

WEBVTT

NOTE duration:"00:30:36"

NOTE recognizability:0.778

NOTE language:en-us

NOTE Confidence: 0.83232569125

00:00:14.420 --> 00:00:16.592 Welcome to the Yale Liver Diamond

NOTE Confidence: 0.83232569125

00:00:16.592 --> 00:00:18.080 Jubilee event. This session

NOTE Confidence: 0.83232569125

00:00:18.080 --> 00:00:19.950 is being recorded. Thank you.

NOTE Confidence: 0.870868558

00:00:25.610 --> 00:00:27.820 Good morning and welcome to

NOTE Confidence: 0.870868558

00:00:27.820 --> 00:00:30.030 our next talking to series.

NOTE Confidence: 0.870868558

00:00:30.030 --> 00:00:32.286 And on speaker is going to

NOTE Confidence: 0.870868558

00:00:32.286 --> 00:00:34.190 be Doctor Lupe Garcia Sal,

NOTE Confidence: 0.870868558

00:00:34.190 --> 00:00:36.311 who's a professor of medicine at Yale

NOTE Confidence: 0.870868558

00:00:36.311 --> 00:00:38.038 University School of Medicine and

NOTE Confidence: 0.870868558

00:00:38.038 --> 00:00:40.126 Chief of Digestive Disease at the

NOTE Confidence: 0.870868558

00:00:40.126 --> 00:00:41.620 VA Connecticut Healthcare Center.

NOTE Confidence: 0.870868558

00:00:41.620 --> 00:00:43.678 So Lupe also serve as director

NOTE Confidence: 0.870868558

00:00:43.678 --> 00:00:45.810 of the clinical core for the

NOTE Confidence: 0.870868558

00:00:45.810 --> 00:00:47.898 NIH funded your Liver Center and
NOTE Confidence: 0.870868558

00:00:47.898 --> 00:00:50.046 is an associate that editor of
NOTE Confidence: 0.870868558

00:00:50.046 --> 00:00:51.760 the new International Medicine.
NOTE Confidence: 0.870868558

00:00:51.760 --> 00:00:53.880 So it's my pleasure to welcome Lupe and
NOTE Confidence: 0.870868558

00:00:53.880 --> 00:00:56.168 her the title of her talk will be ill.
NOTE Confidence: 0.870868558

00:00:56.170 --> 00:00:58.456 Hepatology at the West of India.
NOTE Confidence: 0.870868558

00:00:58.460 --> 00:00:59.460 Look, please go ahead.
NOTE Confidence: 0.911213046666667

00:01:05.590 --> 00:01:06.598 Thank you Gary.
NOTE Confidence: 0.9032401

00:01:08.970 --> 00:01:11.980 First of all I I would like to thank
NOTE Confidence: 0.819021547368421

00:01:11.980 --> 00:01:14.326 Michael and Mario for having invited
NOTE Confidence: 0.819021547368421

00:01:14.326 --> 00:01:16.903 me to give this presentation about
NOTE Confidence: 0.819021547368421

00:01:16.903 --> 00:01:20.179 Yale Hepatology as there with him VA,
NOTE Confidence: 0.819021547368421

00:01:20.180 --> 00:01:23.862 which is has been my academic and
NOTE Confidence: 0.819021547368421

00:01:23.862 --> 00:01:26.334 medical home for over 30 years.
NOTE Confidence: 0.819021547368421

00:01:26.334 --> 00:01:29.199 I just got my 30 year medal at the VA.
NOTE Confidence: 0.819021547368421

00:01:29.200 --> 00:01:31.160 So just to give you the the,

NOTE Confidence: 0.819021547368421
00:01:31.160 --> 00:01:33.164 the the place that the location
NOTE Confidence: 0.819021547368421
00:01:33.164 --> 00:01:35.590 this is the state of Connecticut.
NOTE Confidence: 0.819021547368421
00:01:35.590 --> 00:01:36.853 There was heaven.
NOTE Confidence: 0.819021547368421
00:01:36.853 --> 00:01:38.958 VA is in West Haven.
NOTE Confidence: 0.819021547368421
00:01:38.960 --> 00:01:42.728 Uh, part of the of the VA connected
NOTE Confidence: 0.819021547368421
00:01:42.730 --> 00:01:44.810 system is the Newington V8,
NOTE Confidence: 0.819021547368421
00:01:44.810 --> 00:01:46.568 which is a little further apart.
NOTE Confidence: 0.819021547368421
00:01:46.570 --> 00:01:48.677 But just to give you context also
NOTE Confidence: 0.819021547368421
00:01:48.677 --> 00:01:50.410 our Yale campuses in New Haven.
NOTE Confidence: 0.819021547368421
00:01:50.410 --> 00:01:52.111 So we're very near there's a shuttle
NOTE Confidence: 0.819021547368421
00:01:52.111 --> 00:01:53.630 bus that runs back and forth.
NOTE Confidence: 0.819021547368421
00:01:53.630 --> 00:01:58.282 The West Haven, VA and Yale every 15 minutes.
NOTE Confidence: 0.819021547368421
00:01:58.282 --> 00:02:03.629 So in the 75 years that spans this Diamond
NOTE Confidence: 0.819021547368421
00:02:03.629 --> 00:02:05.810 Jubilee, we have had several players.
NOTE Confidence: 0.819021547368421
00:02:05.810 --> 00:02:08.589 I will start again like Jim did.
NOTE Confidence: 0.819021547368421

00:02:08.590 --> 00:02:11.115 Would Jerry Klatskin Jerry was
NOTE Confidence: 0.819021547368421

00:02:11.115 --> 00:02:13.778 a Yale intern 1933 like he said,
NOTE Confidence: 0.819021547368421

00:02:13.778 --> 00:02:16.300 his love for the liver story in Calcutta,
NOTE Confidence: 0.819021547368421

00:02:16.300 --> 00:02:18.908 where he was serving in the Armed Services.
NOTE Confidence: 0.819021547368421

00:02:18.910 --> 00:02:21.446 He was a veteran and he performed his
NOTE Confidence: 0.819021547368421

00:02:21.446 --> 00:02:23.621 first liver biopsy at Yale in 1947,
NOTE Confidence: 0.819021547368421

00:02:23.621 --> 00:02:25.847 which is that starts this timeline.
NOTE Confidence: 0.819021547368421

00:02:25.850 --> 00:02:27.630 He was at the VA.
NOTE Confidence: 0.819021547368421

00:02:27.630 --> 00:02:30.278 He was a senior consultant at the VA
NOTE Confidence: 0.819021547368421

00:02:30.278 --> 00:02:32.569 in Newington where he like Jim said,
NOTE Confidence: 0.819021547368421

00:02:32.570 --> 00:02:35.398 learn to read boxes with Raymond Yesner,
NOTE Confidence: 0.819021547368421

00:02:35.400 --> 00:02:37.098 who was a chief of pathology
NOTE Confidence: 0.819021547368421

00:02:37.098 --> 00:02:38.230 at the VA Newington.
NOTE Confidence: 0.819021547368421

00:02:38.230 --> 00:02:39.506 He for many years.
NOTE Confidence: 0.819021547368421

00:02:39.506 --> 00:02:41.101 This Thursday around said that
NOTE Confidence: 0.819021547368421

00:02:41.101 --> 00:02:43.155 we VA and he was a patient at

NOTE Confidence: 0.819021547368421

00:02:43.155 --> 00:02:44.978 the VA where he actually died.

NOTE Confidence: 0.819021547368421

00:02:44.980 --> 00:02:46.280 Then we have how Khan,

NOTE Confidence: 0.819021547368421

00:02:46.280 --> 00:02:48.954 who was also a resident at Yale.

NOTE Confidence: 0.819021547368421

00:02:48.960 --> 00:02:49.494 He.

NOTE Confidence: 0.819021547368421

00:02:49.494 --> 00:02:54.300 It was a Jerry Klatskin fellow and then he.

NOTE Confidence: 0.819021547368421

00:02:54.300 --> 00:02:56.260 In 1959 he had his first study

NOTE Confidence: 0.819021547368421

00:02:56.260 --> 00:02:58.081 of ammonia published in the New

NOTE Confidence: 0.819021547368421

00:02:58.081 --> 00:02:59.305 England Journal of Medicine.

NOTE Confidence: 0.819021547368421

00:02:59.310 --> 00:03:02.198 At the time he was an assistant professor.

NOTE Confidence: 0.819021547368421

00:03:02.200 --> 00:03:04.510 1962 he became chief of the Liver

NOTE Confidence: 0.819021547368421

00:03:04.510 --> 00:03:05.979 Research Laboratory at the VA,

NOTE Confidence: 0.819021547368421

00:03:05.980 --> 00:03:09.220 and in 1979 had started multi center trials,

NOTE Confidence: 0.819021547368421

00:03:09.220 --> 00:03:10.968 mostly with Boston it.

NOTE Confidence: 0.819021547368421

00:03:10.968 --> 00:03:14.800 If he clearly was a traveler of the world,

NOTE Confidence: 0.819021547368421

00:03:14.800 --> 00:03:16.780 he for he thought of him and actually guys,

NOTE Confidence: 0.819021547368421

00:03:16.780 --> 00:03:20.580 for he met me and Roberto and eventually.

NOTE Confidence: 0.819021547368421

00:03:20.580 --> 00:03:23.720 You know we came back to how we have met

NOTE Confidence: 0.819021547368421

00:03:23.806 --> 00:03:27.110 him in meetings in our original countries.

NOTE Confidence: 0.819021547368421

00:03:27.110 --> 00:03:31.040 He retired 1993 and acquired years later.

NOTE Confidence: 0.819021547368421

00:03:31.040 --> 00:03:32.940 Normal pressure hydrocephalus that

NOTE Confidence: 0.819021547368421

00:03:32.940 --> 00:03:35.519 was have been misdiagnosed and he

NOTE Confidence: 0.819021547368421

00:03:35.519 --> 00:03:37.349 became an expert in this topic.

NOTE Confidence: 0.819021547368421

00:03:37.350 --> 00:03:39.387 As every as everything that he did.

NOTE Confidence: 0.819021547368421

00:03:39.390 --> 00:03:41.310 He did it with great intensity.

NOTE Confidence: 0.819021547368421

00:03:41.310 --> 00:03:43.431 I also want to mention calling Atterberry

NOTE Confidence: 0.819021547368421

00:03:43.431 --> 00:03:45.200 who was probably not an academic

NOTE Confidence: 0.819021547368421

00:03:45.200 --> 00:03:47.069 but it was very influential for me.

NOTE Confidence: 0.819021547368421

00:03:47.070 --> 00:03:48.900 He collaborated with both with

NOTE Confidence: 0.819021547368421

00:03:48.900 --> 00:03:50.730 Harold and with Roberto and.

NOTE Confidence: 0.819021547368421

00:03:50.730 --> 00:03:51.496 In in,

NOTE Confidence: 0.819021547368421

00:03:51.496 --> 00:03:53.794 in recruiting pages for different trials,

NOTE Confidence: 0.819021547368421

00:03:53.800 --> 00:03:56.460 he was an incredible clinician.

NOTE Confidence: 0.819021547368421

00:03:56.460 --> 00:03:58.070 A great hypothesize that there was heaven,

NOTE Confidence: 0.819021547368421

00:03:58.070 --> 00:03:58.393 VA,

NOTE Confidence: 0.819021547368421

00:03:58.393 --> 00:04:00.977 from whom I learned a lot just from

NOTE Confidence: 0.819021547368421

00:04:00.977 --> 00:04:03.639 reading his notes from Browning with him.

