:58.884 --> 00:07:00.485 And as Laura mentioned, to
NOTE Confidence: 0.99233323

00:07:00.485 --> 00:07:02.085 help you think about ways
NOTE Confidence: 0.99233323

00:07:02.085 --> 00:07:03.284 in which this this might
NOTE Confidence: 0.99233323

00:07:03.284 --> 00:07:03.944 be relevant
NOTE Confidence: 0.9583719

00:07:04.404 --> 00:07:05.925 or which aspects of this
NOTE Confidence: 0.9583719

00:07:05.925 --> 00:07:07.125 might be relevant to your
NOTE Confidence: 0.9583719

00:07:07.125 --> 00:07:08.185 own organizations
NOTE Confidence: 0.98926836

00:07:09.205 --> 00:07:10.740 as we start thinking about
NOTE Confidence: 0.98926836

00:07:11.060 --> 00:07:13.460 partnering with, agencies across the
NOTE Confidence: 0.98926836

00:07:13.460 --> 00:07:14.520 state to improve,
NOTE Confidence: 0.9392977

00:07:15.220 --> 00:07:17.300 pathways to care and outcomes
NOTE Confidence: 0.9392977

00:07:17.300 --> 00:07:19.780 of treatment for early course
NOTE Confidence: 0.9392977

00:07:19.780 --> 00:07:20.280 schizophrenia.

NOTE Confidence: 0.9931984
00:07:21.220 --> 00:07:21.940 We can go to the
NOTE Confidence: 0.9931984
00:07:21.940 --> 00:07:22.680 next slide.
NOTE Confidence: 0.9474343
00:07:26.695 --> 00:07:27.195 So,
NOTE Confidence: 0.99431336
00:07:28.215 --> 00:07:29.915 as a as a review
NOTE Confidence: 0.976952
00:07:30.695 --> 00:07:32.615 to describe maybe what our
NOTE Confidence: 0.976952
00:07:32.615 --> 00:07:33.595 target illnesses
NOTE Confidence: 0.9534012
00:07:33.975 --> 00:07:36.155 are, we're speaking here about,
NOTE Confidence: 0.9213532
00:07:37.120 --> 00:07:37.620 syndromes.
NOTE Confidence: 0.99725646
00:07:38.000 --> 00:07:39.300 So these include
NOTE Confidence: 0.99861515
00:07:40.000 --> 00:07:40.500 subjective
NOTE Confidence: 0.97792846
00:07:41.120 --> 00:07:43.120 symptoms, but also signs that
NOTE Confidence: 0.97792846
00:07:43.120 --> 00:07:43.940 can be observed
NOTE Confidence: 0.9863089
00:07:44.400 --> 00:07:46.000 that typically fall into five
NOTE Confidence: 0.9863089
00:07:46.000 --> 00:07:47.440 clusters. The first that are
NOTE Confidence: 0.9863089
00:07:47.440 --> 00:07:48.740 often the most familiar
NOTE Confidence: 0.96278673

00:07:49.384 --> 00:07:50.745 even to non clinicians are
NOTE Confidence: 0.96278673

00:07:50.745 --> 00:07:52.345 the so called positive symptoms
NOTE Confidence: 0.96278673

00:07:52.345 --> 00:07:53.705 that sometimes get referred to
NOTE Confidence: 0.96278673

00:07:53.705 --> 00:07:56.205 as psychosis or psychotic symptoms.
NOTE Confidence: 0.96278673

00:07:56.345 --> 00:07:59.245 The reality distortion, delusions, hallucinations,
NOTE Confidence: 0.99861604

00:08:00.025 --> 00:08:01.405 and the kinds of disorganization
NOTE Confidence: 0.9971835

00:08:02.104 --> 00:08:03.405 that can be very evident
NOTE Confidence: 0.9971835

00:08:03.625 --> 00:08:04.445 even to
NOTE Confidence: 0.9577806

00:08:04.960 --> 00:08:05.540 an untrained,
NOTE Confidence: 0.99481565

00:08:06.080 --> 00:08:07.280 eye. So these are the
NOTE Confidence: 0.99481565

00:08:07.280 --> 00:08:08.260 positive symptoms.
NOTE Confidence: 0.9772165

00:08:08.960 --> 00:08:10.020 In the next slide,
NOTE Confidence: 0.9737145

00:08:10.560 --> 00:08:12.500 you will see a description
NOTE Confidence: 0.9737145

00:08:12.560 --> 00:08:13.940 here of the negative symptoms,
NOTE Confidence: 0.96441156

00:08:15.680 --> 00:08:17.220 maybe better described as
NOTE Confidence: 0.96681356

00:08:18.495 --> 00:08:20.195 signs that can be observed

NOTE Confidence: 0.96681356

00:08:20.255 --> 00:08:22.275 again that are an absence

NOTE Confidence: 0.96681356

00:08:22.335 --> 00:08:23.375 of what we would all

NOTE Confidence: 0.96681356

00:08:23.375 --> 00:08:25.075 count on as normal functioning.

NOTE Confidence: 0.97985965

00:08:25.455 --> 00:08:26.655 So a severe lack of

NOTE Confidence: 0.97985965

00:08:26.655 --> 00:08:27.155 motivation,

NOTE Confidence: 0.96487296

00:08:28.895 --> 00:08:30.895 lack of spontaneous speech. In

NOTE Confidence: 0.96487296

00:08:30.895 --> 00:08:32.940 many ways, the most disabling

NOTE Confidence: 0.96487296

00:08:33.000 --> 00:08:34.380 aspects of these illnesses,

NOTE Confidence: 0.9383758

00:08:35.160 --> 00:08:36.139 that can explain,

NOTE Confidence: 0.9980136

00:08:36.920 --> 00:08:38.779 long term dysfunction and morbidity.

NOTE Confidence: 0.99832964

00:08:39.880 --> 00:08:40.380 Interestingly,

NOTE Confidence: 0.99935555

00:08:41.240 --> 00:08:42.380 these symptoms

NOTE Confidence: 0.8648769

00:08:43.160 --> 00:08:43.899 or signs

NOTE Confidence: 0.83437705

00:08:44.885 --> 00:08:45.385 can,

NOTE Confidence: 0.9748815

00:08:46.325 --> 00:08:48.085 include a normal ability to

NOTE Confidence: 0.9748815

00:08:48.085 --> 00:08:49.065 enjoy pleasure,
NOTE Confidence: 0.9968039

00:08:49.525 --> 00:08:50.025 but
NOTE Confidence: 0.9533328

00:08:50.565 --> 00:08:51.125 do not,
NOTE Confidence: 0.9782342

00:08:51.525 --> 00:08:53.465 include an ability to anticipate
NOTE Confidence: 0.9782342

00:08:53.605 --> 00:08:54.965 or to plan ahead for
NOTE Confidence: 0.9782342

00:08:54.965 --> 00:08:56.804 this. And it often will
NOTE Confidence: 0.9782342

00:08:56.804 --> 00:08:58.985 present with someone whose parents
NOTE Confidence: 0.9782342

00:08:59.045 --> 00:09:00.779 might complain that the person
NOTE Confidence: 0.9782342

00:09:00.779 --> 00:09:02.140 is quite willing to join
NOTE Confidence: 0.9782342

00:09:02.140 --> 00:09:03.660 them in a recreational activity
NOTE Confidence: 0.9782342

00:09:03.660 --> 00:09:05.120 and appears to enjoy it,
NOTE Confidence: 0.9782342

00:09:05.260 --> 00:09:07.420 but will not initiate or
NOTE Confidence: 0.9782342

00:09:07.420 --> 00:09:09.580 or demonstrate any motivation to
NOTE Confidence: 0.9782342

00:09:09.580 --> 00:09:11.120 organize or plan it themselves.
NOTE Confidence: 0.9782342

00:09:11.420 --> 00:09:12.700 And you might imagine how
NOTE Confidence: 0.9782342

00:09:12.700 --> 00:09:14.084 this can be a huge

NOTE Confidence: 0.9782342
00:09:14.084 --> 00:09:15.925 source of social disability in
NOTE Confidence: 0.9782342
00:09:15.925 --> 00:09:16.824 a young adult,
NOTE Confidence: 0.9770059
00:09:17.445 --> 00:09:18.964 who is expected to be
NOTE Confidence: 0.9770059
00:09:18.964 --> 00:09:20.005 able to form their own
NOTE Confidence: 0.9770059
00:09:20.005 --> 00:09:21.704 social networks at that age.
NOTE Confidence: 0.955029
00:09:22.404 --> 00:09:24.165 The next slide describes a
NOTE Confidence: 0.955029
00:09:24.165 --> 00:09:26.024 couple of other at clusters
NOTE Confidence: 0.955029
00:09:26.084 --> 00:09:27.704 that are less well
NOTE Confidence: 0.9862989
00:09:28.005 --> 00:09:28.505 appreciated.
NOTE Confidence: 0.98245645
00:09:29.710 --> 00:09:31.170 So the cognitive deficits,
NOTE Confidence: 0.9812163
00:09:31.790 --> 00:09:33.309 of these illnesses can be
NOTE Confidence: 0.9812163
00:09:33.309 --> 00:09:34.770 quite disabling as well,
NOTE Confidence: 0.9955706
00:09:35.150 --> 00:09:36.529 but are often subclinical.
NOTE Confidence: 0.9642478
00:09:36.830 --> 00:09:38.190 They're difficult to observe in
NOTE Confidence: 0.9642478
00:09:38.190 --> 00:09:39.650 usual clinical interactions,
NOTE Confidence: 0.96102375

00:09:40.110 --> 00:09:41.970 although they are, easily
NOTE Confidence: 0.9706217

00:09:42.429 --> 00:09:44.690 measurable in more detailed neuropsychological
NOTE Confidence: 0.9265653

00:09:45.285 --> 00:09:45.785 testing.
NOTE Confidence: 0.90744287

00:09:46.404 --> 00:09:48.184 And, again, like negative symptoms,
NOTE Confidence: 0.9983945

00:09:48.565 --> 00:09:50.324 explain much of the long
NOTE Confidence: 0.9983945

00:09:50.324 --> 00:09:52.345 term disability of these illnesses.
NOTE Confidence: 0.97737604

00:09:53.045 --> 00:09:54.964 And finally, the clusters that
NOTE Confidence: 0.97737604

00:09:54.964 --> 00:09:57.464 overlap significantly with mood disorders
NOTE Confidence: 0.97737604

00:09:57.605 --> 00:09:58.105 include
NOTE Confidence: 0.9803533

00:09:58.509 --> 00:09:59.009 dysregulations
NOTE Confidence: 0.9874216

00:09:59.790 --> 00:10:01.389 that look like depression and
NOTE Confidence: 0.9874216

00:10:01.389 --> 00:10:02.910 can also look like florid
NOTE Confidence: 0.9874216

00:10:02.910 --> 00:10:04.910 mania. And so in in
NOTE Confidence: 0.9874216

00:10:04.910 --> 00:10:06.209 these five clusters,
NOTE Confidence: 0.97102803

00:10:06.670 --> 00:10:08.429 I've described to you, a
NOTE Confidence: 0.97102803

00:10:08.429 --> 00:10:10.110 syndromal picture that is, I'm

NOTE Confidence: 0.97102803

00:10:10.110 --> 00:10:11.470 sure, familiar to to many

NOTE Confidence: 0.97102803

00:10:11.470 --> 00:10:12.130 of you

NOTE Confidence: 0.98962677

00:10:12.584 --> 00:10:14.904 that probably includes several different

NOTE Confidence: 0.98962677

00:10:14.904 --> 00:10:16.365 diseases that we currently

NOTE Confidence: 0.9180319

00:10:16.745 --> 00:10:19.064 today cluster as schizophrenia or

NOTE Confidence: 0.9180319

00:10:19.064 --> 00:10:19.804 the schizophrenias.

NOTE Confidence: 0.9573215

00:10:20.504 --> 00:10:21.785 I think the next slide,

NOTE Confidence: 0.98645204

00:10:23.144 --> 00:10:25.384 will will describe how we

NOTE Confidence: 0.98645204

00:10:25.384 --> 00:10:27.064 currently classify this in the

NOTE Confidence: 0.98645204

00:10:27.064 --> 00:10:28.820 DSM five. And,

NOTE Confidence: 0.83668554

00:10:30.960 --> 00:10:31.440 one,

NOTE Confidence: 0.93468034

00:10:32.000 --> 00:10:33.440 psychiatrist has described this as

NOTE Confidence: 0.93468034

00:10:33.440 --> 00:10:35.300 a field guide much like

NOTE Confidence: 0.9894606

00:10:35.679 --> 00:10:36.800 a a book that has

NOTE Confidence: 0.9894606

00:10:36.800 --> 00:10:38.640 pictures of birds that if

NOTE Confidence: 0.9894606

00:10:38.640 --> 00:10:39.600 one were to enter a
NOTE Confidence: 0.9894606

00:10:39.600 --> 00:10:41.620 forest, one could reliably identify
NOTE Confidence: 0.9894606

00:10:41.840 --> 00:10:42.820 and name them.
NOTE Confidence: 0.9593534

00:10:43.585 --> 00:10:44.625 And the point here, of
NOTE Confidence: 0.9593534

00:10:44.625 --> 00:10:46.304 course, is that they're quite
NOTE Confidence: 0.9593534

00:10:46.304 --> 00:10:47.745 reliable in that it helps
NOTE Confidence: 0.9593534

00:10:47.745 --> 00:10:49.265 us have a common language
NOTE Confidence: 0.9593534

00:10:49.265 --> 00:10:49.925 to describe,
NOTE Confidence: 0.9790448

00:10:50.865 --> 00:10:52.165 aspects of the syndromes.
NOTE Confidence: 0.97692335

00:10:52.705 --> 00:10:54.725 But, there has been,
NOTE Confidence: 0.9703084

00:10:55.265 --> 00:10:56.730 lately, a lot of good
NOTE Confidence: 0.9703084

00:10:56.970 --> 00:10:58.889 criticism that this might not
NOTE Confidence: 0.9703084

00:10:58.889 --> 00:11:00.250 quite carve things in the
NOTE Confidence: 0.9703084

00:11:00.250 --> 00:11:01.209 way that we would want
NOTE Confidence: 0.9703084

00:11:01.209 --> 00:11:01.709 to.
NOTE Confidence: 0.9782705

00:11:02.089 --> 00:11:02.589 So,

NOTE Confidence: 0.9353608

00:11:03.529 --> 00:11:04.990 we still find the distinction,

NOTE Confidence: 0.9353608

00:11:05.050 --> 00:11:06.750 though, between the non affective

NOTE Confidence: 0.9353608

00:11:06.809 --> 00:11:08.570 psychotic disorders that I'll now

NOTE Confidence: 0.9353608

00:11:08.570 --> 00:11:09.949 refer to as the schizophrenia

NOTE Confidence: 0.9282955

00:11:10.565 --> 00:11:12.105 from the affect of psychosis.

NOTE Confidence: 0.9282955

00:11:12.245 --> 00:11:13.765 And these are primary mood

NOTE Confidence: 0.9282955

00:11:13.765 --> 00:11:14.265 disorders

NOTE Confidence: 0.9987982

00:11:14.644 --> 00:11:16.105 that may also have

NOTE Confidence: 0.9806967

00:11:16.485 --> 00:11:18.725 positive symptoms or psychotic symptoms

NOTE Confidence: 0.9806967

00:11:18.725 --> 00:11:19.945 as part of their course.

NOTE Confidence: 0.9667284

00:11:20.485 --> 00:11:22.325 In our care model and

NOTE Confidence: 0.9667284

00:11:22.325 --> 00:11:23.925 in the evidence that that

NOTE Confidence: 0.9667284

00:11:23.925 --> 00:11:24.425 follows,

NOTE Confidence: 0.89416367

00:11:25.340 --> 00:11:26.240 I will mostly

NOTE Confidence: 0.9142072

00:11:26.620 --> 00:11:28.540 be referring actually exclusively to

NOTE Confidence: 0.9142072

00:11:28.540 --> 00:11:30.380 the non affective psychotic disorders

NOTE Confidence: 0.9142072

00:11:30.380 --> 00:11:31.200 or the schizophrenias.

NOTE Confidence: 0.9984519

00:11:32.060 --> 00:11:32.880 Next slide.

NOTE Confidence: 0.9864837

00:11:35.020 --> 00:11:36.860 Another feature to keep in

NOTE Confidence: 0.9864837

00:11:36.860 --> 00:11:38.140 mind is there

NOTE Confidence: 0.9896942

00:11:38.495 --> 00:11:39.774 that these are illnesses that

NOTE Confidence: 0.9896942

00:11:39.774 --> 00:11:42.255 typically onset in late adolescence

NOTE Confidence: 0.9896942

00:11:42.255 --> 00:11:43.315 or early adulthood.

