

WEBVTT

NOTE duration:"00:56:07"

NOTE recognizability:0.645

NOTE language:en-us

NOTE Confidence: 0.6350034

00:00:00.000 --> 00:00:00.720 Yes is a

NOTE Confidence: 0.6350034

00:00:02.120 --> 00:00:05.072 yes is a year long series that gives

NOTE Confidence: 0.6350034

00:00:05.072 --> 00:00:07.004 us the opportunity to meet at this

NOTE Confidence: 0.6350034

00:00:07.004 --> 00:00:08.839 time on Friday is twice a month,

NOTE Confidence: 0.6350034

00:00:08.840 --> 00:00:10.816 this time on Fridays.

NOTE Confidence: 0.6350034

00:00:10.816 --> 00:00:13.286 So we welcome your ongoing

NOTE Confidence: 0.6350034

00:00:13.286 --> 00:00:15.040 attendance at the series.

NOTE Confidence: 0.6350034

00:00:15.040 --> 00:00:17.193 Doctor Andres Martin from Psychiatry

NOTE Confidence: 0.6350034

00:00:17.193 --> 00:00:19.311 in the Child Study Center and

NOTE Confidence: 0.6350034

00:00:19.311 --> 00:00:21.170 Doctor Dana Dunn from Internal

NOTE Confidence: 0.6350034

00:00:21.170 --> 00:00:23.354 Medicine are Co directors of YES.

NOTE Confidence: 0.6350034

00:00:23.360 --> 00:00:25.978 So I'd like to invite Doctor Martin

NOTE Confidence: 0.6350034

00:00:25.978 --> 00:00:28.292 now to let us know what we'll

NOTE Confidence: 0.6350034

00:00:28.292 --> 00:00:29.888 be doing today and to introduce
NOTE Confidence: 0.6350034

00:00:29.888 --> 00:00:32.520 today's presenter, Andreas.
NOTE Confidence: 0.6350034

00:00:32.520 --> 00:00:34.440 Thanks, John.
NOTE Confidence: 0.6350034

00:00:34.440 --> 00:00:38.744 Well, we're all in for a treat today and I
NOTE Confidence: 0.6350034

00:00:38.744 --> 00:00:42.520 won't take much time telling you about Jeff,
NOTE Confidence: 0.6350034

00:00:42.520 --> 00:00:44.760 but I'll share one or two things.
NOTE Confidence: 0.6350034

00:00:44.760 --> 00:00:46.760 As you can see, he is a neurologist.
NOTE Confidence: 0.6350034

00:00:46.760 --> 00:00:48.915 He's an associate professor in
NOTE Confidence: 0.6350034

00:00:48.915 --> 00:00:50.639 the Department of Neurology,
NOTE Confidence: 0.6350034

00:00:50.640 --> 00:00:52.260 Neurology assistant, associate.
NOTE Confidence: 0.6350034

00:00:52.260 --> 00:00:54.960 He should be a assistant.
NOTE Confidence: 0.7938903

00:00:55.800 --> 00:00:57.680 He's assistant. But you heard it here first.
NOTE Confidence: 0.7938903

00:00:58.160 --> 00:00:59.080 You heard it here first.
NOTE Confidence: 0.7938903

00:00:59.080 --> 00:01:00.940 He will be an associate
NOTE Confidence: 0.7938903

00:01:00.940 --> 00:01:02.800 sometime soon I'm I'm sure.
NOTE Confidence: 0.7938903

00:01:02.800 --> 00:01:06.918 And he is associate training director

NOTE Confidence: 0.7938903

00:01:06.918 --> 00:01:09.424 for the residency and it's interesting

NOTE Confidence: 0.7938903

00:01:09.424 --> 00:01:11.392 that he's a director of Wellness.

NOTE Confidence: 0.7938903

00:01:11.400 --> 00:01:13.560 I I say that because as you get to know

NOTE Confidence: 0.7938903

00:01:13.623 --> 00:01:15.575 Jeff and the time that I've met him

NOTE Confidence: 0.7938903

00:01:15.575 --> 00:01:17.678 you will see what a Zen master he is.

NOTE Confidence: 0.7938903

00:01:17.680 --> 00:01:22.636 He's a really incredibly calm and

NOTE Confidence: 0.7938903

00:01:22.640 --> 00:01:24.860 calming presence and and everything

NOTE Confidence: 0.7938903

00:01:24.860 --> 00:01:27.512 that he does in teaching and and

NOTE Confidence: 0.7938903

00:01:27.512 --> 00:01:29.240 so when I asked him what area of

NOTE Confidence: 0.7938903

00:01:29.298 --> 00:01:31.223 neurology he is dedicated to I thought

NOTE Confidence: 0.7938903

00:01:31.223 --> 00:01:33.599 it was going to be I don't know like

NOTE Confidence: 0.7938903

00:01:33.599 --> 00:01:35.154 some brain waves about calmness.

NOTE Confidence: 0.7938903

00:01:35.154 --> 00:01:38.478 No. He is an electromuscular Dr.

NOTE Confidence: 0.7938903

00:01:38.480 --> 00:01:41.620 Doctor so for a living he inserts needles

NOTE Confidence: 0.7938903

00:01:41.620 --> 00:01:43.985 into people pleasant experience but he

NOTE Confidence: 0.7938903

00:01:43.985 --> 00:01:47.598 is an expert at that and general neurology.
NOTE Confidence: 0.7938903

00:01:47.600 --> 00:01:52.148 So today Jeff is going to be telling us about
NOTE Confidence: 0.7938903

00:01:52.148 --> 00:01:55.626 the what I think could be in some places,
NOTE Confidence: 0.7938903

00:01:55.626 --> 00:01:57.438 the lost art of bedside teaching.
NOTE Confidence: 0.7938903

00:01:57.440 --> 00:02:00.860 But it is far from lost and with with
NOTE Confidence: 0.7938903

00:02:00.860 --> 00:02:03.800 teachers and educators like like Jeff it,
NOTE Confidence: 0.7938903

00:02:03.800 --> 00:02:04.600 it will not be lost.
NOTE Confidence: 0.7938903

00:02:04.600 --> 00:02:07.239 So let's learn about that bedside teaching.
NOTE Confidence: 0.7938903

00:02:07.240 --> 00:02:07.600 Jeff,
NOTE Confidence: 0.5264512

00:02:08.760 --> 00:02:10.840 thank you. Thank you all for having me.
NOTE Confidence: 0.5264512

00:02:10.840 --> 00:02:12.433 I don't usually get to join at this time.
NOTE Confidence: 0.5264512

00:02:12.440 --> 00:02:14.596 So I'm excited to to be part
NOTE Confidence: 0.5264512

00:02:14.596 --> 00:02:16.413 of the series and to attend
NOTE Confidence: 0.5264512

00:02:16.413 --> 00:02:18.278 today in my speaker role.
NOTE Confidence: 0.5264512

00:02:18.280 --> 00:02:19.440 I'll switch the next slide.
NOTE Confidence: 0.5264512

00:02:19.440 --> 00:02:21.350 Here's all the CME information

NOTE Confidence: 0.5264512

00:02:21.350 --> 00:02:22.878 you need to know.

NOTE Confidence: 0.5264512

00:02:22.880 --> 00:02:25.560 The code and the number are also in the chat,

NOTE Confidence: 0.5264512

00:02:25.560 --> 00:02:27.420 so don't feel like you have

NOTE Confidence: 0.5264512

00:02:27.420 --> 00:02:28.760 to frantically put that down.

NOTE Confidence: 0.4107557

00:02:31.800 --> 00:02:33.837 So we asked you ahead of time.

NOTE Confidence: 0.4107557

00:02:33.840 --> 00:02:35.664 You may have seemed to come with a

NOTE Confidence: 0.4107557

00:02:35.664 --> 00:02:37.560 mobile device, and this is going

NOTE Confidence: 0.4107557

00:02:37.560 --> 00:02:39.360 to be an interactive session.