NOTE Confidence: 0.819021547368421

00:04:03.640 --> 00:04:05.664 He became chief of staff of the VA,

NOTE Confidence: 0.819021547368421

00:04:05.670 --> 00:04:07.994 but he was also a philosopher in

NOTE Confidence: 0.819021547368421

00:04:07.994 --> 00:04:09.886 a very thoughtful man back in

NOTE Confidence: 0.819021547368421

00:04:09.886 --> 00:04:11.256 the early in the 70s,

NOTE Confidence: 0.819021547368421

00:04:11.260 --> 00:04:13.440 he wrote as a tourist on one one should not

NOTE Confidence: 0.6429746658333333

00:04:13.497 --> 00:04:14.962 deliver biopsy, and incredibly

NOTE Confidence: 0.6429746658333333

00:04:14.962 --> 00:04:17.068 has an editorial of transplant in

NOTE Confidence: 0.6429746658333333

00:04:17.068 --> 00:04:18.969 patients with alcoholic hepatitis,

NOTE Confidence: 0.6429746658333333

00:04:18.970 --> 00:04:21.770 A topic that is controversial to this moment.

NOTE Confidence: 0.6429746658333333

00:04:21.770 --> 00:04:24.762 Then we have Roberto who was born and

NOTE Confidence: 0.6429746658333333

00:04:24.762 --> 00:04:27.848 had his medical training Argentina.
NOTE Confidence: 0.642974665833333

00:04:27.850 --> 00:04:30.962 He was closed off with Jay Cohn at
NOTE Confidence: 0.642974665833333

00:04:30.962 --> 00:04:34.120 the VA and DC where he learned.
NOTE Confidence: 0.642974665833333

00:04:34.120 --> 00:04:36.030 All about the hyperdynamic circulatory
NOTE Confidence: 0.642974665833333

00:04:36.030 --> 00:04:38.683 state in in heart failure and then
NOTE Confidence: 0.642974665833333

00:04:38.683 --> 00:04:40.388 translated this into the liver,
NOTE Confidence: 0.642974665833333

00:04:40.390 --> 00:04:41.498 he escaping social unrest.
NOTE Confidence: 0.642974665833333

00:04:41.498 --> 00:04:43.938 He comes back to the VA again through
NOTE Confidence: 0.642974665833333

00:04:43.938 --> 00:04:45.820 Harold Kahn, where he gets the CDA.
NOTE Confidence: 0.642974665833333

00:04:45.820 --> 00:04:47.338 He was always at the VA.
NOTE Confidence: 0.642974665833333

00:04:47.340 --> 00:04:48.520 He established his better,
NOTE Confidence: 0.642974665833333

00:04:48.520 --> 00:04:50.750 get him on Dynamic Lab at the VA.
NOTE Confidence: 0.642974665833333

00:04:50.750 --> 00:04:53.090 That time it starts with the
NOTE Confidence: 0.642974665833333

00:04:53.090 --> 00:04:55.040 most studied with the NIH.
NOTE Confidence: 0.642974665833333

00:04:55.040 --> 00:04:57.656 And he was the chief of Divier from
NOTE Confidence: 0.642974665833333

00:04:57.660 --> 00:04:59.879 1993 until his retirement in 2007.

NOTE Confidence: 0.642974665833333
00:04:59.879 --> 00:05:00.716 Then there's me.
NOTE Confidence: 0.642974665833333
00:05:00.716 --> 00:05:02.773 I was born and met and had
NOTE Confidence: 0.642974665833333
00:05:02.773 --> 00:05:04.669 medical training in Mexico in the
NOTE Confidence: 0.642974665833333
00:05:04.669 --> 00:05:06.679 same way that rural came here.
NOTE Confidence: 0.642974665833333
00:05:06.680 --> 00:05:08.348 We came through Falcon,
NOTE Confidence: 0.642974665833333
00:05:08.348 --> 00:05:11.726 and I was supposed up from 92 to 1985.
NOTE Confidence: 0.642974665833333
00:05:11.726 --> 00:05:13.556 I went back to Mexico,
NOTE Confidence: 0.642974665833333
00:05:13.560 --> 00:05:15.540 but was recruited back in 1990.
NOTE Confidence: 0.642974665833333
00:05:15.540 --> 00:05:18.370 Like Mike said this morning and
NOTE Confidence: 0.642974665833333
00:05:18.370 --> 00:05:20.680 and with Roberto, we became a team.
NOTE Confidence: 0.642974665833333
00:05:20.680 --> 00:05:23.002 He did the basic research and I did was
NOTE Confidence: 0.642974665833333
00:05:23.002 --> 00:05:25.360 the clinical counterpart to Riverdale.
NOTE Confidence: 0.642974665833333
00:05:25.360 --> 00:05:26.653 Portal hypertension program.
NOTE Confidence: 0.642974665833333
00:05:26.653 --> 00:05:29.958 In 2002 I became director of one of
NOTE Confidence: 0.642974665833333
00:05:29.958 --> 00:05:32.250 the 44V8 Appetize C Resource centers,
NOTE Confidence: 0.642974665833333

00:05:32.250 --> 00:05:34.266 which I'll talk about in a second.

NOTE Confidence: 0.642974665833333

00:05:34.270 --> 00:05:35.413 I, like Gary,

NOTE Confidence: 0.642974665833333

00:05:35.413 --> 00:05:37.699 said I'm director of the Liver

NOTE Confidence: 0.642974665833333

00:05:37.699 --> 00:05:39.955 Center clinical core and I have

NOTE Confidence: 0.642974665833333

00:05:39.955 --> 00:05:42.161 been chief of V8 Assist 2007.

NOTE Confidence: 0.642974665833333

00:05:42.161 --> 00:05:44.627 Then I have to do tomorrow.

NOTE Confidence: 0.642974665833333

00:05:44.630 --> 00:05:46.815 Teddy who did her jailing

NOTE Confidence: 0.642974665833333

00:05:46.815 --> 00:05:48.563 her fellowship at Yale,

NOTE Confidence: 0.642974665833333

00:05:48.570 --> 00:05:52.098 recruit her to the VA to hit the the

NOTE Confidence: 0.642974665833333

00:05:52.098 --> 00:05:54.346 hypercars in my program in 2009,

NOTE Confidence: 0.642974665833333

00:05:54.346 --> 00:05:55.930 has created a vocal.

NOTE Confidence: 0.642974665833333

00:05:55.930 --> 00:05:58.135 Group which I will talk about later.

NOTE Confidence: 0.642974665833333

00:05:58.140 --> 00:06:00.138 She's the vice chair of the

NOTE Confidence: 0.642974665833333

00:06:00.138 --> 00:06:01.971 HC Subcommittee and VA Central

NOTE Confidence: 0.642974665833333

00:06:01.971 --> 00:06:03.679 office in Washington DC,

NOTE Confidence: 0.642974665833333

00:06:03.680 --> 00:06:06.096 and she will be the chief of GI

NOTE Confidence: 0.642974665833333
00:06:06.096 --> 00:06:08.515 at the VA as of July of 2022,
NOTE Confidence: 0.642974665833333
00:06:08.515 --> 00:06:11.245 and we have part-time faculty prominently.
NOTE Confidence: 0.642974665833333
00:06:11.250 --> 00:06:13.334 Simona Jacob Wash Mahal,
NOTE Confidence: 0.642974665833333
00:06:13.334 --> 00:06:15.673 Joseph Lemon, met by Connell,
NOTE Confidence: 0.642974665833333
00:06:15.673 --> 00:06:18.690 and the newest addition to our full-time
NOTE Confidence: 0.642974665833333
00:06:18.772 --> 00:06:21.160 faculty is on German train off,
NOTE Confidence: 0.642974665833333
00:06:21.160 --> 00:06:22.584 like a magnificent mansion.
NOTE Confidence: 0.642974665833333
00:06:22.584 --> 00:06:25.140 So it despite these not not only
NOTE Confidence: 0.642974665833333
00:06:25.140 --> 00:06:26.920 these people are the player,
NOTE Confidence: 0.642974665833333
00:06:26.920 --> 00:06:29.910 there's many talented, dedicated technicians.
NOTE Confidence: 0.642974665833333
00:06:29.910 --> 00:06:32.094 Jim talk about Hazel Hubble and how
NOTE Confidence: 0.642974665833333
00:06:32.094 --> 00:06:34.440 she prepared to deliver biopsy slides.
NOTE Confidence: 0.642974665833333
00:06:34.440 --> 00:06:35.763 I'll call Jim,
NOTE Confidence: 0.642974665833333
00:06:35.763 --> 00:06:38.850 which was how Conn's technician Martha Shape,
NOTE Confidence: 0.642974665833333
00:06:38.850 --> 00:06:42.078 which was the Prime nurse coordinator.
NOTE Confidence: 0.642974665833333

00:06:42.080 --> 00:06:45.230 Currently, Susan patka. And there's.
NOTE Confidence: 0.642974665833333

00:06:45.230 --> 00:06:46.714 Million research coordinators that
NOTE Confidence: 0.642974665833333

00:06:46.714 --> 00:06:49.524 don't have time to mention many fellows.
NOTE Confidence: 0.642974665833333

00:06:49.524 --> 00:06:51.909 And of course our veterans.
NOTE Confidence: 0.642974665833333

00:06:51.910 --> 00:06:54.592 Now this is you all know how this goes.
NOTE Confidence: 0.642974665833333

00:06:54.600 --> 00:06:55.910 You have chronic liver disease,
NOTE Confidence: 0.642974665833333

00:06:55.910 --> 00:06:57.782 goes through, compensated cirrhosis,
NOTE Confidence: 0.642974665833333

00:06:57.782 --> 00:07:00.122 decompensated cirrhosis and then you
NOTE Confidence: 0.642974665833333

00:07:00.122 --> 00:07:01.888 state as called for decompensation
NOTE Confidence: 0.642974665833333

00:07:01.888 --> 00:07:04.215 and all of these can be complicated
NOTE Confidence: 0.642974665833333

00:07:04.215 --> 00:07:06.385 by the FDA research has been
NOTE Confidence: 0.642974665833333

00:07:06.385 --> 00:07:08.663 dedicated to all these are aspects
NOTE Confidence: 0.642974665833333

00:07:08.663 --> 00:07:10.447 of chronic liver disease.
NOTE Confidence: 0.642974665833333

00:07:10.450 --> 00:07:13.306 Start with encephalopathy by Harold Kahn.
NOTE Confidence: 0.642974665833333

00:07:13.310 --> 00:07:16.240 He published back in 1968.
NOTE Confidence: 0.642974665833333

00:07:16.240 --> 00:07:17.755 Randomized trial of of Neomycin

NOTE Confidence: 0.642974665833333
00:07:17.755 --> 00:07:19.637 versus laterals in in the treatment
NOTE Confidence: 0.642974665833333
00:07:19.637 --> 00:07:21.202 of portal systemic and several
NOTE Confidence: 0.642974665833333
00:07:21.202 --> 00:07:22.454 apathy and you can
NOTE Confidence: 0.6859402618
00:07:22.514 --> 00:07:24.074 see how you might think which
NOTE Confidence: 0.6859402618
00:07:24.074 --> 00:07:25.589 was the standard of capital,
NOTE Confidence: 0.6859402618
00:07:25.589 --> 00:07:28.872 was toxic brought down the forest comma
NOTE Confidence: 0.6859402618
00:07:28.872 --> 00:07:32.117 zero is normal mental status improved in
NOTE Confidence: 0.6859402618
00:07:32.117 --> 00:07:35.928 all of the pages the same as Lactulose.
NOTE Confidence: 0.6859402618
00:07:35.930 --> 00:07:37.970 And it's that was for just now the
NOTE Confidence: 0.6859402618
00:07:37.970 --> 00:07:39.870 standard of care for just Lactulose.
NOTE Confidence: 0.6859402618
00:07:39.870 --> 00:07:41.634 And this was followed by another
NOTE Confidence: 0.6859402618
00:07:41.634 --> 00:07:43.213 double blind clinical trial of
NOTE Confidence: 0.6859402618
00:07:43.213 --> 00:07:45.331 Lactulose in the treatment of chronic
NOTE Confidence: 0.6859402618
00:07:45.331 --> 00:07:46.390 portal systemic encephalopathy.
NOTE Confidence: 0.6859402618
00:07:46.390 --> 00:07:47.866 But what is very interesting is,
NOTE Confidence: 0.6859402618