NOTE Confidence: 0.9731568

00:11:44.415 --> 00:11:46.415 There is a difference between

NOTE Confidence: 0.9731568

00:11:46.415 --> 00:11:47.074 the genders,

NOTE Confidence: 0.81140375

00:11:47.454 --> 00:11:47.954 and,

NOTE Confidence: 0.979787

00:11:49.375 --> 00:11:50.915 there there has been some

NOTE Confidence: 0.979787

00:11:50.975 --> 00:11:52.415 evidence that there may be

NOTE Confidence: 0.979787

00:11:52.415 --> 00:11:54.280 another spike in the onset

NOTE Confidence: 0.979787

00:11:54.280 --> 00:11:55.340 of of psychosis

NOTE Confidence: 0.9952486

00:11:55.960 --> 00:11:56.860 around the perimenopausal

NOTE Confidence: 0.9490611
00:11:57.320 --> 00:11:58.680 period in females, although this
NOTE Confidence: 0.9490611
00:11:58.680 --> 00:11:59.820 has come under some,
NOTE Confidence: 0.9702961
00:12:01.400 --> 00:12:03.000 critique as well. But the
NOTE Confidence: 0.9702961
00:12:03.000 --> 00:12:04.120 main point here is that
NOTE Confidence: 0.9702961
00:12:04.120 --> 00:12:05.800 this emerges at a time
NOTE Confidence: 0.9702961
00:12:05.800 --> 00:12:07.545 for most people between their
NOTE Confidence: 0.96146196
00:12:08.024 --> 00:12:09.804 late teens and early twenties.
NOTE Confidence: 0.96146196
00:12:10.024 --> 00:12:11.485 That is a particularly vulnerable
NOTE Confidence: 0.96146196
00:12:11.545 --> 00:12:12.524 period for
NOTE Confidence: 0.95735717
00:12:12.985 --> 00:12:14.505 development in general in a
NOTE Confidence: 0.95735717
00:12:14.505 --> 00:12:16.345 time when people are leaving
NOTE Confidence: 0.95735717
00:12:16.345 --> 00:12:17.804 home for college,
NOTE Confidence: 0.99906904
00:12:18.904 --> 00:12:20.365 or beginning relationships
NOTE Confidence: 0.98792523
00:12:20.780 --> 00:12:22.780 or beginning jobs. And so
NOTE Confidence: 0.98792523
00:12:22.780 --> 00:12:24.640 these illnesses can be uniquely
NOTE Confidence: 0.98792523

00:12:24.700 --> 00:12:26.059 disruptive because of the time

NOTE Confidence: 0.98792523

00:12:26.059 --> 00:12:27.100 at which they tend to

NOTE Confidence: 0.98792523

00:12:27.100 --> 00:12:28.640 emerge. Next slide.

NOTE Confidence: 0.9768806

00:12:31.340 --> 00:12:31.820 Oh,

NOTE Confidence: 0.89805865

00:12:32.220 --> 00:12:33.420 yeah. We you can,

NOTE Confidence: 0.98708385

00:12:33.934 --> 00:12:35.054 this is to make the

NOTE Confidence: 0.98708385

00:12:35.054 --> 00:12:35.855 the point I was trying

NOTE Confidence: 0.98708385

00:12:35.855 --> 00:12:37.235 to make earlier, which is,

NOTE Confidence: 0.9526447

00:12:37.934 --> 00:12:39.695 more recent studies that are

NOTE Confidence: 0.9526447

00:12:39.695 --> 00:12:41.535 depicted on top right suggests

NOTE Confidence: 0.9526447

00:12:41.535 --> 00:12:42.035 that

NOTE Confidence: 0.8958075

00:12:42.735 --> 00:12:43.714 the incidence

NOTE Confidence: 0.9994111

00:12:44.735 --> 00:12:45.394 in females

NOTE Confidence: 0.996019

00:12:45.774 --> 00:12:47.135 might actually be spread out

NOTE Confidence: 0.996019

00:12:47.135 --> 00:12:48.675 a lot more than previously

NOTE Confidence: 0.996019

00:12:48.894 --> 00:12:49.394 recognized.

NOTE Confidence: 0.91486
00:12:50.020 --> 00:12:50.920 And the other,
NOTE Confidence: 0.96752113
00:12:51.460 --> 00:12:53.059 fact that's emerging is that
NOTE Confidence: 0.96752113
00:12:53.059 --> 00:12:53.559 most,
NOTE Confidence: 0.9596355
00:12:54.100 --> 00:12:56.120 early intervention clinics like ours
NOTE Confidence: 0.9596355
00:12:56.260 --> 00:12:57.460 should expect to see a
NOTE Confidence: 0.9596355
00:12:57.460 --> 00:12:59.460 preponderance of males and just
NOTE Confidence: 0.9596355
00:12:59.460 --> 00:13:01.140 because of the nature of
NOTE Confidence: 0.9596355
00:13:01.140 --> 00:13:02.740 the age of onset of
NOTE Confidence: 0.9596355
00:13:02.740 --> 00:13:03.480 these illnesses.
NOTE Confidence: 0.47862622
00:13:04.735 --> 00:13:05.235 Next
NOTE Confidence: 0.9984436
00:13:06.455 --> 00:13:06.955 slide.
NOTE Confidence: 0.9588211
00:13:08.175 --> 00:13:08.675 So,
NOTE Confidence: 0.96702665
00:13:10.255 --> 00:13:11.375 although there are,
NOTE Confidence: 0.993868
00:13:12.095 --> 00:13:13.535 concerns about the way we
NOTE Confidence: 0.993868
00:13:13.535 --> 00:13:14.995 categorize these illnesses,
NOTE Confidence: 0.93379104

00:13:15.695 --> 00:13:17.235 the category of the schizophrenia

NOTE Confidence: 0.93379104

00:13:17.455 --> 00:13:18.735 is still very useful. And

NOTE Confidence: 0.93379104

00:13:18.735 --> 00:13:19.955 in some ways, the slide

NOTE Confidence: 0.93379104

00:13:20.139 --> 00:13:20.639 describes,

NOTE Confidence: 0.96845454

00:13:21.420 --> 00:13:21.920 why.

NOTE Confidence: 0.9917823

00:13:22.540 --> 00:13:23.740 We know a lot about

NOTE Confidence: 0.9917823

00:13:23.740 --> 00:13:26.059 this cluster of syndromes, which

NOTE Confidence: 0.9917823

00:13:26.059 --> 00:13:27.420 is that they tend to

NOTE Confidence: 0.9917823

00:13:27.420 --> 00:13:28.720 have a period,

NOTE Confidence: 0.9399483

00:13:29.420 --> 00:13:30.540 of what we call the

NOTE Confidence: 0.9399483

00:13:30.540 --> 00:13:32.459 premorbid period where there are

NOTE Confidence: 0.9399483

00:13:32.459 --> 00:13:34.699 no discernible symptoms or signs

NOTE Confidence: 0.9399483

00:13:34.699 --> 00:13:35.679 of any illness.

NOTE Confidence: 0.9395989

00:13:36.835 --> 00:13:38.675 So unlike disorders of very

NOTE Confidence: 0.9395989

00:13:38.675 --> 00:13:39.575 early neurodevelopment

NOTE Confidence: 0.9411138

00:13:40.035 --> 00:13:42.195 like autism where typically a

NOTE Confidence: 0.9411138

00:13:42.195 --> 00:13:43.875 clinical diagnosis can be made

NOTE Confidence: 0.9411138

00:13:43.875 --> 00:13:45.075 before the age of four

NOTE Confidence: 0.9411138

00:13:45.075 --> 00:13:46.855 or five and sometimes sooner,

NOTE Confidence: 0.99062985

00:13:48.290 --> 00:13:49.589 the early period,

NOTE Confidence: 0.9479923

00:13:49.970 --> 00:13:51.009 in individuals who will go

NOTE Confidence: 0.9479923

00:13:51.009 --> 00:13:52.449 on to have schizophrenia tends

NOTE Confidence: 0.9479923

00:13:52.449 --> 00:13:54.309 to be remarkable for being

NOTE Confidence: 0.9910676

00:13:55.009 --> 00:13:56.870 without any evidence of abnormalities

NOTE Confidence: 0.9910676

00:13:57.009 --> 00:13:58.149 that are at least detectable

NOTE Confidence: 0.97502846

00:13:58.610 --> 00:14:00.230 with our current, instruments.

NOTE Confidence: 0.9791341

00:14:00.675 --> 00:14:02.275 But for most individuals who

NOTE Confidence: 0.9791341

00:14:02.275 --> 00:14:04.054 end up with a psychotic

NOTE Confidence: 0.9791341

00:14:04.115 --> 00:14:05.875 episode that's in the slide

NOTE Confidence: 0.9791341

00:14:05.875 --> 00:14:07.335 marked as a first episode,

NOTE Confidence: 0.9910832

00:14:07.875 --> 00:14:09.235 there is a period prior

NOTE Confidence: 0.9910832

00:14:09.235 --> 00:14:10.434 to that of the so
NOTE Confidence: 0.9910832

00:14:10.434 --> 00:14:11.335 called prodrome,
NOTE Confidence: 0.99899495

00:14:11.875 --> 00:14:13.315 which is sometimes difficult to
NOTE Confidence: 0.99899495

00:14:13.315 --> 00:14:14.855 distinguish from the
NOTE Confidence: 0.9823931

00:14:15.209 --> 00:14:17.050 challenges of normal development at
NOTE Confidence: 0.9823931

00:14:17.050 --> 00:14:19.050 the time and becomes clear
NOTE Confidence: 0.9823931

00:14:19.050 --> 00:14:20.889 often only in retrospect when
NOTE Confidence: 0.9823931

00:14:20.889 --> 00:14:22.589 family members will say, well,
NOTE Confidence: 0.9823931

00:14:22.730 --> 00:14:24.009 actually, there was this time
NOTE Confidence: 0.9823931

00:14:24.009 --> 00:14:25.689 in middle school when and
NOTE Confidence: 0.9823931

00:14:25.689 --> 00:14:26.670 so on. So
NOTE Confidence: 0.99896866

00:14:27.175 --> 00:14:28.455 this is an active area
NOTE Confidence: 0.99896866

00:14:28.455 --> 00:14:30.155 of research to try to
NOTE Confidence: 0.99896866

00:14:30.375 --> 00:14:30.875 disentangle
NOTE Confidence: 0.99713296

00:14:31.255 --> 00:14:33.095 normal development from what is
NOTE Confidence: 0.99713296

00:14:33.095 --> 00:14:34.615 actually a high risk period

NOTE Confidence: 0.99713296

00:14:34.615 --> 00:14:35.355 for psychosis.

NOTE Confidence: 0.9733536

00:14:36.135 --> 00:14:37.495 But at the first episode

NOTE Confidence: 0.9733536

00:14:37.495 --> 00:14:38.555 is when it becomes,

NOTE Confidence: 0.98606426

00:14:39.825 --> 00:14:41.990 apparent and clear and clinically,

NOTE Confidence: 0.99938333

00:14:43.009 --> 00:14:43.509 reliable

NOTE Confidence: 0.9152326

00:14:44.290 --> 00:14:45.170 or or which is to

NOTE Confidence: 0.9152326

00:14:45.170 --> 00:14:47.110 say that clinicians can reliably

NOTE Confidence: 0.9152326

00:14:47.250 --> 00:14:48.850 detect the presence of an

NOTE Confidence: 0.9152326

00:14:48.850 --> 00:14:51.089 illness, that will benefit from

NOTE Confidence: 0.9152326

00:14:51.089 --> 00:14:51.589 treatment.

NOTE Confidence: 0.984883

00:14:52.290 --> 00:14:54.405 Unfortunately, what follows after that

NOTE Confidence: 0.984883

00:14:54.485 --> 00:14:56.085 is the jagged yellow line

NOTE Confidence: 0.984883

00:14:56.085 --> 00:14:57.525 for most patients, and that's

NOTE Confidence: 0.984883

00:14:57.525 --> 00:14:58.585 meant to signify

NOTE Confidence: 0.9686692

00:14:59.205 --> 00:15:00.345 repeated relapses,

NOTE Confidence: 0.98307884

00:15:00.725 --> 00:15:01.705 often rehospitalizations,
NOTE Confidence: 0.9796589

00:15:03.285 --> 00:15:05.285 periods when individuals are in
NOTE Confidence: 0.9796589

00:15:05.285 --> 00:15:06.485 and then out and then
NOTE Confidence: 0.9796589

00:15:06.485 --> 00:15:07.525 in and then out of
NOTE Confidence: 0.9796589

00:15:07.525 --> 00:15:09.459 care. And over those first
NOTE Confidence: 0.9796589

00:15:09.459 --> 00:15:10.899 three to five periods, which
NOTE Confidence: 0.9796589

00:15:10.899 --> 00:15:12.519 is called the critical period,
NOTE Confidence: 0.9941011

00:15:12.980 --> 00:15:14.579 most of the decline in
NOTE Confidence: 0.9941011

00:15:14.579 --> 00:15:16.279 functioning begins to accumulate.
NOTE Confidence: 0.9982293

00:15:17.060 --> 00:15:18.600 It is a time when
NOTE Confidence: 0.9988455

00:15:19.060 --> 00:15:20.759 individuals will often lose
NOTE Confidence: 0.9939629

00:15:21.155 --> 00:15:23.475 various forms of connection to
NOTE Confidence: 0.9939629

00:15:23.475 --> 00:15:24.915 their community. They might drop
NOTE Confidence: 0.9939629

00:15:24.915 --> 00:15:25.955 out of high school or
NOTE Confidence: 0.9939629

00:15:25.955 --> 00:15:27.475 college. They might lose an
NOTE Confidence: 0.9939629

00:15:27.475 --> 00:15:28.455 important relationship.

NOTE Confidence: 0.9972054

00:15:29.395 --> 00:15:30.855 They might lose their jobs.

NOTE Confidence: 0.95296025

00:15:31.475 --> 00:15:33.015 They may even become homeless.

NOTE Confidence: 0.95296025

00:15:33.155 --> 00:15:34.515 They may become entangled with

NOTE Confidence: 0.95296025

00:15:34.515 --> 00:15:36.339 the criminal justice system. And

NOTE Confidence: 0.95296025

00:15:36.339 --> 00:15:38.020 it's also a period that's

NOTE Confidence: 0.95296025

00:15:38.020 --> 00:15:39.700 at that's of highest risk

NOTE Confidence: 0.95296025

00:15:39.700 --> 00:15:40.440 for suicide,

NOTE Confidence: 0.9671372

00:15:41.540 --> 00:15:43.300 which is much higher than

NOTE Confidence: 0.9671372

00:15:43.300 --> 00:15:44.339 the risk for any kind

NOTE Confidence: 0.9671372

00:15:44.339 --> 00:15:45.700 of aggression, although it is

NOTE Confidence: 0.9671372

00:15:45.700 --> 00:15:47.220 also a period of highest

NOTE Confidence: 0.9671372

00:15:47.220 --> 00:15:49.080 risk for aggression against others.

NOTE Confidence: 0.9528384

00:15:49.584 --> 00:15:50.865 It's also a period when

NOTE Confidence: 0.9528384

00:15:50.865 --> 00:15:52.545 substance use might emerge as

NOTE Confidence: 0.9528384

00:15:52.545 --> 00:15:53.125 a comorbidity.

NOTE Confidence: 0.954031

00:15:53.985 --> 00:15:55.925 And so this period has,
NOTE Confidence: 0.9990106

00:15:57.425 --> 00:15:58.865 brought a lot of interest
NOTE Confidence: 0.9990106

00:15:58.865 --> 00:15:59.685 from investigators
NOTE Confidence: 0.971893

00:16:00.225 --> 00:16:02.385 for several decades now as
NOTE Confidence: 0.971893

00:16:02.385 --> 00:16:03.125 an opportunity
NOTE Confidence: 0.96014977

00:16:03.665 --> 00:16:04.725 appeared in which
NOTE Confidence: 0.9974722

00:16:05.139 --> 00:16:06.500 if we could organize our
NOTE Confidence: 0.9974722

00:16:06.500 --> 00:16:08.260 interventions and deliver them in
NOTE Confidence: 0.9974722

00:16:08.260 --> 00:16:09.779 a way that's acceptable to
NOTE Confidence: 0.9974722

00:16:09.779 --> 00:16:10.600 young individuals,
NOTE Confidence: 0.9907445

00:16:11.060 --> 00:16:12.500 we might prevent much of
NOTE Confidence: 0.9907445

00:16:12.500 --> 00:16:14.339 the morbidity that accumulates over
NOTE Confidence: 0.9907445

00:16:14.339 --> 00:16:15.459 these first three to five
NOTE Confidence: 0.9907445

00:16:15.459 --> 00:16:15.959 years,
NOTE Confidence: 0.96081793

00:16:16.820 --> 00:16:18.019 which would mean that the
NOTE Confidence: 0.96081793

00:16:18.019 --> 00:16:20.084 plateau, which is the the

NOTE Confidence: 0.96081793
00:16:20.084 --> 00:16:21.125 right end of the yellow
NOTE Confidence: 0.96081793
00:16:21.125 --> 00:16:22.805 line where people usually end
NOTE Confidence: 0.96081793
00:16:22.805 --> 00:16:24.805 up, might be lifted and
NOTE Confidence: 0.96081793
00:16:24.805 --> 00:16:26.565 higher, ideally close to where
NOTE Confidence: 0.96081793
00:16:26.565 --> 00:16:28.245 the premorbid line is, but
NOTE Confidence: 0.96081793
00:16:28.245 --> 00:16:29.285 much higher than it is
NOTE Confidence: 0.96081793
00:16:29.285 --> 00:16:29.785 today.
NOTE Confidence: 0.9728853
00:16:30.725 --> 00:16:32.644 And substantially, this is the
NOTE Confidence: 0.9728853
00:16:32.644 --> 00:16:34.839 goal of early intervention services
NOTE Confidence: 0.9728853
00:16:34.839 --> 00:16:36.700 now around the world to
NOTE Confidence: 0.9728853
00:16:36.839 --> 00:16:37.339 deliver,
NOTE Confidence: 0.95437247
00:16:38.120 --> 00:16:39.640 the best treatments we can,
NOTE Confidence: 0.95437247
00:16:39.640 --> 00:16:40.839 organized in the best way
NOTE Confidence: 0.95437247
00:16:40.839 --> 00:16:42.459 we can, and as rapidly
NOTE Confidence: 0.95437247
00:16:42.520 --> 00:16:43.640 as we can after the
NOTE Confidence: 0.95437247

00:16:43.640 --> 00:16:44.540 first episode
NOTE Confidence: 0.9805875

00:16:45.160 --> 00:16:47.065 to lift that plateau and
NOTE Confidence: 0.9805875

00:16:47.065 --> 00:16:48.105 avoid a lot of the
NOTE Confidence: 0.9805875

00:16:48.105 --> 00:16:49.325 unnecessary morbidity
NOTE Confidence: 0.9928454

00:16:49.785 --> 00:16:51.625 and even mortality during this
NOTE Confidence: 0.9928454

00:16:51.625 --> 00:16:52.925 early phase of the illness.
NOTE Confidence: 0.9848138