NOTE Confidence: 0.4107557

00:02:39.360 --> 00:02:40.692 I hope to listen,

NOTE Confidence: 0.4107557

00:02:40.692 --> 00:02:43.280 maybe not as much as I speak,

NOTE Confidence: 0.4107557

00:02:43.280 --> 00:02:44.799 but at least a fair proportion of

NOTE Confidence: 0.4107557

00:02:44.799 --> 00:02:46.519 the time to what you have to say.

NOTE Confidence: 0.4107557

00:02:46.520 --> 00:02:48.680 And I've found that I know you all learned

NOTE Confidence: 0.4107557

00:02:48.680 --> 00:02:50.520 about Mentimeter at the last session.

NOTE Confidence: 0.4107557

00:02:50.520 --> 00:02:51.996 I found it's a really useful

NOTE Confidence: 0.4107557

00:02:51.996 --> 00:02:53.272 platform for teaching and we're
NOTE Confidence: 0.4107557

00:02:53.272 --> 00:02:54.718 going to use it together today.
NOTE Confidence: 0.4107557

00:02:54.720 --> 00:02:55.970 So the instructions will be
NOTE Confidence: 0.4107557

00:02:55.970 --> 00:02:57.600 at the top of every slide.
NOTE Confidence: 0.4107557

00:02:57.600 --> 00:02:59.640 If for any reason you get logged out,
NOTE Confidence: 0.4107557

00:02:59.640 --> 00:03:01.584 you'll also notice in the in the on
NOTE Confidence: 0.4107557

00:03:01.584 --> 00:03:03.414 your screen some slides will give you
NOTE Confidence: 0.4107557

00:03:03.414 --> 00:03:05.279 an opportunity to give a thumbs up.
NOTE Confidence: 0.4107557

00:03:05.280 --> 00:03:06.792 Some slides will give you an
NOTE Confidence: 0.4107557

00:03:06.792 --> 00:03:08.320 opportunity to ask a question.
NOTE Confidence: 0.4107557

00:03:08.320 --> 00:03:09.718 So if you have a question,
NOTE Confidence: 0.4107557

00:03:09.720 --> 00:03:11.498 just click on the question button and
NOTE Confidence: 0.4107557

00:03:11.498 --> 00:03:13.436 I'll be monitoring the bottom of the screen.
NOTE Confidence: 0.4107557

00:03:13.440 --> 00:03:14.676 Other ways to ask questions are
NOTE Confidence: 0.4107557

00:03:14.676 --> 00:03:16.045 to raise your hand in zoom or
NOTE Confidence: 0.4107557

00:03:16.045 --> 00:03:17.035 to drop them in the chat.

NOTE Confidence: 0.678885

00:03:19.680 --> 00:03:21.280 So let's see if we got logged in.

NOTE Confidence: 0.678885

00:03:21.280 --> 00:03:24.637 Please share with us a recent moment of joy,

NOTE Confidence: 0.678885

00:03:24.640 --> 00:03:26.240 something that brought you joy.

NOTE Confidence: 0.678885

00:03:26.240 --> 00:03:27.596 While we're waiting, I'll just share.

NOTE Confidence: 0.678885

00:03:27.600 --> 00:03:30.252 We entered my dog in a Halloween costume

NOTE Confidence: 0.678885

00:03:30.252 --> 00:03:32.674 contest last weekend at a local brewery.

NOTE Confidence: 0.678885

00:03:32.680 --> 00:03:33.688 Anyone. Top prize?

NOTE Confidence: 0.678885

00:03:33.688 --> 00:03:36.240 So that was my moment of joy that

NOTE Confidence: 0.678885

00:03:36.240 --> 00:03:37.640 we dressed him up as serious black.

NOTE Confidence: 0.678885

00:03:37.640 --> 00:03:38.680 He's a big black dog.

NOTE Confidence: 0.678885

00:03:38.680 --> 00:03:40.157 And for those of you who know

NOTE Confidence: 0.678885

00:03:40.157 --> 00:03:41.160 the Harry Potter series,

NOTE Confidence: 0.678885

00:03:41.160 --> 00:03:43.400 that was his sort of alter ego.

NOTE Confidence: 0.678885

00:03:43.400 --> 00:03:44.400 That character was a dog.

NOTE Confidence: 0.678885

00:03:44.400 --> 00:03:47.236 So I see people who did some baking,

NOTE Confidence: 0.678885

00:03:47.240 --> 00:03:47.914 some reorganizing,
NOTE Confidence: 0.678885
00:03:47.914 --> 00:03:49.599 spending some time with family.
NOTE Confidence: 0.678885
00:03:49.600 --> 00:03:49.720 Yeah.
NOTE Confidence: 0.48205787
00:03:51.840 --> 00:03:56.192 And and dogs. All right.
NOTE Confidence: 0.48205787
00:03:56.192 --> 00:03:57.920 This is good.
NOTE Confidence: 0.48205787
00:03:57.920 --> 00:03:59.719 I always get joy just reading these.
NOTE Confidence: 0.48205787
00:03:59.720 --> 00:04:02.280 I I hope you all do as well.
NOTE Confidence: 0.48205787
00:04:02.280 --> 00:04:03.561 And I'm happy to see that you're
NOTE Confidence: 0.48205787
00:04:03.561 --> 00:04:05.077 able to log in and use Ventimeter.
NOTE Confidence: 0.48205787
00:04:05.080 --> 00:04:07.920 So keep your phone handy.
NOTE Confidence: 0.48205787
00:04:07.920 --> 00:04:09.688 We are going to, I'm going to hit
NOTE Confidence: 0.48205787
00:04:09.688 --> 00:04:11.559 you with questions throughout this.
NOTE Confidence: 0.48205787
00:04:11.560 --> 00:04:12.640 Some will be free response.
NOTE Confidence: 0.48205787
00:04:12.640 --> 00:04:14.920 Some will be just polls,
NOTE Confidence: 0.48205787
00:04:14.920 --> 00:04:16.635 and you'll it'll give you a little
NOTE Confidence: 0.48205787
00:04:16.635 --> 00:04:18.602 taste of how I use mentimeter in

NOTE Confidence: 0.48205787

00:04:18.602 --> 00:04:20.077 an instructional level as well,

NOTE Confidence: 0.48205787

00:04:20.080 --> 00:04:21.430 although I can't say I've ever

NOTE Confidence: 0.48205787

00:04:21.430 --> 00:04:22.720 incorporated it at the bedside.

NOTE Confidence: 0.48205787

00:04:22.720 --> 00:04:24.405 So thank you for sharing

NOTE Confidence: 0.48205787

00:04:24.405 --> 00:04:25.753 these moments of joy.

NOTE Confidence: 0.48205787

00:04:25.760 --> 00:04:27.275 Please share what thoughts or

NOTE Confidence: 0.48205787

00:04:27.275 --> 00:04:29.208 feelings come to mind when you

NOTE Confidence: 0.48205787

00:04:29.208 --> 00:04:30.636 think about bedside teaching.

NOTE Confidence: 0.48205787

00:04:30.640 --> 00:04:32.488 These can be emotions.

NOTE Confidence: 0.48205787

00:04:32.488 --> 00:04:34.892 These can be key points

NOTE Confidence: 0.48205787

00:04:34.892 --> 00:04:36.916 about good bedside teaching.

NOTE Confidence: 0.48205787

00:04:36.920 --> 00:04:38.400 These can be personal experiences.