00:07:47.870 --> 00:07:50.410 as this mental state grading
NOTE Confidence: 0.6859402618

00:07:50.410 --> 00:07:52.446 is now called worldwide,
NOTE Confidence: 0.6859402618

00:07:52.446 --> 00:07:54.991 the West Haven criteria for
NOTE Confidence: 0.6859402618

00:07:54.991 --> 00:07:57.562 American Civil opathy and is still
NOTE Confidence: 0.6859402618

00:07:57.562 --> 00:07:59.422 used in RCT's of of repetitions.
NOTE Confidence: 0.6859402618

00:07:59.422 --> 00:08:01.030 I fell off of the worldwide,
NOTE Confidence: 0.6859402618

00:08:01.030 --> 00:08:04.695 so we're talking since back in 1968.
NOTE Confidence: 0.6859402618

00:08:04.695 --> 00:08:06.500 Then for many,
NOTE Confidence: 0.6859402618

00:08:06.500 --> 00:08:08.120 many years the obsession was there.
NOTE Confidence: 0.6859402618

00:08:08.120 --> 00:08:09.388 Still hammered and current
NOTE Confidence: 0.6859402618

00:08:09.388 --> 00:08:10.339 very still hammered.
NOTE Confidence: 0.6859402618

00:08:10.340 --> 00:08:11.678 And of course,
NOTE Confidence: 0.6859402618

00:08:11.678 --> 00:08:13.462 variceal hemorrhage comes from
NOTE Confidence: 0.6859402618

00:08:13.462 --> 00:08:15.780 poor having portal hypertension,
NOTE Confidence: 0.6859402618

00:08:15.780 --> 00:08:17.500 and this is where the richest came from,
NOTE Confidence: 0.6859402618

00:08:17.500 --> 00:08:20.519 like Mike Matheson on mentioned most

NOTE Confidence: 0.6859402618

00:08:20.519 --> 00:08:23.032 of the research had initially been on

NOTE Confidence: 0.6859402618

00:08:23.032 --> 00:08:25.260 portal hypertension and versatile hemorrhage,

NOTE Confidence: 0.6859402618

00:08:25.260 --> 00:08:26.960 and Roberto established the

NOTE Confidence: 0.6859402618

00:08:26.960 --> 00:08:28.660 hyperdynamic circulatory state in

NOTE Confidence: 0.6859402618

00:08:28.660 --> 00:08:30.759 portal and Portal hypertension,

NOTE Confidence: 0.6859402618

00:08:30.760 --> 00:08:31.536 wrath mode.

NOTE Confidence: 0.6859402618

00:08:31.536 --> 00:08:34.252 So this was the the using microsphere

NOTE Confidence: 0.6859402618

00:08:34.252 --> 00:08:36.160 technique she demonstrated that.

NOTE Confidence: 0.6859402618

00:08:36.160 --> 00:08:38.280 As opposed to the thought at the time

NOTE Confidence: 0.6859402618

00:08:38.280 --> 00:08:40.288 that this was a passive congestion,

NOTE Confidence: 0.6859402618

00:08:40.290 --> 00:08:42.759 he showed that.

NOTE Confidence: 0.6859402618

00:08:42.760 --> 00:08:44.332 In portal hypertension with

NOTE Confidence: 0.6859402618

00:08:44.332 --> 00:08:45.904 extensive portal systemic shunting,

NOTE Confidence: 0.6859402618

00:08:45.910 --> 00:08:48.424 there was an increase in this

NOTE Confidence: 0.6859402618

00:08:48.424 --> 00:08:50.100 plastic and peripheral circulation.

NOTE Confidence: 0.6859402618

00:08:50.100 --> 00:08:52.060 There was a hyperdynamic circulatory
NOTE Confidence: 0.6859402618

00:08:52.060 --> 00:08:54.905 state and this was due to sporadic
NOTE Confidence: 0.6859402618

00:08:54.905 --> 00:08:57.347 and peripheral based on the location.
NOTE Confidence: 0.6859402618

00:08:57.350 --> 00:08:58.478 So based on this,
NOTE Confidence: 0.6859402618

00:08:58.478 --> 00:09:00.530 since there was an increase in flow,
NOTE Confidence: 0.6859402618

00:09:00.530 --> 00:09:02.312 that key was to call somewhere
NOTE Confidence: 0.6859402618

00:09:02.312 --> 00:09:04.127 will decrease this flow and the
NOTE Confidence: 0.6859402618

00:09:04.127 --> 00:09:05.843 use of beta blockers like Mike
NOTE Confidence: 0.6859402618

00:09:05.843 --> 00:09:07.130 mentioned was what it was.
NOTE Confidence: 0.6859402618

00:09:07.130 --> 00:09:09.685 And this is a very important study
NOTE Confidence: 0.6859402618

00:09:09.685 --> 00:09:13.188 with one of our GI fellows at the time
NOTE Confidence: 0.6859402618

00:09:13.188 --> 00:09:15.860 that showed the effect of per panel,
NOTE Confidence: 0.6859402618

00:09:15.860 --> 00:09:17.828 which is a nonselective beta blocker
NOTE Confidence: 0.6859402618

00:09:17.828 --> 00:09:19.529 at technology in an experimental
NOTE Confidence: 0.6859402618

00:09:19.529 --> 00:09:21.783 drug that was a beta two block.
NOTE Confidence: 0.6859402618

00:09:21.790 --> 00:09:23.602 So I have beta one blocker

NOTE Confidence: 0.6859402618

00:09:23.602 --> 00:09:24.810 and beta two blocker.

NOTE Confidence: 0.6859402618

00:09:24.810 --> 00:09:27.700 They both decrease portal pressure.

NOTE Confidence: 0.6859402618

00:09:27.700 --> 00:09:29.764 But the combination it beta one

NOTE Confidence: 0.6859402618

00:09:29.764 --> 00:09:31.658 and beta 2 blockers nonselective

NOTE Confidence: 0.6859402618

00:09:31.658 --> 00:09:34.328 beta blockers had the most intense

NOTE Confidence: 0.6859402618

00:09:34.328 --> 00:09:36.819 effect in reducing portal pressure,

NOTE Confidence: 0.6859402618

00:09:36.820 --> 00:09:39.596 and this is now our standard of care.

NOTE Confidence: 0.6859402618

00:09:39.600 --> 00:09:41.706 The use of non selective beta

NOTE Confidence: 0.6859402618

00:09:41.706 --> 00:09:44.016 blockers in the treatment of portal

NOTE Confidence: 0.6859402618

00:09:44.016 --> 00:09:45.655 hypertension started in 1985.

NOTE Confidence: 0.6859402618

00:09:45.655 --> 00:09:48.280 It continues turnout and like my goal

NOTE Confidence: 0.6859402618

00:09:48.280 --> 00:09:50.389 for mentioned Roberto created the

NOTE Confidence: 0.6859402618

00:09:50.389 --> 00:09:52.529 balloon catheter because the portal

NOTE Confidence: 0.6859402618

00:09:52.529 --> 00:09:55.696 system is is between 2 capillary vessels.

NOTE Confidence: 0.6859402618

00:09:55.700 --> 00:09:56.835 To measure, the portal pressure

NOTE Confidence: 0.6859402618

00:09:56.835 --> 00:09:58.400 won't have to go very invasive.
NOTE Confidence: 0.6859402618

00:09:58.400 --> 00:10:01.072 Into the portal vein,
NOTE Confidence: 0.6859402618

00:10:01.072 --> 00:10:02.560 so someone else.
NOTE Confidence: 0.6859402618

00:10:02.560 --> 00:10:04.610 Discover that the apatitic vein
NOTE Confidence: 0.6859402618

00:10:04.610 --> 00:10:06.867 pressure could correlate with direct
NOTE Confidence: 0.6859402618

00:10:06.867 --> 00:10:08.310 portal pressure measurements.
NOTE Confidence: 0.6859402618

00:10:08.310 --> 00:10:10.319 This, but there was a straight catheter,
NOTE Confidence: 0.6859402618

00:10:10.320 --> 00:10:13.022 but Roberta did was invent this balloon
NOTE Confidence: 0.6859402618

00:10:13.022 --> 00:10:15.433 catheter by whereas by which you
NOTE Confidence: 0.6859402618

00:10:15.433 --> 00:10:17.398 could perform repeat measurements of
NOTE Confidence: 0.6859402618

00:10:17.398 --> 00:10:20.089 HD without having to move the catheter,
NOTE Confidence: 0.6859402618

00:10:20.090 --> 00:10:21.810 wedging and on wedging it,
NOTE Confidence: 0.6859402618

00:10:21.810 --> 00:10:23.130 and this allowed.
NOTE Confidence: 0.6859402618

00:10:23.130 --> 00:10:24.890 To have repeat measurements
NOTE Confidence: 0.6859402618

00:10:24.890 --> 00:10:27.180 increases the accuracy of the method.
NOTE Confidence: 0.6859402618

00:10:27.180 --> 00:10:29.860 It allows for clinical research to go on,

NOTE Confidence: 0.6859402618

00:10:29.860 --> 00:10:31.400 so this is currently still

NOTE Confidence: 0.6859402618

00:10:31.400 --> 00:10:32.940 the standard of care in

NOTE Confidence: 0.831514255625

00:10:33.011 --> 00:10:35.729 the indirect measurement of portal pressure.

NOTE Confidence: 0.831514255625

00:10:35.730 --> 00:10:38.676 Umm? Of course, then this started

NOTE Confidence: 0.831514255625

00:10:38.676 --> 00:10:42.727 going on into in into research to

NOTE Confidence: 0.831514255625

00:10:42.727 --> 00:10:45.367 determine the portal pressure,

NOTE Confidence: 0.831514255625

00:10:45.370 --> 00:10:46.798 presence of viruses,

NOTE Confidence: 0.831514255625

00:10:46.798 --> 00:10:49.890 and various hemorrhage in a in.

NOTE Confidence: 0.831514255625

00:10:49.890 --> 00:10:52.030 In a multicenter study.

NOTE Confidence: 0.831514255625

00:10:52.030 --> 00:10:55.454 And this is this study in particular studies.

NOTE Confidence: 0.831514255625

00:10:55.460 --> 00:10:57.770 The cut off 12 millimeters of

NOTE Confidence: 0.831514255625

00:10:57.770 --> 00:11:00.150 mercury so normal HPG is 3 to 5,

NOTE Confidence: 0.831514255625

00:11:00.150 --> 00:11:02.670 but when one got to 12 berries would

NOTE Confidence: 0.831514255625

00:11:02.670 --> 00:11:04.956 not occur the threshold this is

NOTE Confidence: 0.831514255625

00:11:04.956 --> 00:11:07.338 currently the threshold that we use.