00:16:54.105 --> 00:16:55.885 So this is the effort
NOTE Confidence: 0.9848138

00:16:55.945 --> 00:16:57.305 to not just improve the
NOTE Confidence: 0.9848138

00:16:57.305 --> 00:16:58.505 quality of care during the
NOTE Confidence: 0.9848138

00:16:58.505 --> 00:17:00.120 critical period, but to also
NOTE Confidence: 0.9848138

00:17:00.120 --> 00:17:01.960 reduce the DUP or the
NOTE Confidence: 0.9848138

00:17:01.960 --> 00:17:03.880 duration of untreated psychosis. The
NOTE Confidence: 0.9848138

00:17:03.880 --> 00:17:06.119 time from psychosis onset to
NOTE Confidence: 0.9848138

00:17:06.119 --> 00:17:06.859 the initiation
NOTE Confidence: 0.9903644

00:17:07.160 --> 00:17:07.660 of,
NOTE Confidence: 0.9985156

00:17:08.119 --> 00:17:09.240 what we would all consider

NOTE Confidence: 0.9985156
00:17:09.240 --> 00:17:10.859 to be best practice care.
NOTE Confidence: 0.9903729
00:17:11.320 --> 00:17:12.619 The two white lines,
NOTE Confidence: 0.97490734
00:17:13.325 --> 00:17:14.605 a and c that you
NOTE Confidence: 0.97490734
00:17:14.605 --> 00:17:15.965 can see are meant to
NOTE Confidence: 0.97490734
00:17:15.965 --> 00:17:17.665 signify that there is heterogeneity.
NOTE Confidence: 0.97490734
00:17:17.885 --> 00:17:19.244 There are some individuals who
NOTE Confidence: 0.97490734
00:17:19.244 --> 00:17:20.445 have a first episode, and
NOTE Confidence: 0.97490734
00:17:20.445 --> 00:17:21.325 as far as we can
NOTE Confidence: 0.97490734
00:17:21.325 --> 00:17:23.185 tell, do not have another.
NOTE Confidence: 0.9915733
00:17:23.565 --> 00:17:24.845 And we don't know much
NOTE Confidence: 0.9915733
00:17:24.845 --> 00:17:26.365 about them because they tend
NOTE Confidence: 0.9915733
00:17:26.365 --> 00:17:27.265 to not accumulate
NOTE Confidence: 0.9960524
00:17:28.130 --> 00:17:29.810 around clinical sites and even
NOTE Confidence: 0.9960524
00:17:29.810 --> 00:17:31.730 research centers. But there is
NOTE Confidence: 0.9960524
00:17:31.730 --> 00:17:33.350 a small minority of individuals
NOTE Confidence: 0.9960524

00:17:33.570 --> 00:17:35.730 who may not require ongoing
NOTE Confidence: 0.9960524

00:17:35.730 --> 00:17:37.330 care, and we still don't
NOTE Confidence: 0.9960524

00:17:37.330 --> 00:17:38.610 know how to predict who
NOTE Confidence: 0.9960524

00:17:38.610 --> 00:17:39.510 those will be.
NOTE Confidence: 0.9723508

00:17:39.994 --> 00:17:41.595 And there is another small
NOTE Confidence: 0.9723508

00:17:41.595 --> 00:17:43.355 minority, eight to nine percent,
NOTE Confidence: 0.9723508

00:17:43.355 --> 00:17:44.895 certainly less than ten percent,
NOTE Confidence: 0.9723508

00:17:45.115 --> 00:17:46.415 who are refractory
NOTE Confidence: 0.99341416

00:17:46.795 --> 00:17:48.795 to our current treatments. And
NOTE Confidence: 0.99341416

00:17:48.795 --> 00:17:49.675 what I mean by that
NOTE Confidence: 0.99341416

00:17:49.675 --> 00:17:51.035 is that we don't yet
NOTE Confidence: 0.99341416

00:17:51.035 --> 00:17:52.715 have good enough treatments to
NOTE Confidence: 0.99341416

00:17:52.715 --> 00:17:54.015 improve their symptoms,
NOTE Confidence: 0.9102981

00:17:54.780 --> 00:17:55.980 and often their level of
NOTE Confidence: 0.9102981

00:17:55.980 --> 00:17:56.480 functioning,
NOTE Confidence: 0.9830951

00:17:57.340 --> 00:17:59.020 but are deserving of our

NOTE Confidence: 0.9830951

00:17:59.020 --> 00:18:00.300 care and are often the

NOTE Confidence: 0.9830951

00:18:00.300 --> 00:18:02.400 individuals who are overrepresented

NOTE Confidence: 0.8826547

00:18:02.940 --> 00:18:03.440 in,

NOTE Confidence: 0.9938662

00:18:03.820 --> 00:18:05.420 community mental health centers and

NOTE Confidence: 0.9938662

00:18:05.420 --> 00:18:06.560 chronic care centers

NOTE Confidence: 0.9466332

00:18:06.865 --> 00:18:08.945 and who require assistance with,

NOTE Confidence: 0.97917134

00:18:09.345 --> 00:18:11.024 activities of daily living, with

NOTE Confidence: 0.97917134

00:18:11.024 --> 00:18:12.404 housing, and so on.

NOTE Confidence: 0.98937577

00:18:13.744 --> 00:18:14.385 You can go to the

NOTE Confidence: 0.98937577

00:18:14.385 --> 00:18:15.125 next slide,

NOTE Confidence: 0.9583155

00:18:16.705 --> 00:18:17.904 Laura. Oh, I I think,

NOTE Confidence: 0.9583155

00:18:18.065 --> 00:18:19.424 this just rehearses what I

NOTE Confidence: 0.9583155

00:18:19.424 --> 00:18:20.625 already said. So,

NOTE Confidence: 0.9988968

00:18:21.859 --> 00:18:22.500 we can go to the

NOTE Confidence: 0.9988968

00:18:22.500 --> 00:18:23.240 next slide.

NOTE Confidence: 0.94582146

00:18:26.020 --> 00:18:26.980 This is to make the
NOTE Confidence: 0.94582146

00:18:26.980 --> 00:18:28.420 point again that there is
NOTE Confidence: 0.94582146

00:18:28.420 --> 00:18:30.119 a lot of prognostic heterogeneity,
NOTE Confidence: 0.94582146

00:18:30.340 --> 00:18:32.600 and, these are individuals
NOTE Confidence: 0.9555898

00:18:34.035 --> 00:18:35.015 on the left,
NOTE Confidence: 0.8957823

00:18:35.555 --> 00:18:37.315 Ellen Sachs, John Nash, and
NOTE Confidence: 0.8957823

00:18:37.315 --> 00:18:38.535 Cecilia who
NOTE Confidence: 0.97644454

00:18:38.915 --> 00:18:39.875 whether or not they had
NOTE Confidence: 0.97644454

00:18:39.875 --> 00:18:41.975 an illness are extraordinary individuals
NOTE Confidence: 0.97644454

00:18:42.195 --> 00:18:43.555 who happen to be afflicted
NOTE Confidence: 0.97644454

00:18:43.555 --> 00:18:45.475 with a psychotic illness and
NOTE Confidence: 0.97644454

00:18:45.475 --> 00:18:47.330 have, either written about it
NOTE Confidence: 0.97644454

00:18:47.330 --> 00:18:48.690 or presented about it in
NOTE Confidence: 0.97644454

00:18:48.690 --> 00:18:50.130 ways that have improved all
NOTE Confidence: 0.97644454

00:18:50.130 --> 00:18:51.410 of our understandings of this
NOTE Confidence: 0.97644454

00:18:51.410 --> 00:18:51.910 illness.

NOTE Confidence: 0.98092294

00:18:52.850 --> 00:18:53.890 And on the bottom right

NOTE Confidence: 0.98092294

00:18:53.890 --> 00:18:54.690 is just to make the

NOTE Confidence: 0.98092294

00:18:54.690 --> 00:18:55.670 point that that,

NOTE Confidence: 0.9942698

00:18:56.130 --> 00:18:57.670 old image of,

NOTE Confidence: 0.91300327

00:18:57.970 --> 00:18:59.654 Felix Garcia, this is a

NOTE Confidence: 0.91300327

00:18:59.654 --> 00:19:01.255 flamenco dancer who was a

NOTE Confidence: 0.91300327

00:19:01.255 --> 00:19:03.115 friend of the painter Picasso,

NOTE Confidence: 0.9256538

00:19:04.054 --> 00:19:05.095 reflects a,

NOTE Confidence: 0.95574147

00:19:05.494 --> 00:19:07.195 is not reflective really

NOTE Confidence: 0.93716854

00:19:07.654 --> 00:19:08.695 of the course of most

NOTE Confidence: 0.93716854

00:19:08.695 --> 00:19:09.595 people with schizophrenia.

NOTE Confidence: 0.9689078

00:19:11.095 --> 00:19:13.034 However, it still occupies

NOTE Confidence: 0.99284106

00:19:13.540 --> 00:19:15.000 much of the public imagination

NOTE Confidence: 0.99284106

00:19:15.220 --> 00:19:17.320 and media representations of psychosis.

NOTE Confidence: 0.993784

00:19:17.700 --> 00:19:19.060 As I mentioned, it's less

NOTE Confidence: 0.993784

00:19:19.060 --> 00:19:20.420 probably than ten percent of
NOTE Confidence: 0.993784

00:19:20.420 --> 00:19:20.920 individuals
NOTE Confidence: 0.9869819

00:19:21.540 --> 00:19:22.820 who will not respond to
NOTE Confidence: 0.9869819

00:19:22.820 --> 00:19:24.359 currently available treatments.
NOTE Confidence: 0.95354563

00:19:25.780 --> 00:19:27.140 But all too often, there's
NOTE Confidence: 0.95354563

00:19:27.140 --> 00:19:28.200 a nihilism
NOTE Confidence: 0.9720494

00:19:28.500 --> 00:19:30.335 about what is possible for
NOTE Confidence: 0.9720494

00:19:30.335 --> 00:19:31.235 these individuals.
NOTE Confidence: 0.98998946

00:19:31.695 --> 00:19:33.295 And it's why I've presented
NOTE Confidence: 0.98998946

00:19:33.295 --> 00:19:34.735 these pictures from a time
NOTE Confidence: 0.98998946

00:19:34.735 --> 00:19:36.735 when we had really no
NOTE Confidence: 0.98998946

00:19:36.735 --> 00:19:38.655 evidence based interventions for people
NOTE Confidence: 0.98998946

00:19:38.655 --> 00:19:39.935 with these illnesses, and that
NOTE Confidence: 0.98998946

00:19:39.935 --> 00:19:41.315 is not the case anymore.
NOTE Confidence: 0.83347595

00:19:41.855 --> 00:19:42.675 Next slide.
NOTE Confidence: 0.9955443

00:19:44.830 --> 00:19:45.710 This is just to make

NOTE Confidence: 0.9955443

00:19:45.710 --> 00:19:47.390 the point that in usual

NOTE Confidence: 0.9955443

00:19:47.390 --> 00:19:48.450 systems of care,

NOTE Confidence: 0.953964

00:19:49.790 --> 00:19:51.549 the most recent review suggest

NOTE Confidence: 0.953964

00:19:51.549 --> 00:19:53.090 that less than one third

NOTE Confidence: 0.953964

00:19:53.150 --> 00:19:55.630 will recover, and the definition

NOTE Confidence: 0.953964

00:19:55.630 --> 00:19:57.165 of recovery here was quite

NOTE Confidence: 0.953964

00:19:57.325 --> 00:19:58.925 stringent. It was returning to

NOTE Confidence: 0.953964

00:19:58.925 --> 00:20:00.625 their premorbid level of functioning.

NOTE Confidence: 0.9847991

00:20:01.405 --> 00:20:02.445 But if one were to

NOTE Confidence: 0.9847991

00:20:02.445 --> 00:20:04.065 expand the notion of recovery

NOTE Confidence: 0.9847991

00:20:04.125 --> 00:20:04.865 to include,

NOTE Confidence: 0.9870225

00:20:05.565 --> 00:20:06.925 living a meaningful life in

NOTE Confidence: 0.9870225

00:20:06.925 --> 00:20:09.005 the community, having work or

NOTE Confidence: 0.9870225

00:20:09.005 --> 00:20:10.705 school, family, and engagement,

NOTE Confidence: 0.9666931

00:20:11.119 --> 00:20:12.660 that number is actually considerably

NOTE Confidence: 0.9666931

00:20:12.880 --> 00:20:13.380 higher,
NOTE Confidence: 0.99371713

00:20:13.760 --> 00:20:15.040 but much depends on the
NOTE Confidence: 0.99371713

00:20:15.040 --> 00:20:16.720 quality of access and the
NOTE Confidence: 0.99371713

00:20:16.720 --> 00:20:18.320 quality of care provided in
NOTE Confidence: 0.99371713

00:20:18.320 --> 00:20:19.600 the critical period to be
NOTE Confidence: 0.99371713

00:20:19.600 --> 00:20:21.060 able to reach higher levels.
NOTE Confidence: 0.9477153

00:20:21.840 --> 00:20:23.700 These illnesses are very costly,
NOTE Confidence: 0.99397975

00:20:24.494 --> 00:20:26.335 And as many of us
NOTE Confidence: 0.99397975

00:20:26.335 --> 00:20:28.435 will probably intuitively understand,
NOTE Confidence: 0.9869737

00:20:29.135 --> 00:20:30.815 the initial costs are driven
NOTE Confidence: 0.9869737

00:20:30.815 --> 00:20:32.095 by so called direct health
NOTE Confidence: 0.9869737

00:20:32.095 --> 00:20:34.195 care costs, emergency room visits,
NOTE Confidence: 0.95496404

00:20:35.215 --> 00:20:36.275 inpatient hospitalizations.
NOTE Confidence: 0.9693799

00:20:37.010 --> 00:20:38.130 But in fact, over the
NOTE Confidence: 0.9693799

00:20:38.130 --> 00:20:39.650 life course, the largest source
NOTE Confidence: 0.9693799

00:20:39.650 --> 00:20:41.410 of costs are indirect, and

NOTE Confidence: 0.9693799
00:20:41.410 --> 00:20:42.150 these are
NOTE Confidence: 0.9586297
00:20:42.530 --> 00:20:44.130 the cost of losing someone
NOTE Confidence: 0.9586297
00:20:44.130 --> 00:20:45.490 to the labor market who's
NOTE Confidence: 0.9586297
00:20:45.490 --> 00:20:46.690 not able to contribute to
NOTE Confidence: 0.9586297
00:20:46.690 --> 00:20:47.270 the economy.
NOTE Confidence: 0.94799817
00:20:47.650 --> 00:20:49.350 The cost of family caregiving,
NOTE Confidence: 0.94799817
00:20:49.570 --> 00:20:51.330 for example, individuals who have
NOTE Confidence: 0.94799817
00:20:51.330 --> 00:20:52.310 to leave work,
NOTE Confidence: 0.9847851
00:20:52.915 --> 00:20:54.195 or work less in order
NOTE Confidence: 0.9847851
00:20:54.195 --> 00:20:55.075 to care for a young
NOTE Confidence: 0.9847851
00:20:55.075 --> 00:20:57.475 individual with a poorly, managed
NOTE Confidence: 0.9847851
00:20:57.475 --> 00:20:58.855 or poorly treated illness.
NOTE Confidence: 0.996944
00:20:59.315 --> 00:21:00.615 And by way of comparison,
NOTE Confidence: 0.996944
00:21:00.835 --> 00:21:02.435 since these numbers can seem
NOTE Confidence: 0.996944
00:21:02.435 --> 00:21:03.255 quite abstract,
NOTE Confidence: 0.9618159

00:21:03.795 --> 00:21:05.815 far more common affective illnesses,
NOTE Confidence: 0.9618159

00:21:05.875 --> 00:21:07.494 including depressive disorders,
NOTE Confidence: 0.963546

00:21:09.470 --> 00:21:10.909 are not much lot greater
NOTE Confidence: 0.963546

00:21:10.909 --> 00:21:12.450 in terms of cost than
NOTE Confidence: 0.963546

00:21:12.669 --> 00:21:14.590 schizophrenia spectrum disorders that are
NOTE Confidence: 0.963546

00:21:14.590 --> 00:21:16.350 far less common. And it's
NOTE Confidence: 0.963546

00:21:16.350 --> 00:21:17.230 just to make the point
NOTE Confidence: 0.963546

00:21:17.230 --> 00:21:18.210 that these illnesses
NOTE Confidence: 0.94489825

00:21:18.830 --> 00:21:20.770 amongst the serious mental illnesses
NOTE Confidence: 0.9842396

00:21:21.295 --> 00:21:22.734 punch well above their weight
NOTE Confidence: 0.9842396

00:21:22.734 --> 00:21:23.855 in terms of the burden
NOTE Confidence: 0.9842396

00:21:23.855 --> 00:21:25.234 they exact on individuals,
NOTE Confidence: 0.99068975

00:21:25.535 --> 00:21:27.455 on families, and on society
NOTE Confidence: 0.99068975

00:21:27.455 --> 00:21:28.115 at large.
NOTE Confidence: 0.99570143

00:21:28.415 --> 00:21:29.855 And so it's well worth
NOTE Confidence: 0.99570143

00:21:29.855 --> 00:21:32.015 our efforts to improve the

NOTE Confidence: 0.99570143

00:21:32.015 --> 00:21:33.375 outcomes that we can get

NOTE Confidence: 0.99570143

00:21:33.375 --> 00:21:33.875 from

NOTE Confidence: 0.9917266

00:21:34.175 --> 00:21:35.730 delivering what we know works

NOTE Confidence: 0.9917266

00:21:35.809 --> 00:21:37.650 to individuals in a timely

NOTE Confidence: 0.9917266

00:21:37.650 --> 00:21:39.970 way that's also acceptable to

NOTE Confidence: 0.9917266

00:21:39.970 --> 00:21:41.410 them. And that's mostly what

NOTE Confidence: 0.9917266

00:21:41.410 --> 00:21:42.530 I'll be following up to

NOTE Confidence: 0.9917266

00:21:42.530 --> 00:21:43.830 present evidence on,

NOTE Confidence: 0.995372

00:21:45.250 --> 00:21:46.290 going forward. So we can

NOTE Confidence: 0.995372

00:21:46.290 --> 00:21:47.350 go to the next slide.