NOTE Confidence: 0.48205787

00:04:38.400 --> 00:04:39.480 But what do you think about,

NOTE Confidence: 0.45482963

00:04:44.400 --> 00:04:45.280 especially if someone told you,

NOTE Confidence: 0.45482963

00:04:45.280 --> 00:04:46.608 hey, today you have to go and you

NOTE Confidence: 0.45482963

00:04:46.608 --> 00:04:47.839 have to teach at the bedside,
NOTE Confidence: 0.45482963

00:04:47.840 --> 00:04:48.836 what does that make you feel?
NOTE Confidence: 0.45482963

00:04:51.120 --> 00:04:52.050 Well thank you for sharing a
NOTE Confidence: 0.45482963

00:04:52.050 --> 00:04:52.999 moment to join the chat too.
NOTE Confidence: 0.45482963

00:04:53.000 --> 00:04:56.520 I see that excitement, curiosity,
NOTE Confidence: 0.45482963

00:04:59.040 --> 00:05:00.435 fun, happy, valuable.
NOTE Confidence: 0.45482963

00:05:00.435 --> 00:05:02.760 I agree it's very valuable.
NOTE Confidence: 0.45482963

00:05:02.760 --> 00:05:03.502 There isn't.
NOTE Confidence: 0.45482963

00:05:03.502 --> 00:05:05.357 There is a performance elements
NOTE Confidence: 0.45482963

00:05:05.360 --> 00:05:06.760 that side teaching for sure,
NOTE Confidence: 0.45482963

00:05:06.760 --> 00:05:08.185 involving the patient,
NOTE Confidence: 0.45482963

00:05:08.185 --> 00:05:10.560 great 19th century sad emoji
NOTE Confidence: 0.9128935

00:05:13.680 --> 00:05:15.520 lost art. Yeah, you know,
NOTE Confidence: 0.9128935

00:05:15.520 --> 00:05:16.960 I agree with a lot of these points.
NOTE Confidence: 0.9128935

00:05:19.960 --> 00:05:21.624 Keep your senses peeled.
NOTE Confidence: 0.9128935

00:05:21.624 --> 00:05:22.960 Absolutely. Be curious.

NOTE Confidence: 0.9128935

00:05:25.120 --> 00:05:27.040 Awkward. It can certainly be awkward.

NOTE Confidence: 0.9128935

00:05:27.040 --> 00:05:29.104 I think with good with practice

NOTE Confidence: 0.9128935

00:05:29.104 --> 00:05:30.480 and good good practices,

NOTE Confidence: 0.9128935

00:05:30.480 --> 00:05:31.956 we can make it less awkward.

NOTE Confidence: 0.9128935

00:05:31.960 --> 00:05:35.280 Wish it was more common. I agree.

NOTE Confidence: 0.9128935

00:05:35.280 --> 00:05:37.520 Thank you for sharing that.

NOTE Confidence: 0.9128935

00:05:37.520 --> 00:05:39.200 Just so I know who I'm talking to.

NOTE Confidence: 0.9128935

00:05:39.200 --> 00:05:40.159 How long have you been in your

NOTE Confidence: 0.9128935

00:05:40.159 --> 00:05:41.359 role as a teaching faculty here?

NOTE Confidence: 0.9128935

00:05:41.360 --> 00:05:42.755 And it doesn't have to be here at Yale.

NOTE Confidence: 0.5510936

00:05:50.350 --> 00:05:51.785 It can be on any institution you're

NOTE Confidence: 0.5510936

00:05:51.785 --> 00:05:53.790 around. But where do we stand? We've

NOTE Confidence: 0.5510936

00:05:56.030 --> 00:05:58.462 got some junior teachers,

NOTE Confidence: 0.5510936

00:05:58.462 --> 00:06:00.390 some master teachers, some people

NOTE Confidence: 0.5510936

00:06:00.390 --> 00:06:02.390 who are perhaps younger masters.

NOTE Confidence: 0.5510936

00:06:05.270 --> 00:06:06.842 Interesting. We're missing the six to

NOTE Confidence: 0.5510936

00:06:06.842 --> 00:06:08.308 10 year demographic, but that's OK.

NOTE Confidence: 0.5510936

00:06:08.308 --> 00:06:09.890 So I think no matter how long

NOTE Confidence: 0.5510936

00:06:09.944 --> 00:06:11.228 you've been teaching for,

NOTE Confidence: 0.5510936

00:06:11.230 --> 00:06:12.670 you've probably done, oh,

NOTE Confidence: 0.5510936

00:06:12.670 --> 00:06:14.163 there we go. Good.

NOTE Confidence: 0.5510936

00:06:14.163 --> 00:06:16.228 You've done some bedside teaching.

NOTE Confidence: 0.5510936

00:06:16.230 --> 00:06:17.546 Some of you may make it central

NOTE Confidence: 0.5510936

00:06:17.546 --> 00:06:18.110 to your practice.

NOTE Confidence: 0.5510936

00:06:18.110 --> 00:06:20.764 Some of you may dabble and my

NOTE Confidence: 0.5510936

00:06:20.764 --> 00:06:22.458 hope is that you'll no matter what

NOTE Confidence: 0.5510936

00:06:22.458 --> 00:06:23.917 amount you do after this talk,

NOTE Confidence: 0.5510936

00:06:23.920 --> 00:06:26.008 you'll do a little more and you'll feel

NOTE Confidence: 0.5510936

00:06:26.008 --> 00:06:27.998 a little more comfortable doing it.

NOTE Confidence: 0.5510936

00:06:28.000 --> 00:06:30.226 So what percentage of teaching and

NOTE Confidence: 0.5510936

00:06:30.226 --> 00:06:31.770 learning is done in the presence

NOTE Confidence: 0.5510936
00:06:31.770 --> 00:06:33.480 of a patient in your practice?
NOTE Confidence: 0.5510936
00:06:33.480 --> 00:06:34.960 As a teacher and this,
NOTE Confidence: 0.5510936
00:06:34.960 --> 00:06:36.552 I want to know both in the ideal
NOTE Confidence: 0.5510936
00:06:36.552 --> 00:06:37.719 setting but also in reality,
NOTE Confidence: 0.5510936
00:06:37.720 --> 00:06:38.356 you know,
NOTE Confidence: 0.5510936
00:06:38.356 --> 00:06:39.946 with with the constraints of
NOTE Confidence: 0.5510936
00:06:39.946 --> 00:06:41.959 teaching at the bedside involved,
NOTE Confidence: 0.5510936
00:06:41.960 --> 00:06:42.760 where do you end up.
NOTE Confidence: 0.9436353
00:07:00.240 --> 00:07:01.633 This is fairly typical of what I
NOTE Confidence: 0.9436353
00:07:01.633 --> 00:07:03.437 see when I ask people this question.
NOTE Confidence: 0.9436353
00:07:03.440 --> 00:07:06.826 We all want to do more and I
NOTE Confidence: 0.9436353
00:07:06.826 --> 00:07:08.718 think that's very telling.
NOTE Confidence: 0.9436353
00:07:08.720 --> 00:07:09.590 Some of you would like to
NOTE Confidence: 0.9436353
00:07:09.590 --> 00:07:10.559 do it all of the time,
NOTE Confidence: 0.9436353
00:07:10.560 --> 00:07:12.160 some of you get to do it most of the time,
NOTE Confidence: 0.9436353

00:07:12.160 --> 00:07:14.760 which is pretty cool.
NOTE Confidence: 0.9436353

00:07:14.760 --> 00:07:16.920 Not all of us are in that position.
NOTE Confidence: 0.9436353

00:07:16.920 --> 00:07:19.026 And again, I want to move you more toward
NOTE Confidence: 0.9436353

00:07:19.026 --> 00:07:20.839 your ideal by the end of this talk.
NOTE Confidence: 0.9436353

00:07:22.920 --> 00:07:24.920 One last question for now.
NOTE Confidence: 0.9436353

00:07:24.920 --> 00:07:25.800 Where do you teach?
NOTE Confidence: 0.44078764

00:07:48.520 --> 00:07:51.400 Yeah, so this is already approaching.
NOTE Confidence: 0.44078764

00:07:51.400 --> 00:07:54.304 Again, what I typically see when I have
NOTE Confidence: 0.44078764

00:07:54.304 --> 00:07:56.079 these conversations with teachers is
NOTE Confidence: 0.44078764

00:07:56.080 --> 00:07:59.695 the majority of teaching goes on as
NOTE Confidence: 0.44078764

00:07:59.695 --> 00:08:01.480 far away from the patient as possible,
NOTE Confidence: 0.44078764

00:08:01.480 --> 00:08:04.040 right in a conference room at a table,
NOTE Confidence: 0.44078764

00:08:04.040 --> 00:08:05.496 probably with a white board or a
NOTE Confidence: 0.44078764

00:08:05.496 --> 00:08:06.832 computer involved. And that's OK.
NOTE Confidence: 0.44078764

00:08:06.832 --> 00:08:08.960 And I'm not saying that's bad teaching.
NOTE Confidence: 0.44078764

00:08:08.960 --> 00:08:11.040 I think that could be very good teaching,

NOTE Confidence: 0.44078764

00:08:11.040 --> 00:08:13.240 but of course that's not our focus today.