NOTE Confidence: 0.831514255625

00:11:07.340 --> 00:11:09.758 We put tips for variceal hemorrhage,
NOTE Confidence: 0.831514255625

00:11:09.760 --> 00:11:12.316 so this is again something that
NOTE Confidence: 0.831514255625

00:11:12.316 --> 00:11:17.230 was first discovered in 1985. Now.
NOTE Confidence: 0.831514255625

00:11:17.230 --> 00:11:20.174 Then we of course started to have per
NOTE Confidence: 0.831514255625

00:11:20.174 --> 00:11:21.982 panel after the experimental studies,
NOTE Confidence: 0.831514255625

00:11:21.982 --> 00:11:24.412 we started assessed per panel and in
NOTE Confidence: 0.831514255625

00:11:24.412 --> 00:11:26.392 the effect of per panel on NBA TV PG.
NOTE Confidence: 0.831514255625

00:11:26.400 --> 00:11:27.300 And as you can see here,
NOTE Confidence: 0.831514255625

00:11:27.300 --> 00:11:30.756 what we saw is that that there was
NOTE Confidence: 0.831514255625

00:11:30.760 --> 00:11:33.798 60% of the patients that would have
NOTE Confidence: 0.831514255625

00:11:33.798 --> 00:11:36.769 a reduction in HVPG after the after
NOTE Confidence: 0.831514255625

00:11:36.769 --> 00:11:39.659 the use of per panel and what was
NOTE Confidence: 0.831514255625

00:11:39.659 --> 00:11:41.780 very interesting is is that we as
NOTE Confidence: 0.831514255625

00:11:41.852 --> 00:11:43.792 we expected and because there's
NOTE Confidence: 0.831514255625

00:11:43.792 --> 00:11:45.344 that beta two effect,
NOTE Confidence: 0.831514255625

00:11:45.350 --> 00:11:46.988 there was a lack of correlation

NOTE Confidence: 0.831514255625

00:11:46.988 --> 00:11:48.679 between the decrease in heart rate.

NOTE Confidence: 0.831514255625

00:11:48.680 --> 00:11:51.312 And decrease in age RPG and therefore

NOTE Confidence: 0.831514255625

00:11:51.312 --> 00:11:54.799 that's why we now consider non non selective.

NOTE Confidence: 0.831514255625

00:11:54.800 --> 00:11:56.466 They cannot just be a tunnel and

NOTE Confidence: 0.831514255625

00:11:56.466 --> 00:11:58.399 the beta one blocker is not enough.

NOTE Confidence: 0.831514255625

00:11:58.400 --> 00:12:00.640 We needed it combined beta one and

NOTE Confidence: 0.831514255625

00:12:00.640 --> 00:12:02.927 beta two blocker and this is what

NOTE Confidence: 0.831514255625

00:12:02.927 --> 00:12:04.811 our youth clinically to a maximum

NOTE Confidence: 0.831514255625

00:12:04.879 --> 00:12:06.199 heart rate reduction.

NOTE Confidence: 0.831514255625

00:12:06.200 --> 00:12:08.324 We cannot tailor it to a

NOTE Confidence: 0.831514255625

00:12:08.324 --> 00:12:09.740 specific decreasing heart rate.

NOTE Confidence: 0.831514255625

00:12:09.740 --> 00:12:13.051 We just have to tailor it to

NOTE Confidence: 0.831514255625

00:12:13.051 --> 00:12:14.470 the maximum clinically.

NOTE Confidence: 0.831514255625

00:12:14.470 --> 00:12:17.810 Tolerable decrease in heart rate.

NOTE Confidence: 0.831514255625

00:12:17.810 --> 00:12:20.258 Then how Khan and and Roberta

NOTE Confidence: 0.831514255625

00:12:20.258 --> 00:12:21.890 that was the Boston,
NOTE Confidence: 0.831514255625

00:12:21.890 --> 00:12:23.970 New Haven Barcelona Collaborative group,
NOTE Confidence: 0.831514255625

00:12:23.970 --> 00:12:26.442 and there's with Jaime Bosch who is going
NOTE Confidence: 0.831514255625

00:12:26.442 --> 00:12:29.564 to be at the meeting later on and it shows.
NOTE Confidence: 0.831514255625

00:12:29.570 --> 00:12:32.041 And it showed that Propanal was effective
NOTE Confidence: 0.831514255625

00:12:32.041 --> 00:12:33.590 in preventing Marysville hammers,
NOTE Confidence: 0.831514255625

00:12:33.590 --> 00:12:35.970 so this was one of several studies
NOTE Confidence: 0.831514255625

00:12:35.970 --> 00:12:38.485 that showed that prepero was useful
NOTE Confidence: 0.831514255625

00:12:38.485 --> 00:12:40.389 in preventing first hemorrhage,
NOTE Confidence: 0.831514255625

00:12:40.390 --> 00:12:44.323 and is the standard of care at the time.
NOTE Confidence: 0.831514255625

00:12:44.330 --> 00:12:46.310 And of course.
NOTE Confidence: 0.831514255625

00:12:46.310 --> 00:12:49.070 We then proceeded to do the TIMMEL study,
NOTE Confidence: 0.831514255625

00:12:49.070 --> 00:12:50.750 which was the objective was to see
NOTE Confidence: 0.831514255625

00:12:50.750 --> 00:12:52.726 if we could actually even prevent
NOTE Confidence: 0.831514255625

00:12:52.726 --> 00:12:53.926 viruses from developing,
NOTE Confidence: 0.831514255625

00:12:53.930 --> 00:12:55.794 so it was going as that a step

NOTE Confidence: 0.831514255625

00:12:55.794 --> 00:12:57.029 further from just preventing

NOTE Confidence: 0.831514255625

00:12:57.029 --> 00:12:59.147 hemorrhage in those who had berries.

NOTE Confidence: 0.831514255625

00:12:59.150 --> 00:13:02.438 But now given.

NOTE Confidence: 0.831514255625

00:13:02.440 --> 00:13:04.180 Blockers to prevent that he's

NOTE Confidence: 0.831514255625

00:13:04.180 --> 00:13:06.380 the study was a negative study,

NOTE Confidence: 0.831514255625

00:13:06.380 --> 00:13:08.837 but it led to the recognition that

NOTE Confidence: 0.831514255625

00:13:08.837 --> 00:13:11.519 not all pages with variances were risk

NOTE Confidence: 0.831514255625

00:13:11.519 --> 00:13:14.360 of to developing them in the death.

NOTE Confidence: 0.831514255625

00:13:14.360 --> 00:13:17.202 This dependent on the bid on the

NOTE Confidence: 0.831514255625

00:13:17.202 --> 00:13:19.580 degree of portal hypertension.

NOTE Confidence: 0.831514255625

00:13:19.580 --> 00:13:22.289 So if the baseline HCV was less than 10,

NOTE Confidence: 0.831514255625

00:13:22.290 --> 00:13:24.010 the probability of developing

NOTE Confidence: 0.831514255625

00:13:24.010 --> 00:13:25.300 variances for small,

NOTE Confidence: 0.831514255625

00:13:25.300 --> 00:13:27.260 whereas if it was more than 10,

NOTE Confidence: 0.831514255625

00:13:27.260 --> 00:13:29.515 the probability of of developing

NOTE Confidence: 0.831514255625

00:13:29.515 --> 00:13:31.319 varieties both much greater.
NOTE Confidence: 0.831514255625

00:13:31.320 --> 00:13:33.170 And eventually using the database
NOTE Confidence: 0.831514255625

00:13:33.170 --> 00:13:35.711 to see that report who's also going
NOTE Confidence: 0.831514255625

00:13:35.711 --> 00:13:38.005 to be at this called develop the
NOTE Confidence: 0.831514255625

00:13:38.005 --> 00:13:40.555 using the table data determined that
NOTE Confidence: 0.831514255625

00:13:40.555 --> 00:13:43.060 the probability of the composition.
NOTE Confidence: 0.831514255625

00:13:43.060 --> 00:13:45.004 Also depending on what the baseline
NOTE Confidence: 0.831514255625

00:13:45.004 --> 00:13:47.580 HVPG was and if it was fixed to 10,
NOTE Confidence: 0.700742004

00:13:47.580 --> 00:13:49.250 there probably was very low,
NOTE Confidence: 0.700742004

00:13:49.250 --> 00:13:51.042 whereas if it was more than 10
NOTE Confidence: 0.700742004

00:13:51.042 --> 00:13:52.539 it was actually much higher.
NOTE Confidence: 0.700742004

00:13:52.540 --> 00:13:55.172 And in this study the clinical decompensation
NOTE Confidence: 0.700742004

00:13:55.172 --> 00:13:57.559 was defined as overt as societies,
NOTE Confidence: 0.700742004

00:13:57.560 --> 00:13:59.942 better still hemorrhage or and overturns
NOTE Confidence: 0.700742004

00:13:59.942 --> 00:14:01.588 availability, which is what we.
NOTE Confidence: 0.700742004

00:14:01.588 --> 00:14:03.460 Defined it in the most current

NOTE Confidence: 0.700742004
00:14:03.528 --> 00:14:05.088 above annual conference,
NOTE Confidence: 0.700742004
00:14:05.090 --> 00:14:06.878 based in part in this data.
NOTE Confidence: 0.700742004
00:14:06.880 --> 00:14:08.056 These are complicated,
NOTE Confidence: 0.700742004
00:14:08.056 --> 00:14:10.408 are due to portal hypertension and
NOTE Confidence: 0.700742004
00:14:10.408 --> 00:14:12.459 establish the concept of clinically
NOTE Confidence: 0.700742004
00:14:12.459 --> 00:14:13.653 significant portal hypertension
NOTE Confidence: 0.700742004
00:14:13.653 --> 00:14:16.316 which is a baseline HVPG greater or
NOTE Confidence: 0.700742004
00:14:16.316 --> 00:14:18.422 equal to 10 millimeters of mercury.
NOTE Confidence: 0.700742004
00:14:18.430 --> 00:14:20.965 Clinically significant because it leads
NOTE Confidence: 0.700742004
00:14:20.965 --> 00:14:24.330 to the main complications of cirrhosis.
NOTE Confidence: 0.700742004
00:14:24.330 --> 00:14:26.458 We have also done studies now trying to
NOTE Confidence: 0.700742004
00:14:26.458 --> 00:14:28.425 correlate the presence of clinically
NOTE Confidence: 0.700742004
00:14:28.425 --> 00:14:29.805 significant portal hypertension.
NOTE Confidence: 0.700742004
00:14:29.810 --> 00:14:31.158 Just CSPH.
NOTE Confidence: 0.700742004
00:14:31.158 --> 00:14:33.180 With an atomic,
NOTE Confidence: 0.700742004

00:14:33.180 --> 00:14:35.028 the anatomy of patients with cirrhosis.
NOTE Confidence: 0.700742004

00:14:35.030 --> 00:14:37.774 So these are histologies of my patient
NOTE Confidence: 0.700742004

00:14:37.774 --> 00:14:39.882 with mild portal hypertension tend
NOTE Confidence: 0.700742004

00:14:39.882 --> 00:14:42.878 to have thin SEPTA thin fiber SEPTA,
NOTE Confidence: 0.700742004

00:14:42.880 --> 00:14:44.715 whereas those with clinically significant
NOTE Confidence: 0.700742004

00:14:44.715 --> 00:14:47.160 portal hypertension can tend to have thick,
NOTE Confidence: 0.700742004

00:14:47.160 --> 00:14:48.480 fibrous SEPTA,
NOTE Confidence: 0.700742004

00:14:48.480 --> 00:14:51.912 and this is important in terms
NOTE Confidence: 0.700742004

00:14:51.912 --> 00:14:53.100 of risk stratification,
NOTE Confidence: 0.700742004

00:14:53.100 --> 00:14:55.648 but also in terms of the possibility
NOTE Confidence: 0.700742004

00:14:55.648 --> 00:14:57.404 of reversals through roses and
NOTE Confidence: 0.700742004

00:14:57.404 --> 00:14:59.180 on more recently we we did,
NOTE Confidence: 0.700742004

00:14:59.180 --> 00:15:02.210 we applied the same histological
NOTE Confidence: 0.700742004

00:15:02.210 --> 00:15:02.816 characteristics.
NOTE Confidence: 0.700742004

00:15:02.820 --> 00:15:03.840 Been intermediate and thick
NOTE Confidence: 0.700742004

00:15:03.840 --> 00:15:05.370 and found out that this boy,

NOTE Confidence: 0.700742004

00:15:05.370 --> 00:15:06.981 this thick SEPTA,

NOTE Confidence: 0.700742004

00:15:06.981 --> 00:15:09.666 are related with clinical decompensation,

NOTE Confidence: 0.700742004

00:15:09.670 --> 00:15:12.080 again defined per per environmental

NOTE Confidence: 0.700742004

00:15:12.080 --> 00:15:13.044 quiteria aside.