NOTE Confidence: 0.9552162

00:21:50.515 --> 00:21:52.115 So yes. So they're they're

NOTE Confidence: 0.9552162

00:21:52.115 --> 00:21:54.375 distressing. They're disabling. They're costly.

NOTE Confidence: 0.9951651

00:21:55.475 --> 00:21:56.835 This idea of thinking of

NOTE Confidence: 0.9951651

00:21:56.835 --> 00:21:58.115 them as chronic illnesses of

NOTE Confidence: 0.9951651

00:21:58.115 --> 00:21:59.894 the young, I find useful.

NOTE Confidence: 0.9591432

00:22:00.674 --> 00:22:03.220 Most chronic illnesses like diabetes,
NOTE Confidence: 0.9591432

00:22:03.359 --> 00:22:04.100 for example,
NOTE Confidence: 0.8645585

00:22:04.640 --> 00:22:06.660 and congestive heart disease,
NOTE Confidence: 0.981561

00:22:08.560 --> 00:22:10.640 usually onset later on. These
NOTE Confidence: 0.981561

00:22:10.640 --> 00:22:12.560 are illnesses of of late,
NOTE Confidence: 0.981561

00:22:12.800 --> 00:22:13.940 and middle age.
NOTE Confidence: 0.9307367

00:22:15.535 --> 00:22:17.135 Serious mental illnesses of which
NOTE Confidence: 0.9307367

00:22:17.135 --> 00:22:18.975 psychotic disorders are are one
NOTE Confidence: 0.9307367

00:22:19.135 --> 00:22:20.335 are different in that they
NOTE Confidence: 0.9307367

00:22:20.335 --> 00:22:21.855 strike individuals at a time
NOTE Confidence: 0.9307367

00:22:21.855 --> 00:22:24.115 of otherwise peak physical health.
NOTE Confidence: 0.9811036

00:22:25.295 --> 00:22:27.155 But they are often chronic,
NOTE Confidence: 0.9811036

00:22:27.215 --> 00:22:28.195 and they require
NOTE Confidence: 0.9558916

00:22:28.810 --> 00:22:29.310 attention,
NOTE Confidence: 0.9930032

00:22:30.410 --> 00:22:32.330 not least because they're striking
NOTE Confidence: 0.9930032

00:22:32.330 --> 00:22:34.270 individuals who are usually not

NOTE Confidence: 0.9930032
00:22:34.410 --> 00:22:35.850 in medical care for other
NOTE Confidence: 0.9930032
00:22:35.850 --> 00:22:37.070 reasons. They're often,
NOTE Confidence: 0.9218895
00:22:37.850 --> 00:22:39.210 have have stopped seeing their
NOTE Confidence: 0.9218895
00:22:39.210 --> 00:22:39.710 pediatricians
NOTE Confidence: 0.9444062
00:22:40.330 --> 00:22:41.530 and are not yet seeing
NOTE Confidence: 0.9444062
00:22:41.530 --> 00:22:42.350 their internists,
NOTE Confidence: 0.94892436
00:22:43.544 --> 00:22:44.825 but in fact, do need
NOTE Confidence: 0.94892436
00:22:44.825 --> 00:22:46.265 attention for illnesses that if
NOTE Confidence: 0.94892436
00:22:46.265 --> 00:22:47.865 not treated well will result
NOTE Confidence: 0.94892436
00:22:47.865 --> 00:22:50.524 in chronic disability that rivals
NOTE Confidence: 0.94892436
00:22:50.585 --> 00:22:52.345 and sometimes exceeds many other
NOTE Confidence: 0.94892436
00:22:52.345 --> 00:22:53.725 chronic medical illnesses.
NOTE Confidence: 0.9627561
00:22:54.664 --> 00:22:55.544 So now we we can
NOTE Confidence: 0.9627561
00:22:55.544 --> 00:22:56.700 move on to talk about
NOTE Confidence: 0.9627561
00:22:56.859 --> 00:22:58.299 good news and the opportunities
NOTE Confidence: 0.9627561

00:22:58.299 --> 00:22:59.100 we have. We can go
NOTE Confidence: 0.9627561

00:22:59.100 --> 00:22:59.919 to the next slide.
NOTE Confidence: 0.97258466

00:23:01.179 --> 00:23:02.380 I I wanted to spend
NOTE Confidence: 0.97258466

00:23:02.380 --> 00:23:03.840 this introductory session,
NOTE Confidence: 0.9713831

00:23:04.940 --> 00:23:06.480 presenting some of the evidence,
NOTE Confidence: 0.9713831

00:23:06.539 --> 00:23:07.039 which
NOTE Confidence: 0.9808481

00:23:07.419 --> 00:23:08.779 I'm assuming many of you
NOTE Confidence: 0.9808481

00:23:08.779 --> 00:23:10.700 may already be familiar with.
NOTE Confidence: 0.9808481

00:23:10.700 --> 00:23:11.744 But I think it's useful
NOTE Confidence: 0.9808481

00:23:11.744 --> 00:23:12.465 to talk a little bit
NOTE Confidence: 0.9808481

00:23:12.465 --> 00:23:13.744 about why it is,
NOTE Confidence: 0.90127623

00:23:14.145 --> 00:23:15.665 we believe this care pathway
NOTE Confidence: 0.90127623

00:23:15.665 --> 00:23:17.125 that we've developed at step
NOTE Confidence: 0.93780434

00:23:17.665 --> 00:23:18.165 represents,
NOTE Confidence: 0.98988634

00:23:19.025 --> 00:23:20.545 good evidence for what might
NOTE Confidence: 0.98988634

00:23:20.545 --> 00:23:22.145 improve these outcomes and lift

NOTE Confidence: 0.98988634

00:23:22.145 --> 00:23:23.605 that platter over time.

NOTE Confidence: 0.9950422

00:23:24.065 --> 00:23:24.885 Next slide.

NOTE Confidence: 0.9570036

00:23:26.510 --> 00:23:28.529 So this is to, describe

NOTE Confidence: 0.9570036

00:23:28.590 --> 00:23:30.350 the current state of of

NOTE Confidence: 0.9570036

00:23:30.350 --> 00:23:31.649 practice in Connecticut.

NOTE Confidence: 0.9602496

00:23:32.429 --> 00:23:33.470 Some of you may know

NOTE Confidence: 0.9602496

00:23:33.470 --> 00:23:34.669 of the Prime Clinic, which

NOTE Confidence: 0.9602496

00:23:34.669 --> 00:23:36.210 is our sister clinic here

NOTE Confidence: 0.9602496

00:23:36.429 --> 00:23:37.869 at Yale and also based

NOTE Confidence: 0.9602496

00:23:37.869 --> 00:23:39.725 at CMHC like STEP, which

NOTE Confidence: 0.9602496

00:23:39.725 --> 00:23:41.244 is focused on this period

NOTE Confidence: 0.9602496

00:23:41.244 --> 00:23:42.845 before the onset of the

NOTE Confidence: 0.9602496

00:23:42.845 --> 00:23:43.585 first episode.

NOTE Confidence: 0.95620406

00:23:44.045 --> 00:23:45.244 And this is in the

NOTE Confidence: 0.95620406

00:23:45.244 --> 00:23:47.165 main, a very active and

NOTE Confidence: 0.95620406

00:23:47.165 --> 00:23:49.005 exciting research enterprise in which

NOTE Confidence: 0.95620406

00:23:49.005 --> 00:23:50.305 many of us are involved

NOTE Confidence: 0.97345996

00:23:50.845 --> 00:23:52.845 to both try and develop

NOTE Confidence: 0.97345996

00:23:52.845 --> 00:23:54.670 better ways to predict who

NOTE Confidence: 0.97345996

00:23:54.670 --> 00:23:55.550 will turn out to have

NOTE Confidence: 0.97345996

00:23:55.550 --> 00:23:57.310 a psychotic illness and then

NOTE Confidence: 0.97345996

00:23:57.310 --> 00:23:58.770 to find ways to intervene

NOTE Confidence: 0.97345996

00:23:58.830 --> 00:24:00.770 to either delay or prevent,

NOTE Confidence: 0.9617096

00:24:01.310 --> 00:24:02.690 the onset of these illnesses.

NOTE Confidence: 0.9617096

00:24:02.990 --> 00:24:03.890 This is obviously,

NOTE Confidence: 0.9689527

00:24:04.830 --> 00:24:06.030 these are these are not

NOTE Confidence: 0.9689527

00:24:06.030 --> 00:24:07.630 interventions that are are yet

NOTE Confidence: 0.9689527

00:24:07.630 --> 00:24:08.770 ready for implementation,

NOTE Confidence: 0.9654749

00:24:09.465 --> 00:24:10.424 But we hope in the

NOTE Confidence: 0.9654749

00:24:10.424 --> 00:24:11.705 future to be able to

NOTE Confidence: 0.9654749

00:24:11.705 --> 00:24:13.544 have evidence to be able

NOTE Confidence: 0.9654749

00:24:13.544 --> 00:24:15.145 to engage in this kind

NOTE Confidence: 0.9654749

00:24:15.145 --> 00:24:15.725 of preventative,

NOTE Confidence: 0.9995995

00:24:16.345 --> 00:24:16.845 initiative.

NOTE Confidence: 0.96897674

00:24:17.785 --> 00:24:18.684 The the current,

NOTE Confidence: 0.9951932

00:24:19.304 --> 00:24:20.105 state of the art in

NOTE Confidence: 0.9951932

00:24:20.105 --> 00:24:21.005 terms of delivery

NOTE Confidence: 0.9982918

00:24:21.385 --> 00:24:23.244 begins after the first episode

NOTE Confidence: 0.9701737

00:24:23.899 --> 00:24:26.000 where steps early intervention service

NOTE Confidence: 0.9701737

00:24:26.299 --> 00:24:28.299 seeks to both reduce delays

NOTE Confidence: 0.9701737

00:24:28.299 --> 00:24:29.440 and also improve

NOTE Confidence: 0.9989814

00:24:29.820 --> 00:24:31.119 the quality of care

NOTE Confidence: 0.9392203

00:24:31.899 --> 00:24:33.600 and thereby improve outcomes.

NOTE Confidence: 0.969665

00:24:33.980 --> 00:24:34.940 And then, of course, we

NOTE Confidence: 0.969665

00:24:34.940 --> 00:24:36.399 have many excellent,

NOTE Confidence: 0.9979609

00:24:37.665 --> 00:24:39.605 service providers for chronic psychosis

NOTE Confidence: 0.9979609

00:24:39.665 --> 00:24:40.965 care across the state.
NOTE Confidence: 0.99730325

00:24:43.025 --> 00:24:45.105 And based on on data
NOTE Confidence: 0.99730325

00:24:45.105 --> 00:24:46.805 published from around the world,
NOTE Confidence: 0.99730325

00:24:46.945 --> 00:24:48.465 it appears that under usual
NOTE Confidence: 0.99730325

00:24:48.465 --> 00:24:50.145 systems of care that do
NOTE Confidence: 0.99730325

00:24:50.145 --> 00:24:52.165 not have early intervention services,
NOTE Confidence: 0.9993584

00:24:52.590 --> 00:24:53.330 most individuals
NOTE Confidence: 0.9992027

00:24:53.710 --> 00:24:55.390 begin to really engage with
NOTE Confidence: 0.9992027

00:24:55.390 --> 00:24:56.929 regular outpatient care
NOTE Confidence: 0.9393531

00:24:57.869 --> 00:24:59.230 in in the period of
NOTE Confidence: 0.9393531

00:24:59.230 --> 00:25:00.350 a plateau all the way
NOTE Confidence: 0.9393531

00:25:00.350 --> 00:25:01.470 to the right. That is
NOTE Confidence: 0.9393531

00:25:01.470 --> 00:25:03.470 to say, after after a
NOTE Confidence: 0.9393531

00:25:03.470 --> 00:25:05.010 time in which they've already
NOTE Confidence: 0.9393531

00:25:05.070 --> 00:25:05.570 lost
NOTE Confidence: 0.99634045

00:25:05.869 --> 00:25:06.929 much of the psychosocial

NOTE Confidence: 0.83250886
00:25:07.230 --> 00:25:07.730 function,
NOTE Confidence: 0.9891689
00:25:08.804 --> 00:25:10.005 that in the usual course
NOTE Confidence: 0.9891689
00:25:10.005 --> 00:25:11.924 of care, they will begin
NOTE Confidence: 0.9891689
00:25:11.924 --> 00:25:13.684 to recover very, very slowly
NOTE Confidence: 0.9891689
00:25:13.684 --> 00:25:15.445 over time. So the usual
NOTE Confidence: 0.9891689
00:25:15.445 --> 00:25:16.804 course of these illnesses is
NOTE Confidence: 0.9891689
00:25:16.804 --> 00:25:18.105 actually one of recovery,
NOTE Confidence: 0.9987346
00:25:18.565 --> 00:25:19.385 not deterioration.
NOTE Confidence: 0.95636463
00:25:20.085 --> 00:25:21.065 However, the recovery,
NOTE Confidence: 0.9740712
00:25:21.880 --> 00:25:23.799 begins from much lower plateau
NOTE Confidence: 0.9740712
00:25:23.799 --> 00:25:25.580 and proceeds often very slowly,
NOTE Confidence: 0.9987744
00:25:26.119 --> 00:25:27.740 depriving many of these individuals
NOTE Confidence: 0.9662015
00:25:28.040 --> 00:25:29.160 of the highest level of
NOTE Confidence: 0.9662015
00:25:29.160 --> 00:25:29.660 functioning
NOTE Confidence: 0.9472325
00:25:30.040 --> 00:25:30.840 and the most,
NOTE Confidence: 0.98696035

00:25:31.679 --> 00:25:33.080 the highest quality of life
NOTE Confidence: 0.98696035

00:25:33.080 --> 00:25:34.440 and social engagement they could
NOTE Confidence: 0.98696035

00:25:34.440 --> 00:25:35.179 have had
NOTE Confidence: 0.9476546

00:25:35.595 --> 00:25:36.715 if they had been,
NOTE Confidence: 0.98218846

00:25:37.115 --> 00:25:38.335 given often
NOTE Confidence: 0.981038

00:25:38.875 --> 00:25:40.395 substantially the same kinds of
NOTE Confidence: 0.981038

00:25:40.395 --> 00:25:41.915 treatment earlier in the course
NOTE Confidence: 0.981038

00:25:41.915 --> 00:25:42.915 of the illness. And we'll
NOTE Confidence: 0.981038

00:25:43.035 --> 00:25:44.395 I'll say more about this,
NOTE Confidence: 0.981038

00:25:44.635 --> 00:25:45.535 in the upcoming,
NOTE Confidence: 0.909677

00:25:46.395 --> 00:25:46.895 slides.
NOTE Confidence: 0.97838664

00:25:49.290 --> 00:25:50.570 This is a a summary
NOTE Confidence: 0.97838664

00:25:50.570 --> 00:25:51.610 slide that I'll provide a
NOTE Confidence: 0.97838664

00:25:51.610 --> 00:25:53.290 little more detail on. But,
NOTE Confidence: 0.9890559

00:25:54.330 --> 00:25:55.630 the good news is that
NOTE Confidence: 0.9890559

00:25:55.770 --> 00:25:57.610 both early detection that is

NOTE Confidence: 0.9890559

00:25:57.610 --> 00:25:58.110 simply

NOTE Confidence: 0.9812789

00:25:58.970 --> 00:26:01.470 providing care earlier without necessarily

NOTE Confidence: 0.9812789

00:26:01.770 --> 00:26:02.970 enriching the care in any

NOTE Confidence: 0.9812789

00:26:02.970 --> 00:26:04.875 way has a durable effect

NOTE Confidence: 0.9812789

00:26:04.875 --> 00:26:06.715 on outcome that's measurable ten

NOTE Confidence: 0.9812789

00:26:06.715 --> 00:26:08.494 and even twenty years later.

NOTE Confidence: 0.9812789

00:26:08.635 --> 00:26:09.675 And this was based on

NOTE Confidence: 0.9812789

00:26:09.675 --> 00:26:10.975 a study done in Norway

NOTE Confidence: 0.7062836

00:26:11.515 --> 00:26:11.915 where,

NOTE Confidence: 0.9765218

00:26:12.715 --> 00:26:14.075 outpatient care that will be

NOTE Confidence: 0.9765218

00:26:14.075 --> 00:26:15.515 very recognizable to all of

NOTE Confidence: 0.9765218

00:26:15.515 --> 00:26:17.355 us was just delivered much,

NOTE Confidence: 0.9765218

00:26:17.355 --> 00:26:19.535 much earlier after psychosis onset.