NOTE Confidence: 0.44078764

00:08:13.240 --> 00:08:15.608 I always am interested in how much teaching

NOTE Confidence: 0.44078764

00:08:15.608 --> 00:08:18.195 goes on in the hallway sort of in that

NOTE Confidence: 0.44078764

00:08:18.195 --> 00:08:20.660 in that liminal space between the the

NOTE Confidence: 0.44078764

00:08:20.660 --> 00:08:22.880 conference room and the patient's bedside.

NOTE Confidence: 0.44078764

00:08:22.880 --> 00:08:25.008 And then of course we end up doing

NOTE Confidence: 0.44078764

00:08:25.008 --> 00:08:27.123 probably the least amount at the bedside.

NOTE Confidence: 0.44078764

00:08:27.123 --> 00:08:29.090 And there are many reasons for that

NOTE Confidence: 0.44078764

00:08:29.152 --> 00:08:30.916 which we're going to talk about.

NOTE Confidence: 0.44078764

00:08:30.920 --> 00:08:32.295 So let's let's define what

NOTE Confidence: 0.44078764

00:08:32.295 --> 00:08:33.395 we're talking about today.

NOTE Confidence: 0.44078764

00:08:33.400 --> 00:08:36.588 So my definition of bedside

NOTE Confidence: 0.44078764

00:08:36.588 --> 00:08:38.373 teaching is clinical teaching in

NOTE Confidence: 0.44078764

00:08:38.373 --> 00:08:40.079 the presence of a patient.

NOTE Confidence: 0.44078764

00:08:40.080 --> 00:08:42.278 So that can be teaching the exam,

NOTE Confidence: 0.44078764

00:08:42.280 --> 00:08:45.888 that can be teaching history,
NOTE Confidence: 0.44078764

00:08:45.888 --> 00:08:47.664 taking skills,
NOTE Confidence: 0.44078764

00:08:47.664 --> 00:08:49.440 presentation skills,
NOTE Confidence: 0.44078764

00:08:49.440 --> 00:08:51.152 rounding with the patient in in in front
NOTE Confidence: 0.44078764

00:08:51.152 --> 00:08:52.959 of the team and doing some teaching.
NOTE Confidence: 0.44078764

00:08:52.960 --> 00:08:55.102 In that setting it can be a total one
NOTE Confidence: 0.44078764

00:08:55.102 --> 00:08:57.061 off teaching session where you grab
NOTE Confidence: 0.44078764

00:08:57.061 --> 00:08:59.391 some students who are pre clinical and
NOTE Confidence: 0.44078764

00:08:59.391 --> 00:09:01.519 take them to the bedside to teach.
NOTE Confidence: 0.44078764

00:09:01.520 --> 00:09:02.696 So there are many ways to teach
NOTE Confidence: 0.44078764

00:09:02.696 --> 00:09:03.200 at the bedside,
NOTE Confidence: 0.44078764

00:09:03.200 --> 00:09:05.720 but really it's that presence of the patient
NOTE Confidence: 0.44078764

00:09:05.720 --> 00:09:08.116 that defines what we're talking about today.
NOTE Confidence: 0.44078764

00:09:08.120 --> 00:09:10.418 So bedside teaching has been around
NOTE Confidence: 0.44078764

00:09:10.418 --> 00:09:12.839 since really the the 17th century
NOTE Confidence: 0.44078764

00:09:12.840 --> 00:09:15.280 and and at least at least that long,

NOTE Confidence: 0.44078764

00:09:15.280 --> 00:09:16.560 probably not much longer,

NOTE Confidence: 0.44078764

00:09:16.560 --> 00:09:16.880 right,

NOTE Confidence: 0.44078764

00:09:16.880 --> 00:09:18.714 Probably since in the history of medicine

NOTE Confidence: 0.44078764

00:09:18.714 --> 00:09:20.280 there's always been bedside teaching,

NOTE Confidence: 0.44078764

00:09:20.280 --> 00:09:22.114 but this is a quote from Sylvia.

NOTE Confidence: 0.44078764

00:09:22.120 --> 00:09:23.152 So my method,

NOTE Confidence: 0.44078764

00:09:23.152 --> 00:09:24.528 hitherto unknown here and

NOTE Confidence: 0.44078764

00:09:24.528 --> 00:09:25.560 possibly anywhere else,

NOTE Confidence: 0.44078764

00:09:25.560 --> 00:09:27.296 is to lead my students by the

NOTE Confidence: 0.44078764

00:09:27.296 --> 00:09:29.180 hand to the practice of medicine,

NOTE Confidence: 0.44078764

00:09:29.180 --> 00:09:31.250 taking them every day to see

NOTE Confidence: 0.44078764

00:09:31.315 --> 00:09:33.360 patients in the public hospital.

NOTE Confidence: 0.44078764

00:09:33.360 --> 00:09:35.264 But they may hear the patient's symptoms

NOTE Confidence: 0.44078764

00:09:35.264 --> 00:09:37.039 and see their physical findings.

NOTE Confidence: 0.44078764

00:09:37.040 --> 00:09:39.398 And then I question the students

NOTE Confidence: 0.44078764

00:09:39.400 --> 00:09:41.272 as to what they have noted in the
NOTE Confidence: 0.44078764

00:09:41.272 --> 00:09:42.934 patients and about their thoughts
NOTE Confidence: 0.44078764

00:09:42.934 --> 00:09:44.458 and perceptions regarding the
NOTE Confidence: 0.44078764

00:09:44.458 --> 00:09:46.319 illnesses and principles of treatment.
NOTE Confidence: 0.44078764

00:09:46.320 --> 00:09:48.035 I couldn't put bedside teaching any better,
NOTE Confidence: 0.44078764

00:09:48.040 --> 00:09:48.400 right?
NOTE Confidence: 0.44078764

00:09:48.400 --> 00:09:50.560 Taking the students to the practice
NOTE Confidence: 0.44078764

00:09:50.560 --> 00:09:51.280 of medicine,
NOTE Confidence: 0.44078764

00:09:51.280 --> 00:09:53.440 to the bedside where they can
NOTE Confidence: 0.44078764

00:09:53.440 --> 00:09:54.880 learn from the patients.
NOTE Confidence: 0.44078764

00:09:54.880 --> 00:09:56.448 And of course we'd be remiss if
NOTE Confidence: 0.44078764

00:09:56.448 --> 00:09:57.999 we didn't find a no slick quote.
NOTE Confidence: 0.44078764

00:09:58.000 --> 00:09:59.458 There should be no teaching without
NOTE Confidence: 0.44078764

00:09:59.458 --> 00:10:00.720 a patient for a text.
NOTE Confidence: 0.44078764

00:10:00.720 --> 00:10:02.226 And the best teaching is that
NOTE Confidence: 0.44078764

00:10:02.226 --> 00:10:03.680 taught by the patient himself.

NOTE Confidence: 0.44078764

00:10:03.680 --> 00:10:05.120 So I find these quotes inspiring.