NOTE Confidence: 0.784342785652174

00:15:16.470 --> 00:15:18.584 Then the other thing was to start

NOTE Confidence: 0.784342785652174

00:15:18.584 --> 00:15:20.690 thinking about other ways to supplement

NOTE Confidence: 0.784342785652174

00:15:20.690 --> 00:15:22.590 or complement the portal pressure

NOTE Confidence: 0.784342785652174

00:15:22.590 --> 00:15:24.308 reducing effect of beta blocker.

NOTE Confidence: 0.784342785652174

00:15:24.310 --> 00:15:25.430 So we have been using.

NOTE Confidence: 0.784342785652174

00:15:25.430 --> 00:15:29.216 We used a the VA cohort.

NOTE Confidence: 0.784342785652174

00:15:29.220 --> 00:15:32.766 the VA data to look at status and then

NOTE Confidence: 0.784342785652174

00:15:32.766 --> 00:15:35.148 it in the in the propensity match.

NOTE Confidence: 0.784342785652174

00:15:35.148 --> 00:15:38.082 So we found that that user were less likely

NOTE Confidence: 0.784342785652174

00:15:38.082 --> 00:15:40.602 to be compensated and less likely to die.

NOTE Confidence: 0.784342785652174

00:15:40.610 --> 00:15:42.470 This was supplemented by the

NOTE Confidence: 0.784342785652174

00:15:42.470 --> 00:15:44.790 using the be a vocal cord.
NOTE Confidence: 0.784342785652174

00:15:44.790 --> 00:15:47.004 Our this art for Mohanty sorry
NOTE Confidence: 0.784342785652174

00:15:47.004 --> 00:15:49.010 was in hepatitis C pages.
NOTE Confidence: 0.784342785652174

00:15:49.010 --> 00:15:51.180 The vocal study was in all etiologies
NOTE Confidence: 0.784342785652174

00:15:51.180 --> 00:15:53.783 and showed that Satan was associated with
NOTE Confidence: 0.784342785652174

00:15:53.783 --> 00:15:56.201 decreased mortality and child A&B patients.
NOTE Confidence: 0.784342785652174

00:15:56.210 --> 00:15:57.698 There's an ongoing, multicenter,
NOTE Confidence: 0.784342785652174

00:15:57.698 --> 00:15:59.930 randomized controlled trial at the VA.
NOTE Confidence: 0.784342785652174

00:15:59.930 --> 00:16:02.632 the VA secret study on preventing the
NOTE Confidence: 0.784342785652174

00:16:02.632 --> 00:16:04.201 compensation with simvastatin and
NOTE Confidence: 0.784342785652174

00:16:04.201 --> 00:16:06.307 their future trials from DNA liver
NOTE Confidence: 0.784342785652174

00:16:06.307 --> 00:16:08.436 cirrhosis network that are the BLC and
NOTE Confidence: 0.784342785652174

00:16:08.436 --> 00:16:11.730 that are also based on these studies.
NOTE Confidence: 0.784342785652174

00:16:11.730 --> 00:16:14.106 The vocal study as I show you later on
NOTE Confidence: 0.784342785652174

00:16:14.106 --> 00:16:16.349 validate the definition of sorosis through.
NOTE Confidence: 0.784342785652174

00:16:16.350 --> 00:16:18.715 Nine Nic 10 codes using
NOTE Confidence: 0.784342785652174

00:16:18.715 --> 00:16:20.607 the VA data warehouse.
NOTE Confidence: 0.784342785652174

00:16:20.610 --> 00:16:21.382 More recently,
NOTE Confidence: 0.784342785652174

00:16:21.382 --> 00:16:24.084 and because we cannot afford to do
NOTE Confidence: 0.784342785652174

00:16:24.084 --> 00:16:26.030 measurements of HBG and all patients,
NOTE Confidence: 0.784342785652174

00:16:26.030 --> 00:16:28.328 we have trying to determine noninvasive
NOTE Confidence: 0.784342785652174

00:16:28.328 --> 00:16:30.981 measures to assess the presence of
NOTE Confidence: 0.784342785652174

00:16:30.981 --> 00:16:33.085 clinically significant portal hypertension
NOTE Confidence: 0.784342785652174

00:16:33.085 --> 00:16:35.189 and particularly Nash Saroses,
NOTE Confidence: 0.784342785652174

00:16:35.190 --> 00:16:37.185 which is our current most common etiology,
NOTE Confidence: 0.784342785652174

00:16:37.190 --> 00:16:39.000 so we have validated and
NOTE Confidence: 0.784342785652174

00:16:39.000 --> 00:16:40.086 anticipating Nash model,
NOTE Confidence: 0.784342785652174

00:16:40.090 --> 00:16:42.808 which is mostly a European model.
NOTE Confidence: 0.784342785652174

00:16:42.810 --> 00:16:44.520 Using liver stiffness and platelet
NOTE Confidence: 0.784342785652174

00:16:44.520 --> 00:16:46.992 count and we are have developed very
NOTE Confidence: 0.784342785652174

00:16:46.992 --> 00:16:49.428 recently a new model that does not

NOTE Confidence: 0.784342785652174
00:16:49.428 --> 00:16:50.922 include liver stiffness measurements
NOTE Confidence: 0.784342785652174
00:16:50.922 --> 00:16:53.823 and then notice that at the VA there's
NOTE Confidence: 0.784342785652174
00:16:53.823 --> 00:16:57.230 a lot of sites that do not have the
NOTE Confidence: 0.784342785652174
00:16:57.230 --> 00:16:59.330 device to measure liver stiffness.
NOTE Confidence: 0.784342785652174
00:16:59.330 --> 00:17:01.458 Then going back again the other area
NOTE Confidence: 0.784342785652174
00:17:01.458 --> 00:17:03.801 has been a fighting and spontaneous
NOTE Confidence: 0.784342785652174
00:17:03.801 --> 00:17:05.613 bacterial peritonitis and Harold
NOTE Confidence: 0.784342785652174
00:17:05.613 --> 00:17:08.782 Kahn was the first person to coin
NOTE Confidence: 0.784342785652174
00:17:08.782 --> 00:17:10.518 the term spontaneous peritonitis
NOTE Confidence: 0.784342785652174
00:17:10.518 --> 00:17:13.508 and carefully describe 5 patients.
NOTE Confidence: 0.784342785652174
00:17:13.508 --> 00:17:14.920 In 1964,
NOTE Confidence: 0.784342785652174
00:17:14.920 --> 00:17:17.580 as Michael also mentioned in the study,
NOTE Confidence: 0.784342785652174
00:17:17.580 --> 00:17:18.920 when I was a fellow,
NOTE Confidence: 0.784342785652174
00:17:18.920 --> 00:17:20.978 we established that the PM income
NOTE Confidence: 0.784342785652174
00:17:20.978 --> 00:17:23.915 more than 250 was the one that
NOTE Confidence: 0.784342785652174

00:17:23.915 --> 00:17:26.160 that that was associated with.
NOTE Confidence: 0.784342785652174

00:17:26.160 --> 00:17:28.308 Later on getting it bacteria or
NOTE Confidence: 0.784342785652174

00:17:28.308 --> 00:17:30.708 getting the syndrome and this cut off
NOTE Confidence: 0.784342785652174

00:17:30.708 --> 00:17:32.808 is still used now in the diagnosis
NOTE Confidence: 0.784342785652174

00:17:32.880 --> 00:17:35.120 of spontaneous spectral for Dennis.
NOTE Confidence: 0.784342785652174

00:17:35.120 --> 00:17:37.381 Other studies that have to do with
NOTE Confidence: 0.784342785652174

00:17:37.381 --> 00:17:40.297 this is that we did study some
NOTE Confidence: 0.784342785652174

00:17:40.297 --> 00:17:41.922 bacterial translocation and how
NOTE Confidence: 0.784342785652174

00:17:41.922 --> 00:17:43.627 this is the main pathogenic.
NOTE Confidence: 0.784342785652174

00:17:43.630 --> 00:17:47.566 Mechanism in the development of SBP.
NOTE Confidence: 0.784342785652174

00:17:47.570 --> 00:17:50.348 We also realized that this bacterial
NOTE Confidence: 0.784342785652174

00:17:50.348 --> 00:17:52.200 translocation with inflammation leads
NOTE Confidence: 0.784342785652174

00:17:52.266 --> 00:17:54.282 to the base of the notation that
NOTE Confidence: 0.784342785652174

00:17:54.282 --> 00:17:56.650 leads in turn to the hyperdynamic
NOTE Confidence: 0.784342785652174

00:17:56.650 --> 00:17:58.090 circulation and cirrhosis.
NOTE Confidence: 0.784342785652174

00:17:58.090 --> 00:17:59.026 More recently,

NOTE Confidence: 0.784342785652174
00:17:59.026 --> 00:18:01.834 we saw that obeticholic acid prevents
NOTE Confidence: 0.784342785652174
00:18:01.834 --> 00:18:03.981 stress location of Enterococcus recalls
NOTE Confidence: 0.784342785652174
00:18:03.981 --> 00:18:06.634 which is to be a very important
NOTE Confidence: 0.784342785652174
00:18:06.703 --> 00:18:08.491 indicator Organism in cirrhosis
NOTE Confidence: 0.784342785652174
00:18:08.491 --> 00:18:12.558 and and SDP 48 hour PMN count has
NOTE Confidence: 0.784342785652174
00:18:12.558 --> 00:18:14.142 important prognostic implications.
NOTE Confidence: 0.784342785652174
00:18:14.150 --> 00:18:16.649 In terms of HTC and this has
NOTE Confidence: 0.784342785652174
00:18:16.649 --> 00:18:19.434 been mostly doctor Tatties work.
NOTE Confidence: 0.784342785652174
00:18:19.434 --> 00:18:23.370 The vocal study group was created in
NOTE Confidence: 0.784342785652174
00:18:23.370 --> 00:18:25.670 2012 that included an observational
NOTE Confidence: 0.784342785652174
00:18:25.670 --> 00:18:29.345 cohort of 130 K veterans with detailed
NOTE Confidence: 0.784342785652174
00:18:29.345 --> 00:18:30.998 clinical pharmacological laboratory
NOTE Confidence: 0.784342785652174
00:18:30.998 --> 00:18:34.270 data from VA corporate data warehouse,
NOTE Confidence: 0.784342785652174
00:18:34.270 --> 00:18:35.690 and this was validated with
NOTE Confidence: 0.784342785652174
00:18:35.690 --> 00:18:37.110 chart review so they have
NOTE Confidence: 0.793026264166666

00:18:37.163 --> 00:18:38.793 an algorithm to determine severity
NOTE Confidence: 0.793026264166666

00:18:38.793 --> 00:18:40.727 of liver disease that says burden
NOTE Confidence: 0.793026264166666

00:18:40.727 --> 00:18:42.578 and cost of HTC's affect on
NOTE Confidence: 0.793026264166666

00:18:42.578 --> 00:18:44.458 multidiscipline tumor board on survival.
NOTE Confidence: 0.793026264166666

00:18:44.460 --> 00:18:46.800 Surgical risk course in cirrhosis.
NOTE Confidence: 0.793026264166666

00:18:46.800 --> 00:18:48.726 In fact those States and metformin
NOTE Confidence: 0.793026264166666

00:18:48.726 --> 00:18:50.300 and cirrhosis already showed you
NOTE Confidence: 0.793026264166666

00:18:50.300 --> 00:18:51.698 some of the data on statins.
NOTE Confidence: 0.793026264166666

00:18:51.700 --> 00:18:52.648 And, importantly,
NOTE Confidence: 0.793026264166666

00:18:52.648 --> 00:18:55.966 this study group aims to develop a
NOTE Confidence: 0.793026264166666

00:18:55.966 --> 00:18:58.688 consortium of young investors interested
NOTE Confidence: 0.793026264166666

00:18:58.688 --> 00:19:01.398 in developing clinical trials for
NOTE Confidence: 0.793026264166666

00:19:01.398 --> 00:19:03.897 patients with cirrhosis at the VA.
NOTE Confidence: 0.793026264166666

00:19:03.900 --> 00:19:04.944 Ongoing research studies and
NOTE Confidence: 0.793026264166666

00:19:04.944 --> 00:19:06.820 I don't have time to go over.
NOTE Confidence: 0.793026264166666

00:19:06.820 --> 00:19:10.336 This is like the sacred study.