NOTE Confidence: 0.9636015

00:26:20.980 --> 00:26:23.460 Also, there is, more evidence

NOTE Confidence: 0.9636015

00:26:23.460 --> 00:26:24.740 because these are studies that

NOTE Confidence: 0.9636015

00:26:24.740 --> 00:26:26.359 are somewhat easier to do
NOTE Confidence: 0.9636015

00:26:26.580 --> 00:26:27.859 that even if one did
NOTE Confidence: 0.9636015

00:26:27.859 --> 00:26:28.680 not reduce,
NOTE Confidence: 0.9800693

00:26:29.140 --> 00:26:31.000 the duration of untreated psychosis,
NOTE Confidence: 0.9509429

00:26:31.300 --> 00:26:32.500 that is to say without
NOTE Confidence: 0.9509429

00:26:32.500 --> 00:26:33.240 early detection,
NOTE Confidence: 0.96766

00:26:34.005 --> 00:26:35.685 simply improving the quality of
NOTE Confidence: 0.96766

00:26:35.685 --> 00:26:36.185 care,
NOTE Confidence: 0.57933193

00:26:37.365 --> 00:26:37.865 after
NOTE Confidence: 0.96828353

00:26:38.965 --> 00:26:39.465 individuals
NOTE Confidence: 0.94618577

00:26:40.005 --> 00:26:41.685 self present or are referred
NOTE Confidence: 0.94618577

00:26:41.685 --> 00:26:43.605 to to outpatient services can
NOTE Confidence: 0.94618577

00:26:43.605 --> 00:26:45.845 also improve outcomes. And I've
NOTE Confidence: 0.94618577

00:26:45.845 --> 00:26:47.125 listed some of the studies
NOTE Confidence: 0.94618577

00:26:47.125 --> 00:26:48.005 for those who would like
NOTE Confidence: 0.94618577

00:26:48.005 --> 00:26:48.885 to to look up the

NOTE Confidence: 0.94618577
00:26:48.885 --> 00:26:49.385 references.
NOTE Confidence: 0.92206395
00:26:49.980 --> 00:26:51.420 The OPUS trial in the
NOTE Confidence: 0.92206395
00:26:51.420 --> 00:26:52.160 United Kingdom,
NOTE Confidence: 0.9490474
00:26:52.940 --> 00:26:54.540 I'm sorry, in Denmark, the
NOTE Confidence: 0.9490474
00:26:54.540 --> 00:26:55.820 Lambert study in the United
NOTE Confidence: 0.9490474
00:26:55.820 --> 00:26:57.260 Kingdom. And then in the
NOTE Confidence: 0.9490474
00:26:57.260 --> 00:26:59.020 US, the first two studies
NOTE Confidence: 0.9490474
00:26:59.020 --> 00:26:59.520 that,
NOTE Confidence: 0.99955994
00:27:00.230 --> 00:27:00.730 tested
NOTE Confidence: 0.9953128
00:27:01.915 --> 00:27:02.734 a specialized
NOTE Confidence: 0.949268
00:27:03.115 --> 00:27:04.475 team based approach to care,
NOTE Confidence: 0.949268
00:27:04.475 --> 00:27:05.915 which was our clinic in
NOTE Confidence: 0.949268
00:27:05.915 --> 00:27:07.595 step, and then the RAISE
NOTE Confidence: 0.949268
00:27:07.595 --> 00:27:09.135 studies that did this over
NOTE Confidence: 0.7998781
00:27:09.675 --> 00:27:11.135 twenty two different
NOTE Confidence: 0.9061483

00:27:12.155 --> 00:27:13.695 sites across the US.
NOTE Confidence: 0.84123373

00:27:14.330 --> 00:27:15.950 All are showing consistently
NOTE Confidence: 0.96023804

00:27:16.490 --> 00:27:18.410 improvements in outcome measured at
NOTE Confidence: 0.96023804

00:27:18.410 --> 00:27:20.010 two years after initiation of
NOTE Confidence: 0.96023804

00:27:20.010 --> 00:27:21.290 treatment. I can go to
NOTE Confidence: 0.96023804

00:27:21.290 --> 00:27:22.109 the next slide.
NOTE Confidence: 0.9716107

00:27:23.609 --> 00:27:24.890 So a little more about
NOTE Confidence: 0.9716107

00:27:24.890 --> 00:27:25.390 us.
NOTE Confidence: 0.99783784

00:27:26.260 --> 00:27:26.760 We
NOTE Confidence: 0.99239224

00:27:27.195 --> 00:27:29.135 planned a pragmatic trial,
NOTE Confidence: 0.95463455

00:27:29.595 --> 00:27:31.034 that ran from two thousand
NOTE Confidence: 0.95463455

00:27:31.034 --> 00:27:32.414 seven to two thousand thirteen,
NOTE Confidence: 0.9767856

00:27:33.355 --> 00:27:34.875 and we we built it
NOTE Confidence: 0.9767856

00:27:34.875 --> 00:27:36.075 so that it would recruit
NOTE Confidence: 0.9767856

00:27:36.075 --> 00:27:37.855 very broadly. We provide interventions
NOTE Confidence: 0.9767856

00:27:37.914 --> 00:27:38.794 that we thought would be

NOTE Confidence: 0.9767856

00:27:38.794 --> 00:27:40.154 feasible at a place like

NOTE Confidence: 0.9767856

00:27:40.154 --> 00:27:40.654 CMHC

NOTE Confidence: 0.97586644

00:27:41.029 --> 00:27:42.169 in ambulatory,

NOTE Confidence: 0.76054025

00:27:42.869 --> 00:27:43.369 clinics,

NOTE Confidence: 0.9516619

00:27:43.750 --> 00:27:44.869 and we measured outcomes that

NOTE Confidence: 0.9516619

00:27:44.869 --> 00:27:45.830 we thought would be most

NOTE Confidence: 0.9516619

00:27:45.830 --> 00:27:46.970 relevant for,

NOTE Confidence: 0.9560374

00:27:47.590 --> 00:27:48.789 the the kinds of,

NOTE Confidence: 0.99955875

00:27:49.429 --> 00:27:51.750 evaluations that these services should

NOTE Confidence: 0.99955875

00:27:51.750 --> 00:27:52.970 be subjected to.

NOTE Confidence: 0.9453602

00:27:54.554 --> 00:27:55.674 The clinic is based at

NOTE Confidence: 0.9453602

00:27:55.674 --> 00:27:57.195 CMHC, which as many of

NOTE Confidence: 0.9453602

00:27:57.195 --> 00:27:58.075 you may know is a

NOTE Confidence: 0.9453602

00:27:58.075 --> 00:27:59.615 public academic collaboration.

NOTE Confidence: 0.99747425

00:28:00.554 --> 00:28:01.054 And

NOTE Confidence: 0.95415163

00:28:01.754 --> 00:28:02.254 we,
NOTE Confidence: 0.985387

00:28:03.274 --> 00:28:04.894 when we initiated the service,
NOTE Confidence: 0.897205

00:28:05.674 --> 00:28:06.174 decided,
NOTE Confidence: 0.9438467

00:28:06.875 --> 00:28:07.994 to in to be as
NOTE Confidence: 0.9438467

00:28:07.994 --> 00:28:09.375 inclusive as possible
NOTE Confidence: 0.99954

00:28:09.889 --> 00:28:10.389 across
NOTE Confidence: 0.9972447

00:28:10.690 --> 00:28:11.190 barriers
NOTE Confidence: 0.9766664

00:28:11.570 --> 00:28:12.549 of insurance,
NOTE Confidence: 0.9054128

00:28:13.009 --> 00:28:14.549 and catchment. So step,
NOTE Confidence: 0.95856553

00:28:15.250 --> 00:28:16.850 then as it does now,
NOTE Confidence: 0.95856553

00:28:16.850 --> 00:28:17.669 admits individuals,
NOTE Confidence: 0.93569934

00:28:18.529 --> 00:28:19.990 whether or not they have
NOTE Confidence: 0.93569934

00:28:20.289 --> 00:28:21.669 private or public insurance.
NOTE Confidence: 0.9848176

00:28:22.905 --> 00:28:24.845 And, initially, we admitted individuals
NOTE Confidence: 0.9848176

00:28:24.985 --> 00:28:26.345 anywhere in the state. They
NOTE Confidence: 0.9848176

00:28:26.345 --> 00:28:27.225 didn't have to be in

NOTE Confidence: 0.9848176

00:28:27.225 --> 00:28:28.765 the catchment of CMHC.

NOTE Confidence: 0.9912171

00:28:29.625 --> 00:28:30.525 And we also,

NOTE Confidence: 0.9866878

00:28:30.985 --> 00:28:32.905 admitted individuals who were sixteen

NOTE Confidence: 0.9866878

00:28:32.905 --> 00:28:34.730 and seventeen years old in

NOTE Confidence: 0.9866878

00:28:34.730 --> 00:28:36.990 order to capture the the

NOTE Confidence: 0.9866878

00:28:37.050 --> 00:28:39.050 widest range of individuals who

NOTE Confidence: 0.9866878

00:28:39.050 --> 00:28:40.090 were truly in the first

NOTE Confidence: 0.9866878

00:28:40.090 --> 00:28:41.550 episode of these illnesses.

NOTE Confidence: 0.99722636

00:28:41.930 --> 00:28:42.750 Next slide.

NOTE Confidence: 0.9914894

00:28:44.970 --> 00:28:46.090 This is just a a

NOTE Confidence: 0.9914894

00:28:46.090 --> 00:28:47.530 reference slide for those who

NOTE Confidence: 0.9914894

00:28:47.530 --> 00:28:48.650 want to look back later

NOTE Confidence: 0.9914894

00:28:48.650 --> 00:28:49.610 on the design of the

NOTE Confidence: 0.9914894

00:28:49.610 --> 00:28:50.110 trial.

NOTE Confidence: 0.97790414

00:28:50.855 --> 00:28:51.675 The point,

NOTE Confidence: 0.9541011

00:28:52.055 --> 00:28:53.915 here was that while the
NOTE Confidence: 0.99918157

00:28:54.455 --> 00:28:55.355 initial studies
NOTE Confidence: 0.9975073

00:28:55.895 --> 00:28:57.595 in Denmark and the UK
NOTE Confidence: 0.9308362

00:28:58.055 --> 00:29:00.075 had tested a very intensive
NOTE Confidence: 0.9308362

00:29:00.135 --> 00:29:02.375 approach to treatment, essentially, act
NOTE Confidence: 0.9308362

00:29:02.375 --> 00:29:03.275 level care
NOTE Confidence: 0.98489606

00:29:03.660 --> 00:29:05.500 where clinician to patient ratios
NOTE Confidence: 0.98489606

00:29:05.500 --> 00:29:07.260 were ten or or twelve
NOTE Confidence: 0.98489606

00:29:07.260 --> 00:29:08.940 to one. I'm sorry. Patient
NOTE Confidence: 0.98489606

00:29:08.940 --> 00:29:10.300 to clinician ratios were ten
NOTE Confidence: 0.98489606

00:29:10.300 --> 00:29:11.660 or twelve to one. What
NOTE Confidence: 0.98489606

00:29:11.660 --> 00:29:12.860 we tested here was a
NOTE Confidence: 0.98489606

00:29:12.860 --> 00:29:15.740 pragmatic study where, clinicians at
NOTE Confidence: 0.98489606

00:29:15.740 --> 00:29:17.360 CMHC were often carrying
NOTE Confidence: 0.9368962

00:29:17.740 --> 00:29:19.455 a patient loads of anywhere
NOTE Confidence: 0.9368962

00:29:19.455 --> 00:29:21.155 from forty to fifty individuals,

NOTE Confidence: 0.9377909

00:29:21.695 --> 00:29:23.375 of whom a subset were

NOTE Confidence: 0.9377909

00:29:23.375 --> 00:29:25.235 first episode psychosis patients.

NOTE Confidence: 0.9938774

00:29:25.855 --> 00:29:26.755 And we randomized

NOTE Confidence: 0.98210806

00:29:27.535 --> 00:29:28.035 all

NOTE Confidence: 0.94585395

00:29:32.030 --> 00:29:33.630 people presenting this to either

NOTE Confidence: 0.94585395

00:29:33.630 --> 00:29:34.830 come into care at step

NOTE Confidence: 0.94585395

00:29:34.830 --> 00:29:36.190 or to be randomized to

NOTE Confidence: 0.94585395

00:29:36.190 --> 00:29:36.910 the kind of care they

NOTE Confidence: 0.94585395

00:29:36.910 --> 00:29:38.670 would ordinarily get depending on

NOTE Confidence: 0.94585395

00:29:38.670 --> 00:29:40.350 their insurance status. So a

NOTE Confidence: 0.94585395

00:29:40.350 --> 00:29:42.270 significant number were referred out

NOTE Confidence: 0.94585395

00:29:42.270 --> 00:29:43.630 into the community if they

NOTE Confidence: 0.94585395

00:29:43.630 --> 00:29:44.770 had commercial insurance,

NOTE Confidence: 0.9751476

00:29:45.095 --> 00:29:46.775 while those who were eligible

NOTE Confidence: 0.9751476

00:29:46.775 --> 00:29:48.695 for CMHC care received care

NOTE Confidence: 0.9751476

00:29:48.695 --> 00:29:50.375 elsewhere in other teams in
NOTE Confidence: 0.9751476

00:29:50.375 --> 00:29:50.955 the building.
NOTE Confidence: 0.8799544

00:29:51.975 --> 00:29:52.635 Next slide.
NOTE Confidence: 0.9644288

00:29:54.615 --> 00:29:55.815 So this is a summary
NOTE Confidence: 0.9644288

00:29:55.815 --> 00:29:57.335 slide of our outcomes, which
NOTE Confidence: 0.9644288

00:29:57.335 --> 00:29:58.530 we have published for those,
NOTE Confidence: 0.9644288

00:29:58.770 --> 00:30:00.050 who wanna look at the
NOTE Confidence: 0.9644288

00:30:00.050 --> 00:30:00.550 details
NOTE Confidence: 0.9852802

00:30:00.930 --> 00:30:01.970 of the design and the
NOTE Confidence: 0.9852802

00:30:01.970 --> 00:30:02.470 results.
NOTE Confidence: 0.9812138

00:30:02.930 --> 00:30:04.130 But I'm presenting here just
NOTE Confidence: 0.9812138

00:30:04.130 --> 00:30:05.730 the two main outcomes. The
NOTE Confidence: 0.9812138

00:30:05.730 --> 00:30:06.950 pairs of,
NOTE Confidence: 0.9993403

00:30:07.730 --> 00:30:08.870 bars on the left
NOTE Confidence: 0.988351

00:30:09.410 --> 00:30:10.630 are hospitalization
NOTE Confidence: 0.99949634

00:30:11.010 --> 00:30:11.510 outcomes

NOTE Confidence: 0.96159816

00:30:12.775 --> 00:30:14.535 and describe how both in

NOTE Confidence: 0.96159816

00:30:14.535 --> 00:30:16.055 step and in usual treatment,

NOTE Confidence: 0.96159816

00:30:16.055 --> 00:30:17.255 there was a reduction in

NOTE Confidence: 0.96159816

00:30:17.255 --> 00:30:17.755 hospitalization

NOTE Confidence: 0.96419215

00:30:18.375 --> 00:30:19.655 as you might expect when

NOTE Confidence: 0.96419215

00:30:19.655 --> 00:30:21.655 individuals enter care. But the

NOTE Confidence: 0.96419215

00:30:21.655 --> 00:30:23.515 reduction in step was significantly

NOTE Confidence: 0.96419215

00:30:23.735 --> 00:30:24.235 greater

NOTE Confidence: 0.9844384

00:30:24.615 --> 00:30:25.835 over the first year.

NOTE Confidence: 0.9243641

00:30:26.429 --> 00:30:27.169 And interestingly,

NOTE Confidence: 0.99549294

00:30:27.549 --> 00:30:28.909 on the outcomes that patients

NOTE Confidence: 0.99549294

00:30:28.909 --> 00:30:30.509 and families cared more about,

NOTE Confidence: 0.99549294

00:30:30.509 --> 00:30:31.169 which is

NOTE Confidence: 0.8983654

00:30:31.470 --> 00:30:33.730 vocational engagement, so were they

NOTE Confidence: 0.8983654

00:30:33.870 --> 00:30:35.070 engaged in at least part

NOTE Confidence: 0.8983654

00:30:35.070 --> 00:30:36.429 time school or work or
NOTE Confidence: 0.8983654

00:30:36.429 --> 00:30:36.929 better,
NOTE Confidence: 0.99912924

00:30:37.629 --> 00:30:38.929 the fraction of individuals
NOTE Confidence: 0.9400364

00:30:39.230 --> 00:30:40.049 who remained,
NOTE Confidence: 0.99955416

00:30:40.830 --> 00:30:41.649 in the labor
NOTE Confidence: 0.9840374

00:30:42.235 --> 00:30:44.075 force was significantly higher in
NOTE Confidence: 0.9840374

00:30:44.075 --> 00:30:46.174 step. So only eight percent
NOTE Confidence: 0.98516333

00:30:46.635 --> 00:30:47.995 had essentially dropped out and
NOTE Confidence: 0.98516333

00:30:47.995 --> 00:30:49.274 stopped looking for work or
NOTE Confidence: 0.98516333

00:30:49.274 --> 00:30:51.195 school, whereas this number was
NOTE Confidence: 0.98516333

00:30:51.195 --> 00:30:52.255 up to a third
NOTE Confidence: 0.99184775

00:30:52.635 --> 00:30:54.075 in people in usual care,
NOTE Confidence: 0.99184775

00:30:54.075 --> 00:30:56.095 which is striking given that
NOTE Confidence: 0.99184775

00:30:56.179 --> 00:30:57.539 these were typically individuals in
NOTE Confidence: 0.99184775

00:30:57.539 --> 00:30:58.760 their early twenties.
NOTE Confidence: 0.9979147

00:30:59.860 --> 00:31:00.600 Next slide.