NOTE Confidence: 0.44078764

00:10:05.120 --> 00:10:08.095 They remind me how important

NOTE Confidence: 0.44078764

00:10:08.095 --> 00:10:09.880 bedside teaching is.

NOTE Confidence: 0.44078764

00:10:09.880 --> 00:10:12.320 I hope they do the same for you.

NOTE Confidence: 0.44078764

00:10:12.320 --> 00:10:13.994 Bedside teaching is not what it used to be.

NOTE Confidence: 0.44078764

00:10:14.000 --> 00:10:16.674 So if you look at the literature,

NOTE Confidence: 0.44078764

00:10:16.680 --> 00:10:20.280 back in the 60s we were teaching at least

NOTE Confidence: 0.44078764

00:10:20.280 --> 00:10:23.480 reportedly 75% of the time at the bedside,

NOTE Confidence: 0.44078764

00:10:23.480 --> 00:10:25.640 and now we're teaching perhaps less

NOTE Confidence: 0.44078764

00:10:25.640 --> 00:10:27.200 than 20% of the time at the bedside.

NOTE Confidence: 0.44078764

00:10:27.200 --> 00:10:29.526 And that kind of resonates with the

NOTE Confidence: 0.44078764

00:10:29.526 --> 00:10:31.380 data that you all gave me a moment ago

NOTE Confidence: 0.8062492

00:10:31.433 --> 00:10:32.873 as to where you spend most

NOTE Confidence: 0.8062492

00:10:32.873 --> 00:10:33.833 of your time teaching.

NOTE Confidence: 0.8062492

00:10:33.840 --> 00:10:36.608 So why is that? Well, let's,

NOTE Confidence: 0.8062492

00:10:36.608 --> 00:10:38.036 let's look at some more data first.

NOTE Confidence: 0.8062492

00:10:38.040 --> 00:10:41.240 So this is a busy table.

NOTE Confidence: 0.8062492

00:10:41.240 --> 00:10:42.368 I'm going to show you what's

NOTE Confidence: 0.8062492

00:10:42.368 --> 00:10:43.120 important in a second.

NOTE Confidence: 0.8062492

00:10:43.120 --> 00:10:45.520 But basically what this study did was it,

NOTE Confidence: 0.8062492

00:10:45.520 --> 00:10:47.570 it surveyed medical students and

NOTE Confidence: 0.8062492

00:10:47.570 --> 00:10:49.210 internal medicine residents and

NOTE Confidence: 0.8062492

00:10:49.210 --> 00:10:51.361 it asked them how much of your

NOTE Confidence: 0.8062492

00:10:51.361 --> 00:10:53.220 time is spent at the bedside

NOTE Confidence: 0.8062492

00:10:53.220 --> 00:10:54.920 during rounds with the attending?

NOTE Confidence: 0.8062492

00:10:54.920 --> 00:10:55.984 And then how many,

NOTE Confidence: 0.8062492

00:10:55.984 --> 00:10:57.314 what percentage of cases are

NOTE Confidence: 0.8062492

00:10:57.314 --> 00:10:59.000 you presenting at the bedside,

NOTE Confidence: 0.8062492

00:10:59.000 --> 00:11:00.520 So actually presenting the history,

NOTE Confidence: 0.8062492

00:11:00.520 --> 00:11:01.855 the differential diagnosis,

NOTE Confidence: 0.8062492

00:11:01.855 --> 00:11:04.525 the thought process and the clinical

NOTE Confidence: 0.8062492

00:11:04.525 --> 00:11:06.480 reasoning in front of the patient.

NOTE Confidence: 0.8062492

00:11:06.480 --> 00:11:07.290 And the,

NOTE Confidence: 0.8062492

00:11:07.290 --> 00:11:10.424 the real standout point here is first of all,

NOTE Confidence: 0.8062492

00:11:10.424 --> 00:11:12.720 if you look at the top numbers,

NOTE Confidence: 0.8062492

00:11:12.720 --> 00:11:15.023 somewhere between 1/4 and 1/3 of time

NOTE Confidence: 0.8062492

00:11:15.023 --> 00:11:17.557 is spent at the bedside on rounds.

NOTE Confidence: 0.8062492

00:11:17.560 --> 00:11:19.594 It's kind of crazy when you think about it.

NOTE Confidence: 0.8062492

00:11:19.600 --> 00:11:23.236 But in terms of case presentations,

NOTE Confidence: 0.8062492

00:11:23.240 --> 00:11:26.791 the vast majority are presenting 25%

NOTE Confidence: 0.8062492

00:11:26.791 --> 00:11:28.959 or less of their cases at the bedside,

NOTE Confidence: 0.8062492

00:11:28.960 --> 00:11:31.438 meaning most cases are being presented,

NOTE Confidence: 0.8062492

00:11:31.440 --> 00:11:31.906 thought through,

NOTE Confidence: 0.8062492

00:11:31.906 --> 00:11:33.071 discussed in a conference room

NOTE Confidence: 0.8062492

00:11:33.071 --> 00:11:34.160 or in a hallway.

NOTE Confidence: 0.60893315

00:11:53.410 --> 00:11:54.850 So why, why do you think that is

NOTE Confidence: 0.60893315

00:11:57.090 --> 00:11:59.490 much data the time it takes?
NOTE Confidence: 0.60893315

00:11:59.490 --> 00:12:01.850 We'll talk about time in a little bit.
NOTE Confidence: 0.60893315

00:12:01.850 --> 00:12:03.402 Yeah. COVID has absolutely
NOTE Confidence: 0.60893315

00:12:03.402 --> 00:12:05.730 changed how we round and teach
NOTE Confidence: 0.60893315

00:12:05.730 --> 00:12:07.130 the reliance on the EMRI.
NOTE Confidence: 0.60893315

00:12:07.130 --> 00:12:09.130 Agree confidentiality is an issue,
NOTE Confidence: 0.60893315

00:12:09.130 --> 00:12:11.330 especially in crowded rooms, right,
NOTE Confidence: 0.60893315

00:12:11.330 --> 00:12:13.650 with two or more patients in a room,
NOTE Confidence: 0.60893315

00:12:13.650 --> 00:12:14.650 busy schedules.
NOTE Confidence: 0.60893315

00:12:16.970 --> 00:12:18.290 Let's see. There's a lot of answers here.
NOTE Confidence: 0.60893315

00:12:18.290 --> 00:12:20.114 Time. Afraid of patients and needing
NOTE Confidence: 0.60893315

00:12:20.114 --> 00:12:21.760 the computer to enter orders.
NOTE Confidence: 0.60893315

00:12:21.760 --> 00:12:23.440 That comes up a lot.
NOTE Confidence: 0.60893315

00:12:23.440 --> 00:12:24.714 I think this is an important one.
NOTE Confidence: 0.60893315

00:12:24.720 --> 00:12:26.005 Afraid. Afraid of saying something
NOTE Confidence: 0.60893315

00:12:26.005 --> 00:12:27.033 that upsets the patient,

NOTE Confidence: 0.60893315

00:12:27.040 --> 00:12:31.252 and it may be related to also needing

NOTE Confidence: 0.60893315

00:12:31.252 --> 00:12:35.100 to make joint decisions and it may be

NOTE Confidence: 0.60893315

00:12:35.100 --> 00:12:36.990 information overload for the patient if

NOTE Confidence: 0.60893315

00:12:37.057 --> 00:12:39.437 you present everything in front of them.

NOTE Confidence: 0.60893315

00:12:39.440 --> 00:12:40.720 Resistance for patients and families,

NOTE Confidence: 0.60893315

00:12:40.720 --> 00:12:41.952 shared rooms, patient privacy.

NOTE Confidence: 0.60893315

00:12:41.952 --> 00:12:44.999 We have a lot more info on the patients now,

NOTE Confidence: 0.60893315

00:12:45.000 --> 00:12:45.337 Absolutely.