NOTE Confidence: 0.793026264166666
00:19:10.340 --> 00:19:13.276 RCT of of a quick MRI versus standard
NOTE Confidence: 0.793026264166666
00:19:13.276 --> 00:19:16.460 of care in the screen of HTC and RCT.
NOTE Confidence: 0.793026264166666
00:19:16.460 --> 00:19:18.680 FHL 2 inhibitors in the treatment
NOTE Confidence: 0.793026264166666
00:19:18.680 --> 00:19:20.920 of Saratoga sites that are based
NOTE Confidence: 0.793026264166666
00:19:20.920 --> 00:19:22.640 on prevalence of different types
NOTE Confidence: 0.793026264166666
00:19:22.640 --> 00:19:24.400 of AI and cirrhosis.
NOTE Confidence: 0.793026264166666
00:19:24.400 --> 00:19:26.088 We're very interested in
NOTE Confidence: 0.793026264166666
00:19:26.088 --> 00:19:27.354 recompensation and regression.
NOTE Confidence: 0.793026264166666
00:19:27.360 --> 00:19:30.045 Looking at service of physiological
NOTE Confidence: 0.793026264166666
00:19:30.045 --> 00:19:31.656 and hemodynamic correlations,
NOTE Confidence: 0.793026264166666
00:19:31.660 --> 00:19:33.276 evolution of portal hypertension
NOTE Confidence: 0.793026264166666
00:19:33.276 --> 00:19:35.700 and non invasive tests and pages
NOTE Confidence: 0.793026264166666
00:19:35.764 --> 00:19:37.936 war whose ecology is being treated.
NOTE Confidence: 0.793026264166666
00:19:37.940 --> 00:19:40.346 Non invasive like I mentioned predictive.
NOTE Confidence: 0.793026264166666
00:19:40.350 --> 00:19:42.884 Then at least it could make fricking
NOTE Confidence: 0.793026264166666

00:19:42.884 --> 00:19:44.431 portal hypertension and palliative
NOTE Confidence: 0.793026264166666

00:19:44.431 --> 00:19:46.858 care in serosa. We have it.
NOTE Confidence: 0.793026264166666

00:19:46.858 --> 00:19:47.690 Corey grant.
NOTE Confidence: 0.793026264166666

00:19:47.690 --> 00:19:49.532 Throughout the years,
NOTE Confidence: 0.793026264166666

00:19:49.532 --> 00:19:51.251 the Yale hepatology,
NOTE Confidence: 0.793026264166666

00:19:51.251 --> 00:19:53.706 the West Haven VA faculty,
NOTE Confidence: 0.793026264166666

00:19:53.710 --> 00:19:56.165 have had many national and
NOTE Confidence: 0.793026264166666

00:19:56.165 --> 00:19:57.147 international collaborations.
NOTE Confidence: 0.793026264166666

00:19:57.150 --> 00:20:00.894 Here I show one of our first multi
NOTE Confidence: 0.793026264166666

00:20:00.894 --> 00:20:03.113 center center multi investigator
NOTE Confidence: 0.793026264166666

00:20:03.113 --> 00:20:06.599 meetings at Reston in Virginia which
NOTE Confidence: 0.793026264166666

00:20:06.599 --> 00:20:10.447 was the counterpart of Baveno in the US.
NOTE Confidence: 0.793026264166666

00:20:10.450 --> 00:20:13.462 Here is Harold Kahn.
NOTE Confidence: 0.793026264166666

00:20:13.462 --> 00:20:17.641 My Roberto is here and and and.
NOTE Confidence: 0.793026264166666

00:20:17.641 --> 00:20:19.963 And and work together with international
NOTE Confidence: 0.793026264166666

00:20:19.963 --> 00:20:21.798 investigators and portal hypertension.

NOTE Confidence: 0.793026264166666
00:20:21.800 --> 00:20:23.352 But so you know, this is the Boston
NOTE Confidence: 0.793026264166666
00:20:23.352 --> 00:20:24.687 new and highly boss is here.
NOTE Confidence: 0.793026264166666
00:20:24.690 --> 00:20:26.266 Who's actually right here?
NOTE Confidence: 0.793026264166666
00:20:26.266 --> 00:20:28.940 Who will be with us later on.
NOTE Confidence: 0.793026264166666
00:20:28.940 --> 00:20:31.940 We are now part of the ventral corporation.
NOTE Confidence: 0.793026264166666
00:20:31.940 --> 00:20:33.308 The International Societies Club,
NOTE Confidence: 0.793026264166666
00:20:33.308 --> 00:20:35.018 the North American Consortium for
NOTE Confidence: 0.793026264166666
00:20:35.018 --> 00:20:37.000 the study of end stage liver disease.
NOTE Confidence: 0.793026264166666
00:20:37.000 --> 00:20:38.179 Tribe a cab,
NOTE Confidence: 0.793026264166666
00:20:38.179 --> 00:20:40.144 which is a multicenter consortium,
NOTE Confidence: 0.793026264166666
00:20:40.150 --> 00:20:42.298 non acute kidney injury and cirrhosis.
NOTE Confidence: 0.793026264166666
00:20:42.300 --> 00:20:43.743 The harmony construction,
NOTE Confidence: 0.793026264166666
00:20:43.743 --> 00:20:46.148 which is about hepatorenal syndrome
NOTE Confidence: 0.793026264166666
00:20:46.148 --> 00:20:47.879 in team with whom.
NOTE Confidence: 0.793026264166666
00:20:47.880 --> 00:20:49.535 We collaborate on alcoholic hepatitis
NOTE Confidence: 0.793026264166666

00:20:49.535 --> 00:20:52.469 and I like I mentioned the vocal study group.

NOTE Confidence: 0.793026264166666

00:20:52.470 --> 00:20:52.847 Now,

NOTE Confidence: 0.793026264166666

00:20:52.847 --> 00:20:53.978 let's talk about.

NOTE Confidence: 0.793026264166666

00:20:53.978 --> 00:20:55.863 We've talked about the research,

NOTE Confidence: 0.793026264166666

00:20:55.870 --> 00:20:57.965 let's talk about the clinical

NOTE Confidence: 0.793026264166666

00:20:57.965 --> 00:21:00.690 practice the VA has been amazing

NOTE Confidence: 0.793026264166666

00:21:00.690 --> 00:21:03.336 in terms of treating liver disease,

NOTE Confidence: 0.793026264166666

00:21:03.340 --> 00:21:05.338 specifically hepatitis C.

NOTE Confidence: 0.793026264166666

00:21:05.338 --> 00:21:08.905 So in 1998 the VA mandated that

NOTE Confidence: 0.793026264166666

00:21:08.905 --> 00:21:11.970 every veteran had to be assessed

NOTE Confidence: 0.793026264166666

00:21:11.970 --> 00:21:14.530 for certain HIV risk factors,

NOTE Confidence: 0.793026264166666

00:21:14.530 --> 00:21:16.495 and there was the mandatory

NOTE Confidence: 0.793026264166666

00:21:16.495 --> 00:21:18.067 initiation of the HCV.

NOTE Confidence: 0.793026264166666

00:21:18.070 --> 00:21:20.105 Clinical reminders I would remind

NOTE Confidence: 0.793026264166666

00:21:20.105 --> 00:21:22.140 clinical providers if the patient

NOTE Confidence: 0.793026264166666

00:21:22.210 --> 00:21:24.254 had risk factors to screen for HD

NOTE Confidence: 0.793026264166666
00:21:24.254 --> 00:21:26.688 then they they put on a lot of money
NOTE Confidence: 0.793026264166666
00:21:26.688 --> 00:21:28.574 to screen and treat these patients,
NOTE Confidence: 0.793026264166666
00:21:28.574 --> 00:21:31.226 and in 2001 the national hepatitis
NOTE Confidence: 0.793026264166666
00:21:31.226 --> 00:21:33.981 C period created the four hepatitis
NOTE Confidence: 0.793026264166666
00:21:33.981 --> 00:21:36.675 C resource centers at West Haven,
NOTE Confidence: 0.793026264166666
00:21:36.680 --> 00:21:39.288 VA was one of them and we created
NOTE Confidence: 0.793026264166666
00:21:39.288 --> 00:21:40.949 an implemented performance measures
NOTE Confidence: 0.793026264166666
00:21:40.949 --> 00:21:43.763 and initiatives to ensure that all
NOTE Confidence: 0.793026264166666
00:21:43.763 --> 00:21:45.994 patients with HCV were diagnosed
NOTE Confidence: 0.793026264166666
00:21:45.994 --> 00:21:47.956 and treated was the AB.
NOTE Confidence: 0.793026264166666
00:21:47.956 --> 00:21:50.248 I'm available the HRC will got
NOTE Confidence: 0.793026264166666
00:21:50.248 --> 00:21:52.033 converted into many hepatitis
NOTE Confidence: 0.793026264166666
00:21:52.033 --> 00:21:54.679 innovation teams so that we could
NOTE Confidence: 0.793026264166666
00:21:54.679 --> 00:21:56.963 expand treatment of the A12 patients
NOTE Confidence: 0.793026264166666
00:21:56.963 --> 00:22:01.910 and as a result of this this is DAY study.
NOTE Confidence: 0.81194511625

00:22:01.910 --> 00:22:05.030 90% of all veterans have been
NOTE Confidence: 0.81194511625

00:22:05.030 --> 00:22:07.658 screened and 90% of the veterans
NOTE Confidence: 0.81194511625

00:22:07.658 --> 00:22:09.643 in care have been treated,
NOTE Confidence: 0.81194511625

00:22:09.650 --> 00:22:12.002 so this is much better than
NOTE Confidence: 0.81194511625

00:22:12.002 --> 00:22:14.509 any other court in the world.
NOTE Confidence: 0.81194511625

00:22:14.510 --> 00:22:16.770 We have treated and cheered.
NOTE Confidence: 0.81194511625

00:22:16.770 --> 00:22:19.626 90% of our veterans with hepatitis C.
NOTE Confidence: 0.81194511625

00:22:19.630 --> 00:22:22.886 And because this has now happened in in,
NOTE Confidence: 0.81194511625

00:22:22.890 --> 00:22:23.844 we are not.
NOTE Confidence: 0.81194511625

00:22:23.844 --> 00:22:25.752 We're still screening pages we see,
NOTE Confidence: 0.81194511625

00:22:25.760 --> 00:22:27.854 but the focus of the appetizing
NOTE Confidence: 0.81194511625

00:22:27.854 --> 00:22:30.346 Novation team team program is now to
NOTE Confidence: 0.81194511625

00:22:30.346 --> 00:22:32.404 ensure that patient with cirrhosis are
NOTE Confidence: 0.81194511625

00:22:32.404 --> 00:22:34.907 screened and treated for varices or in
NOTE Confidence: 0.81194511625

00:22:34.907 --> 00:22:36.672 clinical significant for our provision
NOTE Confidence: 0.81194511625

00:22:36.672 --> 00:22:39.206 and our screen and treated for HCC.