NOTE Confidence: 0.94020045
00:31:03.620 --> 00:31:04.820 For those who are interested
NOTE Confidence: 0.94020045
00:31:04.820 --> 00:31:06.200 in the in the costs,
NOTE Confidence: 0.958071
00:31:06.500 --> 00:31:07.860 we I am showing here
NOTE Confidence: 0.958071
00:31:07.860 --> 00:31:09.000 a slide describing
NOTE Confidence: 0.95738465
00:31:09.380 --> 00:31:10.805 the drive the biggest driver
NOTE Confidence: 0.95738465
00:31:10.805 --> 00:31:12.005 of direct cost, which is
NOTE Confidence: 0.95738465
00:31:12.005 --> 00:31:12.505 hospitalization.
NOTE Confidence: 0.9902297
00:31:13.365 --> 00:31:14.405 And on the left is
NOTE Confidence: 0.9902297
00:31:14.405 --> 00:31:15.385 a steady reduction
NOTE Confidence: 0.97334576
00:31:15.845 --> 00:31:17.605 every six months after entry
NOTE Confidence: 0.97334576
00:31:17.605 --> 00:31:19.525 into step, compared to the
NOTE Confidence: 0.97334576
00:31:19.525 --> 00:31:20.985 six months prior.
NOTE Confidence: 0.974785
00:31:22.420 --> 00:31:23.700 This occurred as well in
NOTE Confidence: 0.974785
00:31:23.700 --> 00:31:25.560 usual treatment, which again is
NOTE Confidence: 0.974785
00:31:25.860 --> 00:31:27.780 a finding when individuals begin
NOTE Confidence: 0.974785

00:31:27.780 --> 00:31:29.160 care early in the course,
NOTE Confidence: 0.974785

00:31:29.220 --> 00:31:30.420 but it was not nearly
NOTE Confidence: 0.974785

00:31:30.420 --> 00:31:32.020 as dramatic and remained quite
NOTE Confidence: 0.974785

00:31:32.020 --> 00:31:33.620 high even one year after
NOTE Confidence: 0.974785

00:31:33.620 --> 00:31:35.560 entry into usual care.
NOTE Confidence: 0.9986363

00:31:38.025 --> 00:31:38.765 Next slide.
NOTE Confidence: 0.94713724

00:31:39.625 --> 00:31:40.825 So it's hard slide to
NOTE Confidence: 0.94713724

00:31:40.825 --> 00:31:42.105 see all the results, but
NOTE Confidence: 0.94713724

00:31:42.105 --> 00:31:43.225 the the main point to
NOTE Confidence: 0.94713724

00:31:43.225 --> 00:31:44.185 make here is that,
NOTE Confidence: 0.9984398

00:31:44.665 --> 00:31:46.685 in a review of ten
NOTE Confidence: 0.9393236

00:31:47.225 --> 00:31:48.905 experimental studies from around the
NOTE Confidence: 0.9393236

00:31:48.905 --> 00:31:50.505 world of which STEP was
NOTE Confidence: 0.9393236

00:31:50.505 --> 00:31:51.005 one,
NOTE Confidence: 0.99379253

00:31:51.670 --> 00:31:53.270 The data suggests in this
NOTE Confidence: 0.99379253

00:31:53.270 --> 00:31:54.250 review that

NOTE Confidence: 0.99311966
00:31:54.870 --> 00:31:56.550 these kinds of specialty early
NOTE Confidence: 0.99311966
00:31:56.550 --> 00:31:57.690 intervention services
NOTE Confidence: 0.9676248
00:31:59.030 --> 00:32:00.390 have positive effects on a
NOTE Confidence: 0.9676248
00:32:00.390 --> 00:32:02.810 variety of outcomes, including symptoms,
NOTE Confidence: 0.9941155
00:32:03.190 --> 00:32:04.330 psychiatric hospitalization,
NOTE Confidence: 0.9841761
00:32:05.164 --> 00:32:06.924 and also global functioning and
NOTE Confidence: 0.9841761
00:32:06.924 --> 00:32:08.284 measures of quality of life.
NOTE Confidence: 0.9841761
00:32:08.284 --> 00:32:08.784 So,
NOTE Confidence: 0.9683483
00:32:10.205 --> 00:32:11.965 the effects the positive effects
NOTE Confidence: 0.9683483
00:32:11.965 --> 00:32:13.725 of receiving care within these
NOTE Confidence: 0.9683483
00:32:13.725 --> 00:32:15.265 specialty teams are pervasive,
NOTE Confidence: 0.99739534
00:32:16.125 --> 00:32:17.585 and big enough in size
NOTE Confidence: 0.98911476
00:32:18.000 --> 00:32:19.440 to be worthy of an
NOTE Confidence: 0.98911476
00:32:19.440 --> 00:32:19.940 investment,
NOTE Confidence: 0.9806861
00:32:20.720 --> 00:32:22.020 by health care services.
NOTE Confidence: 0.99901986

00:32:22.800 --> 00:32:23.620 Next slide.
NOTE Confidence: 0.88120985

00:32:28.080 --> 00:32:29.540 Another review. And,
NOTE Confidence: 0.9496936

00:32:30.154 --> 00:32:31.674 here again, the focus was
NOTE Confidence: 0.9496936

00:32:31.674 --> 00:32:32.955 on the risk of relapse
NOTE Confidence: 0.9496936

00:32:32.955 --> 00:32:33.615 or readmission,
NOTE Confidence: 0.91552013

00:32:35.034 --> 00:32:36.475 offered variety of studies from
NOTE Confidence: 0.91552013

00:32:36.475 --> 00:32:37.995 around the world. And STEP
NOTE Confidence: 0.91552013

00:32:37.995 --> 00:32:39.674 was with its focus really
NOTE Confidence: 0.91552013

00:32:39.674 --> 00:32:41.215 in the US on reducing
NOTE Confidence: 0.91552013

00:32:41.434 --> 00:32:42.575 relapse and rehospitalization,
NOTE Confidence: 0.99943775

00:32:43.600 --> 00:32:44.100 given
NOTE Confidence: 0.91286665

00:32:44.480 --> 00:32:46.399 how expensive and disruptive these
NOTE Confidence: 0.91286665

00:32:46.399 --> 00:32:48.000 can be, was a positive
NOTE Confidence: 0.91286665

00:32:48.000 --> 00:32:50.000 outlier and, again, demonstrating a
NOTE Confidence: 0.91286665

00:32:50.000 --> 00:32:50.500 reduction,
NOTE Confidence: 0.9972183

00:32:51.519 --> 00:32:52.799 in favor of our model

NOTE Confidence: 0.9972183
00:32:52.799 --> 00:32:54.580 of care versus usual treatment.
NOTE Confidence: 0.97261864
00:32:55.534 --> 00:32:56.575 And, again, I've left the
NOTE Confidence: 0.97261864
00:32:56.575 --> 00:32:57.534 reference there for those who
NOTE Confidence: 0.97261864
00:32:57.534 --> 00:32:58.255 want to look at the
NOTE Confidence: 0.97261864
00:32:58.255 --> 00:32:59.774 details. Thanks, Laura. You can
NOTE Confidence: 0.97261864
00:32:59.774 --> 00:33:00.835 go to the next slide.
NOTE Confidence: 0.99175936
00:33:02.654 --> 00:33:03.154 So,
NOTE Confidence: 0.98778504
00:33:03.615 --> 00:33:04.735 just a summary of sort
NOTE Confidence: 0.98778504
00:33:04.735 --> 00:33:05.855 of the evolution and to
NOTE Confidence: 0.98778504
00:33:05.855 --> 00:33:06.575 make the point that,
NOTE Confidence: 0.9996654
00:33:07.850 --> 00:33:09.130 while the idea of doing
NOTE Confidence: 0.9996654
00:33:09.130 --> 00:33:09.950 early intervention
NOTE Confidence: 0.95857006
00:33:10.410 --> 00:33:11.390 is not new,
NOTE Confidence: 0.98284596
00:33:11.850 --> 00:33:13.050 in fact, it goes back
NOTE Confidence: 0.98284596
00:33:13.050 --> 00:33:15.230 to the nineteen hundreds when,
NOTE Confidence: 0.9825848

00:33:16.090 --> 00:33:17.790 these illnesses were first described.

NOTE Confidence: 0.99535835

00:33:18.410 --> 00:33:19.690 It was in two thousand

NOTE Confidence: 0.99535835

00:33:19.690 --> 00:33:21.150 and five when two

NOTE Confidence: 0.99931115

00:33:22.085 --> 00:33:23.865 experimental studies demonstrated

NOTE Confidence: 0.99805

00:33:24.245 --> 00:33:24.745 that

NOTE Confidence: 0.998869

00:33:25.205 --> 00:33:27.125 these kinds of services can

NOTE Confidence: 0.998869

00:33:27.125 --> 00:33:27.945 have a significant

NOTE Confidence: 0.99929214

00:33:28.485 --> 00:33:29.625 impact on outcomes.

NOTE Confidence: 0.98427993

00:33:30.645 --> 00:33:32.165 It took another ten years

NOTE Confidence: 0.98427993

00:33:32.165 --> 00:33:34.025 before we were able to

NOTE Confidence: 0.98427993

00:33:34.245 --> 00:33:36.245 adapt and replicate those studies

NOTE Confidence: 0.98427993

00:33:36.245 --> 00:33:37.065 in the US.

NOTE Confidence: 0.9655811

00:33:37.980 --> 00:33:38.960 And since then,

NOTE Confidence: 0.92639834

00:33:39.900 --> 00:33:41.500 we have good good data

NOTE Confidence: 0.92639834

00:33:41.500 --> 00:33:42.320 on costs

NOTE Confidence: 0.9151671

00:33:42.700 --> 00:33:43.180 and,

NOTE Confidence: 0.9665862
00:33:43.580 --> 00:33:45.920 the the health economic benefits
NOTE Confidence: 0.9665862
00:33:46.220 --> 00:33:47.500 of investing in these kinds
NOTE Confidence: 0.9665862
00:33:47.500 --> 00:33:48.160 of services
NOTE Confidence: 0.99883956
00:33:48.700 --> 00:33:49.680 for these patients.
NOTE Confidence: 0.99486405
00:33:50.235 --> 00:33:51.835 So we have data on
NOTE Confidence: 0.99486405
00:33:51.835 --> 00:33:52.335 efficacy,
NOTE Confidence: 0.9928521
00:33:53.195 --> 00:33:54.795 on effectiveness, which is the
NOTE Confidence: 0.9928521
00:33:54.795 --> 00:33:56.255 more real world question.
NOTE Confidence: 0.97896254
00:33:56.555 --> 00:33:58.015 We have data on cost,
NOTE Confidence: 0.9959123
00:33:58.715 --> 00:33:59.995 and the and whether the
NOTE Confidence: 0.9959123
00:33:59.995 --> 00:34:01.675 investments made are are worth
NOTE Confidence: 0.9959123
00:34:01.675 --> 00:34:03.160 it. I think the big
NOTE Confidence: 0.9959123
00:34:03.160 --> 00:34:03.660 question
NOTE Confidence: 0.99200344
00:34:03.960 --> 00:34:04.460 now,
NOTE Confidence: 0.96669835
00:34:04.840 --> 00:34:06.280 especially in the US is,
NOTE Confidence: 0.96669835

00:34:06.280 --> 00:34:07.800 can these models that have
NOTE Confidence: 0.96669835

00:34:07.800 --> 00:34:08.940 demonstrated impact,
NOTE Confidence: 0.97374856

00:34:09.480 --> 00:34:11.980 be scaled across community settings?
NOTE Confidence: 0.9957203

00:34:12.520 --> 00:34:13.719 And I list a few
NOTE Confidence: 0.9957203

00:34:13.719 --> 00:34:14.920 states in the US that
NOTE Confidence: 0.9957203

00:34:14.920 --> 00:34:16.300 have led on statewide
NOTE Confidence: 0.9954064

00:34:16.600 --> 00:34:17.100 implementations
NOTE Confidence: 0.9809824

00:34:17.585 --> 00:34:19.125 of these models of care.
NOTE Confidence: 0.9809824

00:34:19.424 --> 00:34:21.265 And we're very excited to
NOTE Confidence: 0.9809824

00:34:21.265 --> 00:34:21.765 be
NOTE Confidence: 0.8228705

00:34:23.904 --> 00:34:25.444 thinking and hopefully launching
NOTE Confidence: 0.7490506

00:34:26.384 --> 00:34:27.045 a Connecticut
NOTE Confidence: 0.9847414

00:34:27.344 --> 00:34:28.785 based response that,
NOTE Confidence: 0.9706087

00:34:29.344 --> 00:34:30.724 under this learning collaborative,
NOTE Confidence: 0.9701818

00:34:31.820 --> 00:34:33.100 will I hope emerge over
NOTE Confidence: 0.9701818

00:34:33.100 --> 00:34:34.140 the next few years where

NOTE Confidence: 0.9701818

00:34:34.140 --> 00:34:36.140 we can deliver on improved

NOTE Confidence: 0.9701818

00:34:36.140 --> 00:34:36.640 access

NOTE Confidence: 0.9879342

00:34:37.180 --> 00:34:38.400 and treatment outcomes,

NOTE Confidence: 0.9886062

00:34:38.780 --> 00:34:39.760 for these individuals.

NOTE Confidence: 0.9731395

00:34:40.700 --> 00:34:41.520 Next slide.

NOTE Confidence: 0.9832055

00:34:43.180 --> 00:34:44.380 So I wanted to say

NOTE Confidence: 0.9832055

00:34:44.380 --> 00:34:45.440 a little bit about,

NOTE Confidence: 0.86736

00:34:48.135 --> 00:34:49.675 a study we did at

NOTE Confidence: 0.86736

00:34:49.815 --> 00:34:50.475 at STEP,

NOTE Confidence: 0.9995898

00:34:51.015 --> 00:34:51.675 to improve

NOTE Confidence: 0.98586893

00:34:52.935 --> 00:34:54.075 access to care,

NOTE Confidence: 0.985629

00:34:54.695 --> 00:34:55.655 both in terms of the

NOTE Confidence: 0.985629

00:34:55.655 --> 00:34:57.575 duration of untreated psychosis, but

NOTE Confidence: 0.985629

00:34:57.575 --> 00:34:58.935 also the quality of the

NOTE Confidence: 0.985629

00:34:58.935 --> 00:34:59.435 pathways,

NOTE Confidence: 0.9904499

00:35:00.135 --> 00:35:00.875 to care.
NOTE Confidence: 0.97090137

00:35:02.000 --> 00:35:02.640 And we,
NOTE Confidence: 0.9944828

00:35:03.119 --> 00:35:04.579 completed what is the first
NOTE Confidence: 0.9867328

00:35:05.119 --> 00:35:06.800 US experimental test of an
NOTE Confidence: 0.9867328

00:35:06.800 --> 00:35:07.619 early detection,
NOTE Confidence: 0.99799794

00:35:08.640 --> 00:35:10.660 campaign that that was targeting
NOTE Confidence: 0.9718521

00:35:11.520 --> 00:35:13.119 ten towns around step to
NOTE Confidence: 0.9718521

00:35:13.119 --> 00:35:14.719 reduce delays to care. The
NOTE Confidence: 0.9718521

00:35:14.719 --> 00:35:16.000 campaign was called mind map,
NOTE Confidence: 0.9718521

00:35:16.000 --> 00:35:17.025 and you can see here
NOTE Confidence: 0.9718521

00:35:17.105 --> 00:35:18.645 a couple of the,
NOTE Confidence: 0.9871697

00:35:19.344 --> 00:35:20.704 sort of pictures of of
NOTE Confidence: 0.9871697

00:35:20.704 --> 00:35:21.984 participants who helped us in
NOTE Confidence: 0.9871697

00:35:21.984 --> 00:35:22.645 the campaign.
NOTE Confidence: 0.98194516

00:35:23.265 --> 00:35:24.005 Next slide.
NOTE Confidence: 0.99673754

00:35:27.904 --> 00:35:28.404 The

NOTE Confidence: 0.9818774
00:35:28.944 --> 00:35:30.164 the study was,
NOTE Confidence: 0.9817564
00:35:30.704 --> 00:35:32.430 a replication of of a
NOTE Confidence: 0.9817564
00:35:32.430 --> 00:35:34.369 previous study in Norway, which,
NOTE Confidence: 0.99983984
00:35:34.750 --> 00:35:35.969 is the only other
NOTE Confidence: 0.99902016
00:35:36.349 --> 00:35:38.290 study now that has demonstrated
NOTE Confidence: 0.99902016
00:35:38.510 --> 00:35:40.030 a reduction in the duration
NOTE Confidence: 0.99902016
00:35:40.030 --> 00:35:41.250 of untreated psychosis
NOTE Confidence: 0.9990169
00:35:41.630 --> 00:35:43.170 across an entire community.
NOTE Confidence: 0.9984748
00:35:43.869 --> 00:35:44.369 And
NOTE Confidence: 0.99057806
00:35:45.035 --> 00:35:46.575 like the Norwegian study,
NOTE Confidence: 0.9110598
00:35:46.955 --> 00:35:48.555 we had a site which
NOTE Confidence: 0.9110598
00:35:48.555 --> 00:35:50.335 was STEP in Southern Connecticut
NOTE Confidence: 0.9110598
00:35:50.555 --> 00:35:51.295 where we
NOTE Confidence: 0.9584566
00:35:51.915 --> 00:35:53.355 ran a campaign to reduce
NOTE Confidence: 0.9584566
00:35:53.355 --> 00:35:54.635 delays to care. And we
NOTE Confidence: 0.9584566

00:35:54.635 --> 00:35:56.015 had a control site,
NOTE Confidence: 0.9258703
00:35:56.475 --> 00:35:57.835 which was a a clinic
NOTE Confidence: 0.9258703
00:35:57.835 --> 00:35:59.455 much like ours in Metropolitan
NOTE Confidence: 0.9258703
00:35:59.675 --> 00:36:00.175 Boston,
NOTE Confidence: 0.9483969
00:36:01.650 --> 00:36:03.810 which provided very similar care,
NOTE Confidence: 0.9483969
00:36:03.810 --> 00:36:05.329 but unlike us did not
NOTE Confidence: 0.9483969
00:36:05.329 --> 00:36:07.270 run an early detection campaign.
NOTE Confidence: 0.99816495
00:36:07.570 --> 00:36:08.849 And the idea here was
NOTE Confidence: 0.99816495
00:36:08.849 --> 00:36:09.989 to be able to demonstrate
NOTE Confidence: 0.99816495
00:36:10.050 --> 00:36:11.750 that the campaign was responsible
NOTE Confidence: 0.99816495
00:36:11.890 --> 00:36:12.390 for
NOTE Confidence: 0.8500416
00:36:12.855 --> 00:36:14.455 the improvements in Pathways to
NOTE Confidence: 0.8500416
00:36:14.455 --> 00:36:15.435 Care and DUP,
NOTE Confidence: 0.95780885
00:36:15.895 --> 00:36:17.435 and this wasn't some other,
NOTE Confidence: 0.97448045
00:36:18.695 --> 00:36:20.935 unrelated variable either in terms
NOTE Confidence: 0.97448045
00:36:20.935 --> 00:36:21.435 of

NOTE Confidence: 0.87950385

00:36:22.215 --> 00:36:23.835 changes in health care policy

NOTE Confidence: 0.98114246

00:36:24.295 --> 00:36:25.895 or insurance coverage that could

NOTE Confidence: 0.98114246

00:36:25.895 --> 00:36:27.975 explain these these differences between

NOTE Confidence: 0.98114246

00:36:27.975 --> 00:36:28.555 the sites.