NOTE Confidence: 0.60893315

00:12:45.337 --> 00:12:48.370 So we we know more than we ever did

NOTE Confidence: 0.60893315

00:12:48.449 --> 00:12:50.889 before in terms of data to process and

NOTE Confidence: 0.60893315

00:12:50.889 --> 00:12:52.480 visiting visiting hours have changed.

NOTE Confidence: 0.60893315

00:12:52.480 --> 00:12:54.448 So presenting with family there versus

NOTE Confidence: 0.60893315

00:12:54.448 --> 00:12:56.220 without is always, always an issue.

NOTE Confidence: 0.60893315

00:12:56.220 --> 00:12:56.480 Great.

NOTE Confidence: 0.5814345

00:12:58.640 --> 00:13:00.570 So you all covered what

NOTE Confidence: 0.5814345

00:13:00.570 --> 00:13:02.114 the literature tells us.
NOTE Confidence: 0.5814345

00:13:02.120 --> 00:13:03.832 Our workload has increased,
NOTE Confidence: 0.5814345

00:13:03.832 --> 00:13:06.720 patients are off the floor more we
NOTE Confidence: 0.5814345

00:13:06.720 --> 00:13:08.640 we do worry about burdening patients.
NOTE Confidence: 0.5814345

00:13:08.640 --> 00:13:10.134 This is a legitimate fear that's
NOTE Confidence: 0.5814345

00:13:10.134 --> 00:13:12.358 cited in a lot of bedside literature,
NOTE Confidence: 0.5814345

00:13:12.360 --> 00:13:13.584 Bedside teaching literature.
NOTE Confidence: 0.5814345

00:13:13.584 --> 00:13:16.032 The conference room is more comfortable.
NOTE Confidence: 0.5814345

00:13:16.040 --> 00:13:16.880 I didn't see that come up,
NOTE Confidence: 0.5814345

00:13:16.880 --> 00:13:19.325 but I hear that often it's much
NOTE Confidence: 0.5814345

00:13:19.325 --> 00:13:21.275 nicer to sit around a table
NOTE Confidence: 0.5814345

00:13:21.275 --> 00:13:23.239 than to stand around a bed.
NOTE Confidence: 0.5814345

00:13:23.240 --> 00:13:25.560 And we do use the computer a ton.
NOTE Confidence: 0.5814345

00:13:25.560 --> 00:13:27.400 And even I think mobile,
NOTE Confidence: 0.5814345

00:13:27.400 --> 00:13:29.928 mobile based Epic or things like it have
NOTE Confidence: 0.5814345

00:13:29.928 --> 00:13:32.237 not pulled us away from the computer.

NOTE Confidence: 0.5814345

00:13:32.240 --> 00:13:34.277 Perhaps as much as we would like.

NOTE Confidence: 0.5814345

00:13:34.280 --> 00:13:36.320 Imaging needs big screens to review.

NOTE Confidence: 0.5814345

00:13:36.320 --> 00:13:36.768 You know,

NOTE Confidence: 0.5814345

00:13:36.768 --> 00:13:38.560 there's lots of data that needs big screens,

NOTE Confidence: 0.43206564

00:13:49.940 --> 00:13:51.156 but why should we?

NOTE Confidence: 0.43206564

00:13:51.156 --> 00:13:52.980 Then we've talked about why not.

NOTE Confidence: 0.43206564

00:13:52.980 --> 00:13:54.695 Why do you think it's so important?

NOTE Confidence: 0.43206564

00:13:54.700 --> 00:13:57.313 You all came here for a reason to

NOTE Confidence: 0.43206564

00:13:57.313 --> 00:13:59.179 discuss and think about this topic.

NOTE Confidence: 0.43206564

00:14:01.300 --> 00:14:03.180 The exam matters. You know, as a

NOTE Confidence: 0.43206564

00:14:03.180 --> 00:14:04.180 neurologist, I couldn't agree more.

NOTE Confidence: 0.43206564

00:14:07.820 --> 00:14:08.996 Helps us patients know we were

NOTE Confidence: 0.43206564

00:14:08.996 --> 00:14:09.780 thinking hard about them.

NOTE Confidence: 0.43206564

00:14:09.780 --> 00:14:11.120 Yeah. And there there actually

NOTE Confidence: 0.43206564

00:14:11.120 --> 00:14:12.460 is data to support that.

NOTE Confidence: 0.43206564

00:14:12.460 --> 00:14:15.160 It engages the patients.
NOTE Confidence: 0.43206564

00:14:15.160 --> 00:14:17.160 The patients are at the core of what we do.
NOTE Confidence: 0.43206564

00:14:17.160 --> 00:14:18.800 It's our our primary value.
NOTE Confidence: 0.43206564

00:14:18.800 --> 00:14:21.853 So we should express that improves
NOTE Confidence: 0.43206564

00:14:21.853 --> 00:14:23.518 patient and medical team relationships.
NOTE Confidence: 0.43206564

00:14:23.520 --> 00:14:24.040 Absolutely.
NOTE Confidence: 0.43206564

00:14:24.040 --> 00:14:27.680 Patients can correct what we've got wrong.
NOTE Confidence: 0.43206564

00:14:27.680 --> 00:14:28.152 Very important.
NOTE Confidence: 0.43206564

00:14:28.152 --> 00:14:30.648 You know we a lot of times we present off
NOTE Confidence: 0.43206564

00:14:30.648 --> 00:14:32.832 a note that was written the night before
NOTE Confidence: 0.43206564

00:14:32.840 --> 00:14:35.437 by a different person who's not there.
NOTE Confidence: 0.43206564

00:14:35.440 --> 00:14:37.684 Data can get lost in the game
NOTE Confidence: 0.43206564

00:14:37.684 --> 00:14:38.594 of telephone that we play.
NOTE Confidence: 0.43206564

00:14:38.600 --> 00:14:40.120 There's a human connection aspect.
NOTE Confidence: 0.43206564

00:14:40.120 --> 00:14:40.542 Absolutely.
NOTE Confidence: 0.43206564

00:14:40.542 --> 00:14:43.074 Patients can feel involved and informed.

NOTE Confidence: 0.40745986

00:14:45.240 --> 00:14:46.560 I couldn't agree with any of these more,

NOTE Confidence: 0.40745986

00:14:51.200 --> 00:14:53.378 right? So again,

NOTE Confidence: 0.40745986

00:14:53.378 --> 00:14:56.440 you all are are hitting right on the nose.

NOTE Confidence: 0.40745986

00:14:56.440 --> 00:14:59.266 So if you look at the literature to

NOTE Confidence: 0.40745986

00:14:59.266 --> 00:15:02.034 support why we should teach at the bedside,

NOTE Confidence: 0.40745986

00:15:02.040 --> 00:15:03.920 hands on learning is irreplaceable.

NOTE Confidence: 0.40745986

00:15:03.920 --> 00:15:08.120 You know, especially when we teach the exam,

NOTE Confidence: 0.40745986

00:15:08.120 --> 00:15:10.874 you can only do so much on SIM models,

NOTE Confidence: 0.40745986

00:15:10.880 --> 00:15:14.359 on each other, on even standardized patients.

NOTE Confidence: 0.40745986

00:15:14.360 --> 00:15:18.800 Really seeing pathology upfront is crucial.

NOTE Confidence: 0.40745986

00:15:18.800 --> 00:15:19.776 Patients appreciate it and

NOTE Confidence: 0.40745986

00:15:19.776 --> 00:15:20.996 there's data to support this.

NOTE Confidence: 0.40745986

00:15:21.000 --> 00:15:22.950 So if you this is an even busier table and

NOTE Confidence: 0.40745986

00:15:23.000 --> 00:15:25.000 I'll show you what's important in a second.