NOTE Confidence: 0.81194511625
00:22:39.210 --> 00:22:41.700 So we have poorly snapshot measurements
NOTE Confidence: 0.81194511625
00:22:41.700 --> 00:22:44.289 of how each sender isn't doing,
NOTE Confidence: 0.81194511625
00:22:44.290 --> 00:22:45.586 and this is just an example,
NOTE Confidence: 0.81194511625
00:22:45.590 --> 00:22:48.236 so this is the national rate and we have
NOTE Confidence: 0.81194511625
00:22:48.236 --> 00:22:50.499 certain standards that we have to meet.
NOTE Confidence: 0.81194511625
00:22:50.500 --> 00:22:51.520 But you can see here.
NOTE Confidence: 0.81194511625
00:22:51.520 --> 00:22:53.662 This is the vision one our VA
NOTE Confidence: 0.81194511625
00:22:53.662 --> 00:22:56.128 is part of the of this network
NOTE Confidence: 0.81194511625
00:22:56.128 --> 00:22:58.834 which is called this and one and
NOTE Confidence: 0.81194511625
00:22:58.834 --> 00:23:00.939 we have for HCC surveillance.
NOTE Confidence: 0.81194511625
00:23:00.940 --> 00:23:03.340 We have 48% have been surveyed
NOTE Confidence: 0.81194511625
00:23:03.340 --> 00:23:05.940 and for various field surveillance
NOTE Confidence: 0.81194511625
00:23:05.940 --> 00:23:08.058 64% at the West Haven VA.
NOTE Confidence: 0.81194511625
00:23:08.060 --> 00:23:10.832 But we get these these dashboards
NOTE Confidence: 0.81194511625
00:23:10.832 --> 00:23:14.001 to ensure that every VA is following
NOTE Confidence: 0.81194511625

00:23:14.001 --> 00:23:16.455 this on on a regular basis.
NOTE Confidence: 0.81194511625

00:23:16.460 --> 00:23:18.413 The other thing that we have is
NOTE Confidence: 0.81194511625

00:23:18.413 --> 00:23:20.401 because many of the VA sites are
NOTE Confidence: 0.81194511625

00:23:20.401 --> 00:23:22.327 far away from the West Haven, VA.
NOTE Confidence: 0.81194511625

00:23:22.327 --> 00:23:23.188 They cannot come,
NOTE Confidence: 0.81194511625

00:23:23.188 --> 00:23:25.400 so we have now started a telepathology
NOTE Confidence: 0.81194511625

00:23:25.400 --> 00:23:27.944 clinic and we're just piloting it
NOTE Confidence: 0.81194511625

00:23:27.944 --> 00:23:30.160 with central Western Massachusetts,
NOTE Confidence: 0.81194511625

00:23:30.160 --> 00:23:32.260 where where we just several miles
NOTE Confidence: 0.81194511625

00:23:32.260 --> 00:23:34.439 away where we have made McConnell
NOTE Confidence: 0.81194511625

00:23:34.439 --> 00:23:36.214 and our two great new.
NOTE Confidence: 0.81194511625

00:23:36.220 --> 00:23:37.384 This is a pack,
NOTE Confidence: 0.81194511625

00:23:37.384 --> 00:23:39.527 but in in in Neeraja and these
NOTE Confidence: 0.81194511625

00:23:39.527 --> 00:23:41.200 are the these are this is not
NOTE Confidence: 0.81194511625

00:23:41.200 --> 00:23:42.940 is sort of like a scanning go,
NOTE Confidence: 0.81194511625

00:23:42.940 --> 00:23:44.746 but we're actually seeing the patient.

NOTE Confidence: 0.81194511625

00:23:44.750 --> 00:23:46.490 These are the two nurses in

NOTE Confidence: 0.81194511625

00:23:46.490 --> 00:23:47.360 central Western Massachusetts.

NOTE Confidence: 0.81194511625

00:23:47.360 --> 00:23:50.056 So we have two clinics a week where

NOTE Confidence: 0.81194511625

00:23:50.056 --> 00:23:52.907 we can actually see the patient talk

NOTE Confidence: 0.81194511625

00:23:52.907 --> 00:23:56.009 to the patient and and and and and

NOTE Confidence: 0.81194511625

00:23:56.009 --> 00:23:58.430 come up with it with a joint plan

NOTE Confidence: 0.81194511625

00:23:58.430 --> 00:24:00.846 with the other center so that we can

NOTE Confidence: 0.81194511625

00:24:00.846 --> 00:24:03.158 take care of these patients if need be,

NOTE Confidence: 0.81194511625

00:24:03.160 --> 00:24:03.984 they would be transferred

NOTE Confidence: 0.81194511625

00:24:03.984 --> 00:24:05.490 over to for us to see them,

NOTE Confidence: 0.81194511625

00:24:05.490 --> 00:24:08.050 but for now we can save the patient

NOTE Confidence: 0.81194511625

00:24:08.050 --> 00:24:10.646 a lot of travel to come to us.

NOTE Confidence: 0.81194511625

00:24:10.650 --> 00:24:13.100 The other thing that we have is

NOTE Confidence: 0.81194511625

00:24:13.100 --> 00:24:15.256 education and for this we have

NOTE Confidence: 0.81194511625

00:24:15.256 --> 00:24:17.657 biweekly what we call VA scan ECHO.

NOTE Confidence: 0.81194511625

00:24:17.660 --> 00:24:19.730 This is a VA specialty care
NOTE Confidence: 0.81194511625

00:24:19.730 --> 00:24:21.678 access network with extension of
NOTE Confidence: 0.81194511625

00:24:21.678 --> 00:24:23.178 community healthcare outcomes.
NOTE Confidence: 0.81194511625

00:24:23.180 --> 00:24:27.146 This goes to primary care providers.
NOTE Confidence: 0.81194511625

00:24:27.150 --> 00:24:29.656 And we have different is that the
NOTE Confidence: 0.81194511625

00:24:29.656 --> 00:24:32.000 topics are all about cirrhosis.
NOTE Confidence: 0.81194511625

00:24:32.000 --> 00:24:32.752 For example,
NOTE Confidence: 0.81194511625

00:24:32.752 --> 00:24:34.632 palative care and cirrhosis tips
NOTE Confidence: 0.81194511625

00:24:34.632 --> 00:24:36.709 for portal hypertension of intersex
NOTE Confidence: 0.81194511625

00:24:36.709 --> 00:24:38.050 consensus conference debrief.
NOTE Confidence: 0.81194511625

00:24:38.050 --> 00:24:40.266 And this is all led by our own
NOTE Confidence: 0.81194511625

00:24:40.266 --> 00:24:42.386 Simona Jacob who has done an
NOTE Confidence: 0.81194511625

00:24:42.386 --> 00:24:44.256 amazing job at this educational
NOTE Confidence: 0.81194511625

00:24:44.256 --> 00:24:45.859 activities throughout the VA.
NOTE Confidence: 0.840575517368421

00:24:48.120 --> 00:24:49.388 These are also these.
NOTE Confidence: 0.840575517368421

00:24:49.388 --> 00:24:51.290 These are a list of clinical

NOTE Confidence: 0.840575517368421
00:24:51.362 --> 00:24:52.998 practice guidelines that have
NOTE Confidence: 0.840575517368421
00:24:52.998 --> 00:24:55.043 been authored by West Haven,
NOTE Confidence: 0.840575517368421
00:24:55.050 --> 00:24:56.945 VA faculty and includes different
NOTE Confidence: 0.840575517368421
00:24:56.945 --> 00:24:59.337 topics that are related mostly to
NOTE Confidence: 0.840575517368421
00:24:59.337 --> 00:25:01.089 cirrhosis and portal hypertension.
NOTE Confidence: 0.840575517368421
00:25:01.090 --> 00:25:02.990 International ones like the
NOTE Confidence: 0.840575517368421
00:25:02.990 --> 00:25:04.890 international side club guidelines.
NOTE Confidence: 0.840575517368421
00:25:04.890 --> 00:25:06.141 Barbano consensus conference.
NOTE Confidence: 0.840575517368421
00:25:06.141 --> 00:25:07.809 They're most recent one,
NOTE Confidence: 0.840575517368421
00:25:07.810 --> 00:25:11.180 the one that has just been published in 2022.
NOTE Confidence: 0.840575517368421
00:25:11.180 --> 00:25:15.520 We have a VA guideline which just needs
NOTE Confidence: 0.840575517368421
00:25:15.520 --> 00:25:17.830 to be updated, but then we have been.
NOTE Confidence: 0.840575517368421
00:25:17.830 --> 00:25:19.114 Involved in portal hypertension.
NOTE Confidence: 0.840575517368421
00:25:19.114 --> 00:25:20.719 Vascular disease of the liver.
NOTE Confidence: 0.840575517368421
00:25:20.720 --> 00:25:21.423 Elastography,
NOTE Confidence: 0.840575517368421

00:25:21.423 --> 00:25:24.938 the source of mesenteric circulation.

NOTE Confidence: 0.840575517368421

00:25:24.940 --> 00:25:28.090 Again tips, palliative care and two

NOTE Confidence: 0.840575517368421

00:25:28.090 --> 00:25:31.100 guidelines on fetal cellular carcinoma.

NOTE Confidence: 0.840575517368421

00:25:31.100 --> 00:25:33.275 And we have something that's

NOTE Confidence: 0.840575517368421

00:25:33.275 --> 00:25:34.145 called cirrhosis.

NOTE Confidence: 0.840575517368421

00:25:34.150 --> 00:25:34.964 Quick notes,

NOTE Confidence: 0.840575517368421

00:25:34.964 --> 00:25:37.406 and this is these are algorithm.

NOTE Confidence: 0.840575517368421

00:25:37.410 --> 00:25:39.468 There's just three and a half pages

NOTE Confidence: 0.840575517368421

00:25:39.468 --> 00:25:41.135 that talk about compensated and

NOTE Confidence: 0.840575517368421

00:25:41.135 --> 00:25:42.950 Gray and decompensated sorosis and

NOTE Confidence: 0.840575517368421

00:25:42.950 --> 00:25:45.363 the close up because he managed

NOTE Confidence: 0.840575517368421

00:25:45.363 --> 00:25:47.047 not compensated cirrhosis and

NOTE Confidence: 0.840575517368421

00:25:47.047 --> 00:25:48.898 managed of decompensated and just

NOTE Confidence: 0.840575517368421

00:25:48.898 --> 00:25:50.074 for variceal surveillance for

NOTE Confidence: 0.840575517368421

00:25:50.074 --> 00:25:52.061 example we see if the pay has

NOTE Confidence: 0.840575517368421

00:25:52.061 --> 00:25:53.567 small viruses and it's a child.

NOTE Confidence: 0.840575517368421

00:25:53.570 --> 00:25:56.314 Pugh Class B then we go to

NOTE Confidence: 0.840575517368421

00:25:56.314 --> 00:25:58.370 non selective beta blockers.

NOTE Confidence: 0.840575517368421

00:25:58.370 --> 00:25:59.966 If beta blockers are given repeated

NOTE Confidence: 0.840575517368421

00:25:59.966 --> 00:26:01.450 those three more years so that.

NOTE Confidence: 0.840575517368421

00:26:01.450 --> 00:26:03.562 This goes on for every complication

NOTE Confidence: 0.840575517368421

00:26:03.562 --> 00:26:06.252 of sorosis and we have been generous

NOTE Confidence: 0.840575517368421

00:26:06.252 --> 00:26:08.682 to give these quickness to their

NOTE Confidence: 0.840575517368421

00:26:08.682 --> 00:26:10.305 different other centers across

NOTE Confidence: 0.840575517368421

00:26:10.305 --> 00:26:12.603 the USA and actually to Europe.