NOTE Confidence: 0.80240846

00:36:30.160 --> 00:36:30.900 Next slide.

NOTE Confidence: 0.9825401

00:36:32.800 --> 00:36:34.000 So the the campaign that

NOTE Confidence: 0.9825401

00:36:34.000 --> 00:36:34.960 we ran that some of

NOTE Confidence: 0.9825401

00:36:34.960 --> 00:36:35.920 you may have heard of

NOTE Confidence: 0.9825401

00:36:35.920 --> 00:36:37.840 included three major components. One

NOTE Confidence: 0.9825401

00:36:37.840 --> 00:36:39.700 was, focused on the public,

NOTE Confidence: 0.9986989

00:36:40.080 --> 00:36:41.700 using social and mass media.

NOTE Confidence: 0.9804832

00:36:42.455 --> 00:36:44.135 The another leg was focused

NOTE Confidence: 0.9804832

00:36:44.135 --> 00:36:45.355 on professionals,

NOTE Confidence: 0.9596688

00:36:45.895 --> 00:36:47.575 primary care and behavioral health

NOTE Confidence: 0.9596688

00:36:47.575 --> 00:36:48.315 care agencies,

NOTE Confidence: 0.9943197

00:36:49.575 --> 00:36:51.355 who would be referral sources

NOTE Confidence: 0.9943197

00:36:51.415 --> 00:36:52.315 to our clinic.

NOTE Confidence: 0.98774225

00:36:52.935 --> 00:36:54.135 And the third was really

NOTE Confidence: 0.98774225

00:36:54.135 --> 00:36:54.635 a

NOTE Confidence: 0.9992957

00:36:55.080 --> 00:36:55.900 performance improvement

NOTE Confidence: 0.9943265

00:36:56.600 --> 00:36:58.440 approach to reduce wait times

NOTE Confidence: 0.9943265

00:36:58.440 --> 00:36:59.480 at our front door and

NOTE Confidence: 0.9943265

00:36:59.480 --> 00:37:01.500 bring people into care rapidly

NOTE Confidence: 0.9943265

00:37:01.560 --> 00:37:02.600 after they were referred to

NOTE Confidence: 0.9943265

00:37:02.600 --> 00:37:03.900 us. Next slide.

NOTE Confidence: 0.85350597

00:37:06.360 --> 00:37:07.580 There's here are some

NOTE Confidence: 0.9582557

00:37:07.935 --> 00:37:10.015 pictures really of the various

NOTE Confidence: 0.9582557

00:37:10.015 --> 00:37:11.695 kinds of messaging we used

NOTE Confidence: 0.9582557

00:37:11.695 --> 00:37:13.215 in social and mass media.

NOTE Confidence: 0.9582557

00:37:13.215 --> 00:37:14.495 Top left is our website

NOTE Confidence: 0.9582557

00:37:14.495 --> 00:37:15.315 we had developed.

NOTE Confidence: 0.9777177

00:37:15.695 --> 00:37:16.915 Top right is a description

NOTE Confidence: 0.9777177

00:37:16.975 --> 00:37:18.114 of our care model,

NOTE Confidence: 0.98646927

00:37:18.735 --> 00:37:20.094 and then various messages that

NOTE Confidence: 0.98646927

00:37:20.094 --> 00:37:21.395 we put out in media,

NOTE Confidence: 0.9702959

00:37:22.140 --> 00:37:24.460 to increase awareness, but also

NOTE Confidence: 0.9702959

00:37:24.460 --> 00:37:26.480 to increase referrals of individuals

NOTE Confidence: 0.99941695

00:37:26.780 --> 00:37:28.880 to our service. Next slide.

NOTE Confidence: 0.99262995

00:37:31.500 --> 00:37:32.480 On the top is,

NOTE Confidence: 0.95458454

00:37:33.020 --> 00:37:34.539 we use skins on local

NOTE Confidence: 0.95458454

00:37:34.539 --> 00:37:35.599 buses to

NOTE Confidence: 0.9829724

00:37:37.085 --> 00:37:39.165 transmit our message that people

NOTE Confidence: 0.9829724

00:37:39.165 --> 00:37:40.844 could call a referral number

NOTE Confidence: 0.9829724

00:37:40.844 --> 00:37:41.344 and,

NOTE Confidence: 0.9983494

00:37:42.125 --> 00:37:43.744 be provided information

NOTE Confidence: 0.979863

00:37:44.045 --> 00:37:45.645 and an active assistance to

NOTE Confidence: 0.979863

00:37:45.645 --> 00:37:46.765 enter into care in our
NOTE Confidence: 0.979863

00:37:46.765 --> 00:37:47.265 clinic.
NOTE Confidence: 0.9929303

00:37:47.805 --> 00:37:49.165 We were on local TV
NOTE Confidence: 0.9929303

00:37:49.165 --> 00:37:50.224 and local newspapers.
NOTE Confidence: 0.93989813

00:37:50.924 --> 00:37:52.020 Go to the next slide.
NOTE Confidence: 0.99616987

00:37:54.500 --> 00:37:55.000 And
NOTE Confidence: 0.9910776

00:37:55.700 --> 00:37:57.060 in our professional outreach and
NOTE Confidence: 0.9910776

00:37:57.060 --> 00:37:59.320 detailing, we identified several distinct
NOTE Confidence: 0.9910776

00:37:59.380 --> 00:38:00.840 sectors in our region
NOTE Confidence: 0.98804384

00:38:01.140 --> 00:38:02.520 that we did outreach,
NOTE Confidence: 0.93261087

00:38:03.700 --> 00:38:05.880 to and also then conducted
NOTE Confidence: 0.97641504

00:38:06.665 --> 00:38:09.305 frequent detailing interactions, phone calls,
NOTE Confidence: 0.97641504

00:38:09.305 --> 00:38:10.844 and visits to people's workplaces
NOTE Confidence: 0.9922283

00:38:11.545 --> 00:38:13.065 to inform them about the
NOTE Confidence: 0.9922283

00:38:13.065 --> 00:38:14.265 work in our clinic and
NOTE Confidence: 0.9922283

00:38:14.265 --> 00:38:15.625 to encourage them to refer

NOTE Confidence: 0.9922283

00:38:15.625 --> 00:38:17.465 individuals to us, as soon

NOTE Confidence: 0.9922283

00:38:17.465 --> 00:38:18.125 as possible.

NOTE Confidence: 0.99060404

00:38:19.065 --> 00:38:19.885 Next slide.

NOTE Confidence: 0.897927

00:38:21.420 --> 00:38:23.420 Some pictures of our campaign

NOTE Confidence: 0.897927

00:38:23.420 --> 00:38:24.780 launch top right with,

NOTE Confidence: 0.9990454

00:38:25.420 --> 00:38:26.160 with leadership

NOTE Confidence: 0.96780604

00:38:26.460 --> 00:38:28.059 from the state, including the

NOTE Confidence: 0.96780604

00:38:28.059 --> 00:38:29.739 Department of Mental Health, the

NOTE Confidence: 0.96780604

00:38:29.739 --> 00:38:31.839 governor's office, our own department,

NOTE Confidence: 0.99718374

00:38:32.300 --> 00:38:33.660 and then many public events

NOTE Confidence: 0.99718374

00:38:33.660 --> 00:38:35.040 in which we were involved

NOTE Confidence: 0.99718374

00:38:35.099 --> 00:38:35.599 to

NOTE Confidence: 0.9966122

00:38:35.925 --> 00:38:37.525 interact with the public, educate

NOTE Confidence: 0.9966122

00:38:37.525 --> 00:38:38.885 them, and then enable them

NOTE Confidence: 0.9966122

00:38:38.885 --> 00:38:40.485 to make rapid referrals to

NOTE Confidence: 0.9966122

00:38:40.485 --> 00:38:41.225 our service.
NOTE Confidence: 0.9645394

00:38:41.925 --> 00:38:42.745 Next slide.
NOTE Confidence: 0.9871892

00:38:44.565 --> 00:38:46.085 So this is, I I
NOTE Confidence: 0.9871892

00:38:46.085 --> 00:38:46.965 could say a lot more
NOTE Confidence: 0.9871892

00:38:46.965 --> 00:38:48.005 about the details of the
NOTE Confidence: 0.9871892

00:38:48.005 --> 00:38:48.885 campaign. This is sort of
NOTE Confidence: 0.9871892

00:38:48.885 --> 00:38:49.925 the bottom line is that
NOTE Confidence: 0.9871892

00:38:49.925 --> 00:38:51.385 we were able to
NOTE Confidence: 0.99940526

00:38:51.690 --> 00:38:52.190 have
NOTE Confidence: 0.999609

00:38:52.489 --> 00:38:54.270 the duration of untreated psychosis
NOTE Confidence: 0.99842376

00:38:54.969 --> 00:38:56.890 across ten target towns in
NOTE Confidence: 0.99842376

00:38:56.890 --> 00:38:57.550 our region.
NOTE Confidence: 0.928956

00:38:58.250 --> 00:38:59.369 I give them in different
NOTE Confidence: 0.928956

00:38:59.369 --> 00:39:00.650 units for people who prefer
NOTE Confidence: 0.928956

00:39:00.650 --> 00:39:02.190 thinking in days versus weeks.
NOTE Confidence: 0.9967661

00:39:02.810 --> 00:39:04.109 But by way of context,

NOTE Confidence: 0.9967661
00:39:04.170 --> 00:39:05.849 our reduction from ten to
NOTE Confidence: 0.9967661
00:39:05.849 --> 00:39:07.675 five months was very similar
NOTE Confidence: 0.9967661
00:39:07.675 --> 00:39:08.815 in size to
NOTE Confidence: 0.9568618
00:39:09.194 --> 00:39:10.635 the the the study in
NOTE Confidence: 0.9568618
00:39:10.635 --> 00:39:11.135 Norway.
NOTE Confidence: 0.9961836
00:39:12.075 --> 00:39:13.275 And we know from the
NOTE Confidence: 0.9961836
00:39:13.275 --> 00:39:14.895 largest study in the US
NOTE Confidence: 0.9961836
00:39:14.954 --> 00:39:15.454 that
NOTE Confidence: 0.9796654
00:39:15.994 --> 00:39:18.015 the average or median DUP
NOTE Confidence: 0.9786348
00:39:18.395 --> 00:39:19.915 is closer to seventy four
NOTE Confidence: 0.9786348
00:39:19.915 --> 00:39:21.755 weeks. So while we started
NOTE Confidence: 0.9786348
00:39:21.755 --> 00:39:22.255 off,
NOTE Confidence: 0.9994738
00:39:23.570 --> 00:39:24.550 in our region
NOTE Confidence: 0.92971456
00:39:24.850 --> 00:39:26.130 at less than that about
NOTE Confidence: 0.92971456
00:39:26.130 --> 00:39:27.270 forty five weeks,
NOTE Confidence: 0.96005785

00:39:28.530 --> 00:39:29.810 we were able to reduce
NOTE Confidence: 0.96005785

00:39:29.810 --> 00:39:30.630 it considerably,
NOTE Confidence: 0.99851435

00:39:31.250 --> 00:39:32.310 and we are
NOTE Confidence: 0.938746

00:39:33.090 --> 00:39:34.469 happily now publishing
NOTE Confidence: 0.9885381

00:39:34.850 --> 00:39:36.710 results showing that this reduction
NOTE Confidence: 0.9995328

00:39:37.485 --> 00:39:37.985 translated
NOTE Confidence: 0.94942576

00:39:38.285 --> 00:39:39.825 to improved presentations
NOTE Confidence: 0.9984718

00:39:40.205 --> 00:39:40.945 to our clinic
NOTE Confidence: 0.80645585

00:39:41.245 --> 00:39:41.985 and also,
NOTE Confidence: 0.974153

00:39:42.765 --> 00:39:45.165 improvements in outcomes six months
NOTE Confidence: 0.974153

00:39:45.165 --> 00:39:46.385 and a year later.
NOTE Confidence: 0.9788486

00:39:46.925 --> 00:39:47.645 You can go to the
NOTE Confidence: 0.9788486

00:39:47.645 --> 00:39:48.385 next slide.
NOTE Confidence: 0.950819

00:39:50.500 --> 00:39:51.380 Oh, and and I put
NOTE Confidence: 0.950819

00:39:51.380 --> 00:39:52.660 this up here also because
NOTE Confidence: 0.950819

00:39:52.660 --> 00:39:54.440 we learned many lessons

NOTE Confidence: 0.97618973
00:39:54.980 --> 00:39:55.480 about,
NOTE Confidence: 0.9834083
00:39:56.339 --> 00:39:58.259 the pathways to care, the
NOTE Confidence: 0.9834083
00:39:58.259 --> 00:39:59.859 the the routes that people
NOTE Confidence: 0.9834083
00:39:59.859 --> 00:40:00.759 took on
NOTE Confidence: 0.99320966
00:40:01.555 --> 00:40:03.015 their way to our clinic,
NOTE Confidence: 0.9991934
00:40:03.635 --> 00:40:04.135 through
NOTE Confidence: 0.98870593
00:40:04.515 --> 00:40:05.875 questions we asked of them
NOTE Confidence: 0.98870593
00:40:05.875 --> 00:40:07.315 and their family members and
NOTE Confidence: 0.98870593
00:40:07.315 --> 00:40:08.215 referral sources.
NOTE Confidence: 0.9858337
00:40:08.915 --> 00:40:10.195 And this network graph is
NOTE Confidence: 0.9858337
00:40:10.195 --> 00:40:11.955 just a visual display of
NOTE Confidence: 0.9858337
00:40:11.955 --> 00:40:12.695 a significant,
NOTE Confidence: 0.985672
00:40:13.315 --> 00:40:14.515 number of people who came
NOTE Confidence: 0.985672
00:40:14.515 --> 00:40:16.210 to us where from the
NOTE Confidence: 0.985672
00:40:16.210 --> 00:40:17.330 the time of the onset
NOTE Confidence: 0.985672

00:40:17.330 --> 00:40:18.070 of symptoms
NOTE Confidence: 0.9410159

00:40:18.450 --> 00:40:19.989 to the first help seeking
NOTE Confidence: 0.9410159

00:40:20.050 --> 00:40:21.330 individual, which is often the
NOTE Confidence: 0.9410159

00:40:21.330 --> 00:40:22.310 family member,
NOTE Confidence: 0.9504805

00:40:22.770 --> 00:40:24.130 pathways, as you can see,
NOTE Confidence: 0.9504805

00:40:24.130 --> 00:40:25.650 often ran first to the
NOTE Confidence: 0.9504805

00:40:25.650 --> 00:40:27.650 ED, the emergency department, and
NOTE Confidence: 0.9504805

00:40:27.650 --> 00:40:29.505 then an inpatient unit, and
NOTE Confidence: 0.9504805

00:40:29.505 --> 00:40:30.244 then across,
NOTE Confidence: 0.97331643

00:40:31.025 --> 00:40:32.704 the graph to STEP. But
NOTE Confidence: 0.97331643

00:40:32.704 --> 00:40:34.005 there were, of course, myriad
NOTE Confidence: 0.97331643

00:40:34.065 --> 00:40:35.424 other ways in which people
NOTE Confidence: 0.97331643

00:40:35.424 --> 00:40:35.924 might,
NOTE Confidence: 0.9553887

00:40:36.464 --> 00:40:38.545 seek help multiple times from
NOTE Confidence: 0.9553887

00:40:38.545 --> 00:40:39.904 many different actors in a
NOTE Confidence: 0.9553887

00:40:39.904 --> 00:40:41.585 local network before they are

NOTE Confidence: 0.9553887

00:40:41.585 --> 00:40:43.025 routed to a clinic like

NOTE Confidence: 0.9553887

00:40:43.025 --> 00:40:43.984 STEP in a region. So

NOTE Confidence: 0.9553887

00:40:43.984 --> 00:40:45.239 it it illustrates, I think,

NOTE Confidence: 0.9553887

00:40:45.239 --> 00:40:46.520 what many of you, I'm

NOTE Confidence: 0.9553887

00:40:46.520 --> 00:40:47.960 sure, have already heard in

NOTE Confidence: 0.9553887

00:40:47.960 --> 00:40:49.340 the histories of your patients

NOTE Confidence: 0.88542104

00:40:49.719 --> 00:40:49.960 that,

NOTE Confidence: 0.9817438

00:40:51.400 --> 00:40:52.760 go getting to care and

NOTE Confidence: 0.9817438

00:40:52.760 --> 00:40:53.800 finding out where to go

NOTE Confidence: 0.9817438

00:40:53.800 --> 00:40:55.400 to care can be quite

NOTE Confidence: 0.9817438

00:40:55.400 --> 00:40:57.239 a torturous journey that can

NOTE Confidence: 0.9817438

00:40:57.239 --> 00:40:58.755 take a lot of

NOTE Confidence: 0.9651353

00:40:59.215 --> 00:41:00.975 interactions, involve many different members

NOTE Confidence: 0.9651353

00:41:00.975 --> 00:41:02.035 of a local community

NOTE Confidence: 0.90374887

00:41:02.895 --> 00:41:04.435 who can all be organized,

NOTE Confidence: 0.9995968

00:41:05.855 --> 00:41:07.155 to help improve
NOTE Confidence: 0.9701295

00:41:07.535 --> 00:41:08.994 and hasten these pathways,
NOTE Confidence: 0.9990989

00:41:09.695 --> 00:41:10.835 but who can also
NOTE Confidence: 0.9547262

00:41:11.295 --> 00:41:12.655 present in some ways in
NOTE Confidence: 0.9547262

00:41:12.655 --> 00:41:13.795 their own way as
NOTE Confidence: 0.9821312

00:41:14.390 --> 00:41:16.489 barriers or sources of delay
NOTE Confidence: 0.9821312