NOTE Confidence: 0.40745986

00:15:25.000 --> 00:15:27.064 But the this study was done

NOTE Confidence: 0.40745986

00:15:27.064 --> 00:15:29.614 in 97 and they asked patients
NOTE Confidence: 0.40745986

00:15:29.614 --> 00:15:31.120 about presenting at the bedside,
NOTE Confidence: 0.40745986

00:15:31.120 --> 00:15:32.560 How do you feel about it?
NOTE Confidence: 0.40745986

00:15:32.560 --> 00:15:35.956 What is, what aspects of it
NOTE Confidence: 0.40745986

00:15:35.960 --> 00:15:37.080 come across well to you?
NOTE Confidence: 0.40745986

00:15:37.080 --> 00:15:39.030 And they asked them about
NOTE Confidence: 0.40745986

00:15:39.030 --> 00:15:40.200 explanation of problems,
NOTE Confidence: 0.40745986

00:15:40.200 --> 00:15:42.760 explanation of tests and medications,
NOTE Confidence: 0.40745986

00:15:42.760 --> 00:15:44.572 whether or not the team treated
NOTE Confidence: 0.40745986

00:15:44.572 --> 00:15:46.441 them with respect and introduced
NOTE Confidence: 0.40745986

00:15:46.441 --> 00:15:48.220 themselves and what was their overall
NOTE Confidence: 0.40745986

00:15:48.220 --> 00:15:49.400 experience of rounds were round,
NOTE Confidence: 0.40745986

00:15:49.400 --> 00:15:52.208 satisfying, Were rounds worrisome?
NOTE Confidence: 0.40745986

00:15:52.208 --> 00:15:54.314 Was care ideal?
NOTE Confidence: 0.40745986

00:15:54.320 --> 00:15:57.304 And if you look at the adjusted odds ratios,
NOTE Confidence: 0.40745986

00:15:57.304 --> 00:15:58.648 unfortunately none of

NOTE Confidence: 0.40745986

00:15:58.648 --> 00:15:59.992 these reached significance.

NOTE Confidence: 0.40745986

00:16:00.000 --> 00:16:02.262 But there was the clear trend

NOTE Confidence: 0.40745986

00:16:02.262 --> 00:16:05.108 toward the odds of patients

NOTE Confidence: 0.40745986

00:16:05.108 --> 00:16:06.959 getting better explanations,

NOTE Confidence: 0.40745986

00:16:06.960 --> 00:16:09.240 having a better interpersonal experience,

NOTE Confidence: 0.40745986

00:16:09.240 --> 00:16:11.893 and overall enjoying the rounds more if

NOTE Confidence: 0.40745986

00:16:11.893 --> 00:16:14.998 their case was presented in front of them.

NOTE Confidence: 0.40745986

00:16:15.000 --> 00:16:17.359 So this is not even necessarily teaching,

NOTE Confidence: 0.40745986

00:16:17.360 --> 00:16:19.376 but I think it is because we teach

NOTE Confidence: 0.40745986

00:16:19.376 --> 00:16:21.440 when we learn from presentations.

NOTE Confidence: 0.40745986

00:16:21.440 --> 00:16:23.534 But discussing patient care in front

NOTE Confidence: 0.40745986

00:16:23.534 --> 00:16:25.839 of the patient is a good thing.

NOTE Confidence: 0.40745986

00:16:25.840 --> 00:16:28.800 That's what I get out of this study.

NOTE Confidence: 0.40745986

00:16:28.800 --> 00:16:31.320 This was another table from the same

NOTE Confidence: 0.40745986

00:16:31.320 --> 00:16:33.656 study where they asked patients

NOTE Confidence: 0.40745986

00:16:33.656 --> 00:16:36.126 about their perceptions of bedside
NOTE Confidence: 0.40745986

00:16:36.126 --> 00:16:38.118 presentation and bedside teaching,
NOTE Confidence: 0.40745986

00:16:38.120 --> 00:16:40.285 and the majority percentage said
NOTE Confidence: 0.40745986

00:16:40.285 --> 00:16:42.920 it was not upsetting to them.
NOTE Confidence: 0.40745986

00:16:42.920 --> 00:16:45.200 The the majority said they should
NOTE Confidence: 0.40745986

00:16:45.200 --> 00:16:47.320 continue teaching at the bedside.
NOTE Confidence: 0.40745986

00:16:47.320 --> 00:16:49.648 A minor majority said it helped
NOTE Confidence: 0.40745986

00:16:49.648 --> 00:16:51.534 them understand their illness and
NOTE Confidence: 0.40745986

00:16:51.534 --> 00:16:53.872 they gave us some points of caution
NOTE Confidence: 0.40745986

00:16:53.872 --> 00:16:55.867 about using too much terminology
NOTE Confidence: 0.40745986

00:16:55.867 --> 00:16:57.957 and about focusing on trainees
NOTE Confidence: 0.40745986

00:16:57.960 --> 00:16:59.960 as opposed to the patient.
NOTE Confidence: 0.40745986

00:16:59.960 --> 00:17:01.479 So they gave some suggestions as well,
NOTE Confidence: 0.40745986

00:17:01.480 --> 00:17:03.520 which had various levels of support.
NOTE Confidence: 0.40745986

00:17:03.520 --> 00:17:05.722 But things like patients should be
NOTE Confidence: 0.40745986

00:17:05.722 --> 00:17:08.160 encouraged to say more during rounds.

NOTE Confidence: 0.40745986

00:17:08.160 --> 00:17:09.600 Everyone should introduce themselves.

NOTE Confidence: 0.40745986

00:17:09.600 --> 00:17:11.760 I think that's the best practice.

NOTE Confidence: 0.40745986

00:17:11.760 --> 00:17:12.205 Fewer,

NOTE Confidence: 0.40745986

00:17:12.205 --> 00:17:14.875 fewer physicians perhaps should be present,

NOTE Confidence: 0.40745986

00:17:14.880 --> 00:17:17.544 although not very many said that and there

NOTE Confidence: 0.40745986

00:17:17.544 --> 00:17:18.920 were a few other sort of minor points.

NOTE Confidence: 0.40745986

00:17:18.920 --> 00:17:19.640 But again,

NOTE Confidence: 0.40745986

00:17:19.640 --> 00:17:22.110 I think this reinforces the point that

NOTE Confidence: 0.40745986

00:17:22.110 --> 00:17:23.970 patients don't get upset when you

NOTE Confidence: 0.40745986

00:17:23.970 --> 00:17:26.105 talk about them in front of them and

NOTE Confidence: 0.40745986

00:17:26.105 --> 00:17:27.680 in many cases they can appreciate it.

NOTE Confidence: 0.72356915

00:17:30.080 --> 00:17:31.088 Learners definitely

NOTE Confidence: 0.72356915

00:17:31.088 --> 00:17:32.600 appreciate bedside teaching.

NOTE Confidence: 0.72356915

00:17:32.600 --> 00:17:37.104 So this study looked at just asks

NOTE Confidence: 0.72356915

00:17:37.104 --> 00:17:39.464 learners a different study from

NOTE Confidence: 0.72356915

00:17:39.464 --> 00:17:41.824 the same year what did you think
NOTE Confidence: 0.72356915

00:17:41.824 --> 00:17:43.240 about being taught at the bedside
NOTE Confidence: 0.72356915

00:17:43.240 --> 00:17:44.878 And they felt that it increased
NOTE Confidence: 0.72356915

00:17:44.878 --> 00:17:46.400 their understanding of the problem.
NOTE Confidence: 0.72356915

00:17:46.400 --> 00:17:47.891 They enjoyed it.
NOTE Confidence: 0.72356915

00:17:47.891 --> 00:17:50.376 It didn't necessarily make them
NOTE Confidence: 0.72356915

00:17:50.376 --> 00:17:52.640 anxious if it was done well.
NOTE Confidence: 0.72356915

00:17:52.640 --> 00:17:55.640 The minority only the minority of
NOTE Confidence: 0.72356915

00:17:55.640 --> 00:17:57.640 cases discussions were inappropriate.
NOTE Confidence: 0.72356915

00:17:57.640 --> 00:17:59.170 There could have been maybe
NOTE Confidence: 0.72356915

00:17:59.170 --> 00:18:00.955 better pre briefing and we'll talk
NOTE Confidence: 0.72356915

00:18:00.955 --> 00:18:03.240 about how to do that effectively,
NOTE Confidence: 0.72356915

00:18:03.240 --> 00:18:05.977 but most of them thought it didn't
NOTE Confidence: 0.72356915

00:18:05.977 --> 00:18:07.618 reach confidentiality and they we
NOTE Confidence: 0.72356915

00:18:07.618 --> 00:18:08.960 didn't get into getting it into,
NOTE Confidence: 0.72356915

00:18:08.960 --> 00:18:09.904 you know, room setups.