NOTE Confidence: 0.840575517368421

00:26:12.610 --> 00:26:14.620 The other thing that we have.

NOTE Confidence: 0.840575517368421

00:26:14.620 --> 00:26:17.062 There's of clinical practice is the

NOTE Confidence: 0.840575517368421

00:26:17.062 --> 00:26:19.619 creation of regional liver tumor boards.

NOTE Confidence: 0.840575517368421

00:26:19.620 --> 00:26:21.601 We were the first one and now

NOTE Confidence: 0.840575517368421

00:26:21.601 --> 00:26:23.268 it has expanded to other VA.

NOTE Confidence: 0.840575517368421

00:26:23.270 --> 00:26:25.622 The first one that was created by

NOTE Confidence: 0.840575517368421

00:26:25.622 --> 00:26:27.440 Tamar Taddy involves Connecticut,
NOTE Confidence: 0.840575517368421

00:26:27.440 --> 00:26:28.402 Rhode Island,
NOTE Confidence: 0.840575517368421

00:26:28.402 --> 00:26:31.288 Central Western Mass and Vermont and
NOTE Confidence: 0.840575517368421

00:26:31.288 --> 00:26:34.887 this is we see we valid every single
NOTE Confidence: 0.840575517368421

00:26:34.887 --> 00:26:36.722 patient with imaging abnormalities
NOTE Confidence: 0.840575517368421

00:26:36.722 --> 00:26:39.668 and the ones that are detected
NOTE Confidence: 0.840575517368421

00:26:39.668 --> 00:26:42.856 as HC come to us for treatment.
NOTE Confidence: 0.840575517368421

00:26:42.860 --> 00:26:45.548 So this has made the VA Connecticut.
NOTE Confidence: 0.840575517368421

00:26:45.550 --> 00:26:48.496 System a regional referral Center for
NOTE Confidence: 0.840575517368421

00:26:48.496 --> 00:26:52.027 local regional therapy in all of New England.
NOTE Confidence: 0.840575517368421

00:26:52.030 --> 00:26:54.100 The other thing that Tomark creators
NOTE Confidence: 0.840575517368421

00:26:54.100 --> 00:26:55.950 is this tumor tracking system,
NOTE Confidence: 0.840575517368421

00:26:55.950 --> 00:26:58.449 which is the system that that is
NOTE Confidence: 0.840575517368421

00:26:58.449 --> 00:27:01.333 used using all the the reports the
NOTE Confidence: 0.840575517368421

00:27:01.333 --> 00:27:03.065 radiological reports from every
NOTE Confidence: 0.840575517368421

00:27:03.065 --> 00:27:05.609 VA we started with ours VA,

NOTE Confidence: 0.840575517368421

00:27:05.610 --> 00:27:08.352 Connecticut in 2010 and this has

NOTE Confidence: 0.840575517368421

00:27:08.352 --> 00:27:11.689 now been expanding to all of of many

NOTE Confidence: 0.840575517368421

00:27:11.689 --> 00:27:14.359 more centers in the hope of getting

NOTE Confidence: 0.840575517368421

00:27:14.359 --> 00:27:17.495 an idea of what are outcomes in

NOTE Confidence: 0.840575517368421

00:27:17.495 --> 00:27:20.160 patients with HCC and and what who

NOTE Confidence: 0.840575517368421

00:27:20.160 --> 00:27:22.539 are the senders that this may be.

NOTE Confidence: 0.840575517368421

00:27:22.540 --> 00:27:24.970 Where this might be improved?

NOTE Confidence: 0.840575517368421

00:27:24.970 --> 00:27:26.800 What then we have the trainees?

NOTE Confidence: 0.835501319090909

00:27:28.970 --> 00:27:31.196 That we have already jam already

NOTE Confidence: 0.835501319090909

00:27:31.196 --> 00:27:33.290 talked about them this morning,

NOTE Confidence: 0.835501319090909

00:27:33.290 --> 00:27:35.810 but this year fellows training that

NOTE Confidence: 0.835501319090909

00:27:35.810 --> 00:27:38.400 case specifically to the VA to be

NOTE Confidence: 0.835501319090909

00:27:38.400 --> 00:27:41.730 trained we have 118 fills up 25%

NOTE Confidence: 0.835501319090909

00:27:41.730 --> 00:27:43.630 are currently in academic medicine,

NOTE Confidence: 0.835501319090909

00:27:43.630 --> 00:27:45.174 performing research and hepatitis.

NOTE Confidence: 0.835501319090909

00:27:45.174 --> 00:27:47.851 There we come from 18 different places
NOTE Confidence: 0.835501319090909

00:27:47.851 --> 00:27:49.966 in the world, most of them from the US.
NOTE Confidence: 0.835501319090909

00:27:49.970 --> 00:27:51.965 Of course we also have Mountain Canada,
NOTE Confidence: 0.835501319090909

00:27:51.970 --> 00:27:55.202 Mexico, Brazil, Argentina, Spain,
NOTE Confidence: 0.835501319090909

00:27:55.202 --> 00:27:59.302 Barcelona and Madrid, Switzerland, Germany.
NOTE Confidence: 0.835501319090909

00:27:59.302 --> 00:28:06.140 On I forget Lebanon, Africa, India.
NOTE Confidence: 0.835501319090909

00:28:06.140 --> 00:28:08.960 We also have them from Thailand,
NOTE Confidence: 0.835501319090909

00:28:08.960 --> 00:28:09.854 mainland China,
NOTE Confidence: 0.835501319090909

00:28:09.854 --> 00:28:12.983 Japan and Taiwan and the I cannot
NOTE Confidence: 0.835501319090909

00:28:12.983 --> 00:28:15.238 mention all of them of course,
NOTE Confidence: 0.835501319090909

00:28:15.240 --> 00:28:17.249 but among them we have Heimbach who
NOTE Confidence: 0.835501319090909

00:28:17.249 --> 00:28:19.560 has been with us throughout the whole
NOTE Confidence: 0.835501319090909

00:28:19.560 --> 00:28:21.636 years and Christina report as well.
NOTE Confidence: 0.835501319090909

00:28:21.640 --> 00:28:23.896 Who will be later on at this meeting.
NOTE Confidence: 0.835501319090909

00:28:23.900 --> 00:28:26.510 And of course I will not use all of
NOTE Confidence: 0.835501319090909

00:28:26.510 --> 00:28:28.720 these are mentioning here are either

NOTE Confidence: 0.835501319090909
00:28:28.720 --> 00:28:31.548 chiefs of of of their section or
NOTE Confidence: 0.835501319090909
00:28:31.548 --> 00:28:34.698 chairmans of medicine and have continued.
NOTE Confidence: 0.835501319090909
00:28:34.698 --> 00:28:37.678 The role of investigating prohibition
NOTE Confidence: 0.835501319090909
00:28:37.678 --> 00:28:39.620 and of course,
NOTE Confidence: 0.835501319090909
00:28:39.620 --> 00:28:42.427 those who are no longer with us
NOTE Confidence: 0.835501319090909
00:28:42.427 --> 00:28:44.750 like Antibi and David Kraft.
NOTE Confidence: 0.835501319090909
00:28:44.750 --> 00:28:47.210 Now, in terms of leadership,
NOTE Confidence: 0.835501319090909
00:28:47.210 --> 00:28:49.590 we have had over prominence in in
NOTE Confidence: 0.835501319090909
00:28:49.590 --> 00:28:51.770 terms of visibility across the world.
NOTE Confidence: 0.835501319090909
00:28:51.770 --> 00:28:54.450 Dairy classifying was ASV President
NOTE Confidence: 0.835501319090909
00:28:54.450 --> 00:28:57.677 1957 and got the American College of
NOTE Confidence: 0.835501319090909
00:28:57.677 --> 00:28:59.930 Physicians Distinguished Teacher Award twice.
NOTE Confidence: 0.835501319090909
00:28:59.930 --> 00:29:01.242 And like Jim mentioned,
NOTE Confidence: 0.835501319090909
00:29:01.242 --> 00:29:03.210 despite him not being a member,
NOTE Confidence: 0.835501319090909
00:29:03.210 --> 00:29:05.586 he thought the aging a Freedom Wall Award.
NOTE Confidence: 0.835501319090909

00:29:05.590 --> 00:29:07.809 Harold Comma was president of the ASLD.

NOTE Confidence: 0.835501319090909

00:29:07.810 --> 00:29:10.252 Roberto Grossman was the founder of

NOTE Confidence: 0.835501319090909

00:29:10.252 --> 00:29:12.217 the Barbano Portal Hypertension group

NOTE Confidence: 0.835501319090909

00:29:12.217 --> 00:29:14.674 and got the Alf the ASLD and the easel.

NOTE Confidence: 0.835501319090909

00:29:14.680 --> 00:29:17.984 Teen Awards I was president of the

NOTE Confidence: 0.835501319090909

00:29:17.984 --> 00:29:21.268 SLD in 2012 and also got the easel

NOTE Confidence: 0.835501319090909

00:29:21.268 --> 00:29:23.721 ASLD Alf Awards and I'm currently at

NOTE Confidence: 0.835501319090909

00:29:23.721 --> 00:29:26.528 the Governor's Executive Committee.

NOTE Confidence: 0.835501319090909

00:29:26.530 --> 00:29:28.042 This is the end.

NOTE Confidence: 0.835501319090909

00:29:28.042 --> 00:29:30.670 I mostly want to thank the VA.

NOTE Confidence: 0.835501319090909

00:29:30.670 --> 00:29:33.310 I want to thank again Mario and Mike

NOTE Confidence: 0.835501319090909

00:29:33.310 --> 00:29:35.828 for inviting me to this and allowing

NOTE Confidence: 0.835501319090909

00:29:35.828 --> 00:29:37.997 me to highlight how important the

NOTE Confidence: 0.835501319090909

00:29:37.997 --> 00:29:40.477 VA has been in the mission of of

NOTE Confidence: 0.835501319090909

00:29:40.477 --> 00:29:42.102 advancing liver research and education.

NOTE Confidence: 0.835501319090909

00:29:42.102 --> 00:29:44.690 And I thank the VA because that has

NOTE Confidence: 0.835501319090909
00:29:44.690 --> 00:29:46.650 allowed me to do all these things.
NOTE Confidence: 0.835501319090909
00:29:46.650 --> 00:29:48.176 Thank you very much for your attention.
NOTE Confidence: 0.764283496
00:29:50.150 --> 00:29:52.467 Lupe, thank you very much for really
NOTE Confidence: 0.764283496
00:29:52.467 --> 00:29:54.199 a wonderful talk and highlighting
NOTE Confidence: 0.764283496
00:29:54.199 --> 00:29:56.895 the great work that's been at the VA.
NOTE Confidence: 0.764283496
00:29:56.900 --> 00:29:59.492 Just treating hepatitis C and and
NOTE Confidence: 0.764283496
00:29:59.492 --> 00:30:01.763 and screening for liver cancer
NOTE Confidence: 0.764283496
00:30:01.763 --> 00:30:04.098 and having the tumor registry.
NOTE Confidence: 0.764283496
00:30:04.100 --> 00:30:05.075 Really great achievements.
NOTE Confidence: 0.764283496
00:30:05.075 --> 00:30:06.050 Thanks very much.
NOTE Confidence: 0.828847014444445
00:30:07.620 --> 00:30:10.545 Thank you, it's it's. I'm very proud of you.
NOTE Confidence: 0.870714683333333
00:30:12.430 --> 00:30:13.906 All right, well thank you to
NOTE Confidence: 0.870714683333333
00:30:13.906 --> 00:30:15.370 the audience and we'll move to
NOTE Confidence: 0.870714683333333
00:30:15.370 --> 00:30:16.580 the next stop. See you soon.