00:41:16.550 --> 00:41:17.850 if they do not understand
NOTE Confidence: 0.9821312

00:41:17.910 --> 00:41:19.670 what they're confronting and cannot
NOTE Confidence: 0.9821312

00:41:19.670 --> 00:41:21.850 cooperate to help a person,
NOTE Confidence: 0.9912246

00:41:22.230 --> 00:41:23.450 access care quickly.
NOTE Confidence: 0.90920323

00:41:24.469 --> 00:41:25.450 Next slide, please.
NOTE Confidence: 0.93291825

00:41:27.565 --> 00:41:28.945 So to summarize,
NOTE Confidence: 0.85431105

00:41:29.245 --> 00:41:30.945 I I have rushed through
NOTE Confidence: 0.85431105

00:41:31.085 --> 00:41:31.885 a lot of,
NOTE Confidence: 0.9080875

00:41:32.285 --> 00:41:33.965 work done over now almost
NOTE Confidence: 0.9080875

00:41:33.965 --> 00:41:35.265 fifteen years, but,

NOTE Confidence: 0.9977577
00:41:35.885 --> 00:41:37.165 the good news is that
NOTE Confidence: 0.9977577
00:41:37.165 --> 00:41:38.205 we have been able to
NOTE Confidence: 0.9977577
00:41:38.205 --> 00:41:38.705 demonstrate
NOTE Confidence: 0.99802125
00:41:39.540 --> 00:41:40.040 utilizing
NOTE Confidence: 0.98523897
00:41:40.420 --> 00:41:42.739 tools that, we believe exist
NOTE Confidence: 0.98523897
00:41:42.739 --> 00:41:43.780 and are available to all
NOTE Confidence: 0.98523897
00:41:43.780 --> 00:41:44.360 of us
NOTE Confidence: 0.95233536
00:41:44.660 --> 00:41:46.340 to improve both the outcomes
NOTE Confidence: 0.95233536
00:41:46.340 --> 00:41:47.219 of care that is the
NOTE Confidence: 0.95233536
00:41:47.219 --> 00:41:47.719 quality,
NOTE Confidence: 0.97088945
00:41:48.260 --> 00:41:49.000 but also
NOTE Confidence: 0.93517715
00:41:49.860 --> 00:41:51.940 reduce delays and improve access
NOTE Confidence: 0.93517715
00:41:51.940 --> 00:41:52.440 pathways
NOTE Confidence: 0.95283455
00:41:53.495 --> 00:41:55.195 within this defined catchment,
NOTE Confidence: 0.8646848
00:41:55.975 --> 00:41:56.795 around step.
NOTE Confidence: 0.94507176

00:41:57.575 --> 00:41:58.855 And we think that this
NOTE Confidence: 0.94507176

00:41:58.855 --> 00:41:59.355 partnership
NOTE Confidence: 0.9323452

00:42:00.375 --> 00:42:01.675 that allowed us to,
NOTE Confidence: 0.99744076

00:42:02.455 --> 00:42:03.895 apply for grants and test
NOTE Confidence: 0.99744076

00:42:03.895 --> 00:42:05.114 these models of care
NOTE Confidence: 0.97580403

00:42:07.040 --> 00:42:09.040 has greater relevance for other
NOTE Confidence: 0.97580403

00:42:09.040 --> 00:42:10.080 regions of the state. And
NOTE Confidence: 0.97580403

00:42:10.080 --> 00:42:11.040 so this is really the
NOTE Confidence: 0.97580403

00:42:11.040 --> 00:42:12.580 question that we are confronting,
NOTE Confidence: 0.99760103

00:42:13.280 --> 00:42:14.080 and we hope to work
NOTE Confidence: 0.99760103

00:42:14.080 --> 00:42:15.460 with all of you around
NOTE Confidence: 0.99760103

00:42:15.600 --> 00:42:16.960 whether we can leverage this
NOTE Confidence: 0.99760103

00:42:16.960 --> 00:42:19.140 to improve access and outcomes
NOTE Confidence: 0.99329704

00:42:19.440 --> 00:42:19.940 statewide.
NOTE Confidence: 0.9973477

00:42:21.065 --> 00:42:22.025 I think I have just
NOTE Confidence: 0.9973477

00:42:22.025 --> 00:42:23.404 one more slide.

NOTE Confidence: 0.9895659
00:42:25.305 --> 00:42:26.424 So we think of what
NOTE Confidence: 0.9895659
00:42:26.424 --> 00:42:27.704 we've done in these ten
NOTE Confidence: 0.9895659
00:42:27.704 --> 00:42:28.204 towns,
NOTE Confidence: 0.95173115
00:42:28.744 --> 00:42:30.505 around step as a kind
NOTE Confidence: 0.95173115
00:42:30.505 --> 00:42:31.944 of prototype or a model
NOTE Confidence: 0.95173115
00:42:31.944 --> 00:42:33.224 that we've been running now
NOTE Confidence: 0.95173115
00:42:33.224 --> 00:42:34.364 since twenty fifteen.
NOTE Confidence: 0.99301535
00:42:35.160 --> 00:42:37.239 And the different modules that
NOTE Confidence: 0.99301535
00:42:37.239 --> 00:42:37.739 Laura,
NOTE Confidence: 0.95222795
00:42:38.280 --> 00:42:40.140 initially outlined and will be
NOTE Confidence: 0.95222795
00:42:40.280 --> 00:42:41.900 returning to in this seminar
NOTE Confidence: 0.9642457
00:42:42.680 --> 00:42:44.460 really describe the care pathway
NOTE Confidence: 0.9642457
00:42:44.599 --> 00:42:45.739 that we have constructed
NOTE Confidence: 0.716989
00:42:46.359 --> 00:42:47.965 that we have announced
NOTE Confidence: 0.96714866
00:42:48.265 --> 00:42:50.285 seeking to deliver to every
NOTE Confidence: 0.9929393

00:42:50.825 --> 00:42:52.825 eligible individual in these ten
NOTE Confidence: 0.9929393

00:42:52.825 --> 00:42:53.325 towns.
NOTE Confidence: 0.95101327

00:42:54.025 --> 00:42:55.385 And in trying to do
NOTE Confidence: 0.95101327

00:42:55.385 --> 00:42:56.745 this, we see our early
NOTE Confidence: 0.95101327

00:42:56.745 --> 00:42:58.505 intervention service as really an
NOTE Confidence: 0.95101327

00:42:58.505 --> 00:42:59.005 integrator
NOTE Confidence: 0.99905294

00:42:59.910 --> 00:43:01.430 of the activities of all
NOTE Confidence: 0.99905294

00:43:01.430 --> 00:43:02.170 these different
NOTE Confidence: 0.999316

00:43:02.549 --> 00:43:03.049 stakeholders
NOTE Confidence: 0.9982804

00:43:03.510 --> 00:43:04.809 across education,
NOTE Confidence: 0.945408

00:43:06.230 --> 00:43:08.089 criminal justice, social welfare,
NOTE Confidence: 0.9861516

00:43:08.710 --> 00:43:10.069 to both engage them in
NOTE Confidence: 0.9861516

00:43:10.069 --> 00:43:11.450 helping us improve
NOTE Confidence: 0.98384136

00:43:11.750 --> 00:43:13.670 access pathways to our service
NOTE Confidence: 0.98384136

00:43:13.670 --> 00:43:14.410 in the region,
NOTE Confidence: 0.98490876

00:43:15.025 --> 00:43:16.545 but also assisting us as

NOTE Confidence: 0.98490876
00:43:16.545 --> 00:43:17.905 they go through care in
NOTE Confidence: 0.98490876
00:43:17.905 --> 00:43:19.445 terms of serving as resources
NOTE Confidence: 0.98490876
00:43:19.585 --> 00:43:21.045 for, our patients,
NOTE Confidence: 0.97176313
00:43:21.665 --> 00:43:22.945 as they receive our care
NOTE Confidence: 0.97176313
00:43:22.945 --> 00:43:24.565 in these modules and then
NOTE Confidence: 0.97176313
00:43:24.785 --> 00:43:27.344 transfer back to community based
NOTE Confidence: 0.97176313
00:43:27.344 --> 00:43:27.825 care,
NOTE Confidence: 0.9570076
00:43:28.225 --> 00:43:29.344 close to where they live
NOTE Confidence: 0.9570076
00:43:29.344 --> 00:43:30.165 in the region.
NOTE Confidence: 0.99513066
00:43:32.320 --> 00:43:33.920 I think we have another
NOTE Confidence: 0.99513066
00:43:33.920 --> 00:43:35.700 slide. Oh, yes. So
NOTE Confidence: 0.97206616
00:43:36.000 --> 00:43:36.480 so,
NOTE Confidence: 0.99063087
00:43:37.040 --> 00:43:38.400 this is something we'll return
NOTE Confidence: 0.99063087
00:43:38.400 --> 00:43:39.520 to in the last session
NOTE Confidence: 0.99063087
00:43:39.520 --> 00:43:40.260 of the course.
NOTE Confidence: 0.99208033

00:43:41.680 --> 00:43:43.280 These sessions are primarily to

NOTE Confidence: 0.99208033

00:43:43.280 --> 00:43:44.480 introduce you to our care

NOTE Confidence: 0.99208033

00:43:44.480 --> 00:43:44.980 pathway

NOTE Confidence: 0.990919

00:43:45.285 --> 00:43:46.825 and to have you understand,

NOTE Confidence: 0.95461595

00:43:48.325 --> 00:43:49.285 why and how we do

NOTE Confidence: 0.95461595

00:43:49.285 --> 00:43:50.585 what we do at STEP.

NOTE Confidence: 0.95461595

00:43:50.805 --> 00:43:51.924 And, of course, then to

NOTE Confidence: 0.95461595

00:43:51.924 --> 00:43:52.424 consider

NOTE Confidence: 0.9940503

00:43:53.204 --> 00:43:55.045 to what degree this is

NOTE Confidence: 0.9940503

00:43:55.045 --> 00:43:57.045 relevant to improving care across

NOTE Confidence: 0.9940503

00:43:57.045 --> 00:43:57.704 the state.

NOTE Confidence: 0.8929306

00:43:58.750 --> 00:43:59.710 And we think of the

NOTE Confidence: 0.8929306

00:43:59.710 --> 00:44:00.770 learning health collaborative

NOTE Confidence: 0.9961551

00:44:01.470 --> 00:44:01.970 as

NOTE Confidence: 0.9993658

00:44:02.430 --> 00:44:04.430 a vehicle to engage with

NOTE Confidence: 0.9993658

00:44:04.430 --> 00:44:05.310 all of you in this

NOTE Confidence: 0.9993658
00:44:05.310 --> 00:44:05.810 partnership.
NOTE Confidence: 0.96587783
00:44:06.510 --> 00:44:07.650 This map here,
NOTE Confidence: 0.943529
00:44:08.590 --> 00:44:10.590 has color coded the five
NOTE Confidence: 0.943529
00:44:10.590 --> 00:44:12.270 different regions across the state
NOTE Confidence: 0.943529
00:44:12.270 --> 00:44:13.970 that, Demus defines.
NOTE Confidence: 0.9951037
00:44:15.125 --> 00:44:16.805 And based on census data
NOTE Confidence: 0.9951037
00:44:16.805 --> 00:44:17.785 and epidemiologic
NOTE Confidence: 0.99825287
00:44:18.085 --> 00:44:18.585 studies,
NOTE Confidence: 0.979982
00:44:18.964 --> 00:44:19.705 we have,
NOTE Confidence: 0.99699867
00:44:20.244 --> 00:44:21.765 tried to guesstimate how many
NOTE Confidence: 0.99699867
00:44:21.765 --> 00:44:23.145 new cases of psychosis
NOTE Confidence: 0.99774665
00:44:23.525 --> 00:44:24.805 we might expect in each
NOTE Confidence: 0.99774665
00:44:24.805 --> 00:44:26.724 region based on the age
NOTE Confidence: 0.99774665
00:44:26.724 --> 00:44:27.224 distribution
NOTE Confidence: 0.9976173
00:44:27.605 --> 00:44:28.505 of the populations.
NOTE Confidence: 0.9465967

00:44:29.430 --> 00:44:30.790 So on the bottom left
NOTE Confidence: 0.9465967

00:44:30.790 --> 00:44:32.230 is the example of region
NOTE Confidence: 0.9465967

00:44:32.230 --> 00:44:33.530 two where STEP is,
NOTE Confidence: 0.9983212

00:44:34.230 --> 00:44:35.190 where we can get a
NOTE Confidence: 0.9983212

00:44:35.190 --> 00:44:36.790 rough estimate of about ninety
NOTE Confidence: 0.9983212

00:44:36.790 --> 00:44:38.790 four cases a year, which
NOTE Confidence: 0.9983212

00:44:38.790 --> 00:44:40.469 would mean close to about
NOTE Confidence: 0.9983212

00:44:40.469 --> 00:44:41.829 three hundred cases that would
NOTE Confidence: 0.9983212

00:44:41.829 --> 00:44:42.489 be eligible
NOTE Confidence: 0.96568394

00:44:43.155 --> 00:44:44.775 for a an early intervention
NOTE Confidence: 0.96568394

00:44:44.835 --> 00:44:46.215 service that took individuals
NOTE Confidence: 0.9888202

00:44:46.515 --> 00:44:48.035 within the first three years,
NOTE Confidence: 0.9888202

00:44:48.035 --> 00:44:49.495 say, of psychosis onset.
NOTE Confidence: 0.96027255

00:44:50.835 --> 00:44:51.575 The red,
NOTE Confidence: 0.9010791

00:44:52.915 --> 00:44:53.415 icons
NOTE Confidence: 0.9759244

00:44:53.715 --> 00:44:55.475 are all the local mental

NOTE Confidence: 0.9759244
00:44:55.475 --> 00:44:57.280 health agencies, the lead mental
NOTE Confidence: 0.9759244
00:44:57.280 --> 00:44:58.719 health agencies, and which we
NOTE Confidence: 0.9759244
00:44:58.719 --> 00:45:00.660 see as the regional experts
NOTE Confidence: 0.9759244
00:45:00.719 --> 00:45:02.640 on behavioral health services across
NOTE Confidence: 0.9759244
00:45:02.640 --> 00:45:04.239 the state that we're hoping
NOTE Confidence: 0.9759244
00:45:04.239 --> 00:45:05.599 to partner with to think
NOTE Confidence: 0.9759244
00:45:05.599 --> 00:45:06.900 through how we can
NOTE Confidence: 0.9989683
00:45:07.200 --> 00:45:08.660 adapt and disseminate
NOTE Confidence: 0.9087756
00:45:10.364 --> 00:45:12.625 this this prototype model really
NOTE Confidence: 0.82555413
00:45:13.005 --> 00:45:13.505 to,
NOTE Confidence: 0.9993895
00:45:14.364 --> 00:45:14.864 improve
NOTE Confidence: 0.97433716
00:45:15.245 --> 00:45:17.805 both access and care outcomes
NOTE Confidence: 0.97433716
00:45:17.805 --> 00:45:18.785 for all individuals,
NOTE Confidence: 0.99827397
00:45:19.405 --> 00:45:20.765 no matter where they happen
NOTE Confidence: 0.99827397
00:45:20.765 --> 00:45:21.985 to be in the state.
NOTE Confidence: 0.9434896

00:45:22.770 --> 00:45:24.130 That's that's the the,
NOTE Confidence: 0.9817332

00:45:24.530 --> 00:45:25.750 ambition of,
NOTE Confidence: 0.95952106

00:45:26.210 --> 00:45:27.810 the learning how collaborative over
NOTE Confidence: 0.95952106

00:45:27.810 --> 00:45:29.170 the long term. And we're
NOTE Confidence: 0.95952106

00:45:29.170 --> 00:45:30.370 hoping over the next few
NOTE Confidence: 0.95952106

00:45:30.370 --> 00:45:31.670 sessions to give you
NOTE Confidence: 0.9352229

00:45:32.690 --> 00:45:34.450 a more granular sense of
NOTE Confidence: 0.9352229

00:45:34.450 --> 00:45:36.150 how we actually provide care
NOTE Confidence: 0.96634746

00:45:36.705 --> 00:45:37.985 at step in these ten
NOTE Confidence: 0.96634746

00:45:37.985 --> 00:45:39.445 towns and improve access.
NOTE Confidence: 0.9933036

00:45:39.985 --> 00:45:40.864 So you'll be in a
NOTE Confidence: 0.9933036

00:45:40.864 --> 00:45:42.385 position to think about how
NOTE Confidence: 0.9933036

00:45:42.385 --> 00:45:43.745 you might think about this
NOTE Confidence: 0.9933036

00:45:43.745 --> 00:45:44.805 in your own region,
NOTE Confidence: 0.9966732

00:45:45.825 --> 00:45:46.325 where
NOTE Confidence: 0.8726318

00:45:46.864 --> 00:45:47.844 your agencies,

NOTE Confidence: 0.9862192

00:45:48.864 --> 00:45:50.565 really are the key node,

NOTE Confidence: 0.9994771

00:45:51.025 --> 00:45:51.525 for

NOTE Confidence: 0.999491

00:45:52.020 --> 00:45:52.520 potentially

NOTE Confidence: 0.909833

00:45:53.219 --> 00:45:54.500 organizing care in the region,

NOTE Confidence: 0.909833

00:45:54.500 --> 00:45:55.940 but certainly delivering care to

NOTE Confidence: 0.909833

00:45:55.940 --> 00:45:56.600 these individuals.

NOTE Confidence: 0.9971087

00:45:58.180 --> 00:45:59.000 So I

NOTE Confidence: 0.9747411

00:45:59.380 --> 00:46:00.500 I think we're good for

NOTE Confidence: 0.9747411

00:46:00.500 --> 00:46:02.180 time, hopefully, for enough questions,

NOTE Confidence: 0.9747411

00:46:02.180 --> 00:46:03.320 but I'll stop there.