NOTE Confidence: 0.72356915

00:18:09.904 --> 00:18:12.400 How many of these were in private rooms

NOTE Confidence: 0.72356915

00:18:12.400 --> 00:18:14.759 and would you recommend it to others?

NOTE Confidence: 0.72356915

00:18:14.760 --> 00:18:16.020 The majority said yes,

NOTE Confidence: 0.72356915

00:18:16.020 --> 00:18:17.280 so learners love it,

NOTE Confidence: 0.72356915

00:18:17.280 --> 00:18:19.919 but why not do more of it?

NOTE Confidence: 0.72356915

00:18:19.920 --> 00:18:21.195 It's also consistent with what

NOTE Confidence: 0.72356915

00:18:21.195 --> 00:18:22.800 we know about how adults learn.

NOTE Confidence: 0.72356915

00:18:22.800 --> 00:18:24.918 And I know there's not one

NOTE Confidence: 0.72356915

00:18:24.920 --> 00:18:25.960 definite adult learning theory,

NOTE Confidence: 0.72356915

00:18:25.960 --> 00:18:28.063 but there are a few out there that

NOTE Confidence: 0.72356915

00:18:28.063 --> 00:18:29.862 agree well with bedside teaching.

NOTE Confidence: 0.72356915

00:18:29.862 --> 00:18:33.200 So this is from a lot of literatures

NOTE Confidence: 0.72356915

00:18:33.200 --> 00:18:35.092 from 1997 on bedside teaching,

NOTE Confidence: 0.72356915

00:18:35.092 --> 00:18:37.840 it must have been a themed issue,

NOTE Confidence: 0.72356915

00:18:37.840 --> 00:18:39.732 this journal.

NOTE Confidence: 0.72356915

00:18:39.732 --> 00:18:41.835 But there are a few principles
NOTE Confidence: 0.72356915

00:18:41.835 --> 00:18:43.230 of adult learning that I think
NOTE Confidence: 0.72356915

00:18:43.230 --> 00:18:44.588 we need to accept in order to
NOTE Confidence: 0.72356915

00:18:44.588 --> 00:18:45.800 be good bedside teachers.
NOTE Confidence: 0.72356915

00:18:45.800 --> 00:18:48.075 So the first is that knowledge is
NOTE Confidence: 0.72356915

00:18:48.075 --> 00:18:49.544 continuously revised by applying
NOTE Confidence: 0.72356915

00:18:49.544 --> 00:18:51.675 experience to prior knowledge and
NOTE Confidence: 0.72356915

00:18:51.675 --> 00:18:53.650 it's really getting that experience
NOTE Confidence: 0.72356915

00:18:53.650 --> 00:18:56.439 that we're doing as bedside teachers.
NOTE Confidence: 0.72356915

00:18:56.440 --> 00:18:57.800 Expert clinical reasoning is based
NOTE Confidence: 0.72356915

00:18:57.800 --> 00:18:59.160 on a repertoire of experience.
NOTE Confidence: 0.72356915

00:18:59.160 --> 00:18:59.768 And again,
NOTE Confidence: 0.72356915

00:18:59.768 --> 00:19:01.288 we're building that by teaching
NOTE Confidence: 0.72356915

00:19:01.288 --> 00:19:02.200 at the bedside.
NOTE Confidence: 0.72356915

00:19:02.200 --> 00:19:03.920 Adult learners must have ownership
NOTE Confidence: 0.72356915

00:19:03.920 --> 00:19:05.888 in the learning activity and I

NOTE Confidence: 0.72356915

00:19:05.888 --> 00:19:07.814 think putting them on the spot at

NOTE Confidence: 0.72356915

00:19:07.814 --> 00:19:09.600 the bedside really does that well.

NOTE Confidence: 0.72356915

00:19:09.600 --> 00:19:11.035 And adult learning is a social activity.

NOTE Confidence: 0.72356915

00:19:11.040 --> 00:19:12.839 It's best done in groups and bedside

NOTE Confidence: 0.72356915

00:19:12.839 --> 00:19:14.880 teaching is done in a small group setting.

NOTE Confidence: 0.72356915

00:19:14.880 --> 00:19:17.190 So these are principles to accept

NOTE Confidence: 0.72356915

00:19:17.190 --> 00:19:18.880 and I'd be curious maybe if

NOTE Confidence: 0.72356915

00:19:18.880 --> 00:19:20.640 we have time at the end if you

NOTE Confidence: 0.72356915

00:19:20.640 --> 00:19:24.160 disagreed with any of these.

NOTE Confidence: 0.72356915

00:19:24.160 --> 00:19:26.078 There's also the theory of situated learning,

NOTE Confidence: 0.72356915

00:19:26.080 --> 00:19:29.760 and this is one of my favourites as far as

NOTE Confidence: 0.72356915

00:19:29.760 --> 00:19:32.478 potentially valid theories of adult learning.

NOTE Confidence: 0.72356915

00:19:32.480 --> 00:19:33.956 But the idea of situated learning,

NOTE Confidence: 0.72356915

00:19:33.960 --> 00:19:34.956 for those who don't know it,

NOTE Confidence: 0.72356915

00:19:34.960 --> 00:19:37.739 is that learners start at the periphery

NOTE Confidence: 0.72356915

00:19:37.739 --> 00:19:41.078 of the the context of their learning.
NOTE Confidence: 0.72356915

00:19:41.080 --> 00:19:42.788 And so in medicine they started the
NOTE Confidence: 0.72356915

00:19:42.788 --> 00:19:44.559 periphery of the practice of medicine,
NOTE Confidence: 0.72356915

00:19:44.560 --> 00:19:46.290 and as they interact with
NOTE Confidence: 0.72356915

00:19:46.290 --> 00:19:48.272 experts who support them,
NOTE Confidence: 0.72356915

00:19:48.272 --> 00:19:52.078 they move toward the center of their context.
NOTE Confidence: 0.72356915

00:19:52.080 --> 00:19:53.049 Until they don't,
NOTE Confidence: 0.72356915

00:19:53.049 --> 00:19:54.664 they themselves become experts and
NOTE Confidence: 0.72356915

00:19:54.664 --> 00:19:56.957 begin to support other novice learners.
NOTE Confidence: 0.72356915

00:19:56.960 --> 00:19:59.438 And so this is done through activities,
NOTE Confidence: 0.72356915

00:19:59.440 --> 00:20:00.104 through artifacts,
NOTE Confidence: 0.72356915

00:20:00.104 --> 00:20:00.768 through identities,
NOTE Confidence: 0.72356915

00:20:00.768 --> 00:20:03.264 and through relationships and I think the
NOTE Confidence: 0.72356915

00:20:03.264 --> 00:20:05.280 activities and relationships aspects.
NOTE Confidence: 0.72356915

00:20:05.280 --> 00:20:07.320 Of situated learning are really,
NOTE Confidence: 0.72356915

00:20:07.320 --> 00:20:09.580 really where bedside teaching

NOTE Confidence: 0.72356915

00:20:09.580 --> 00:20:11.275 is extremely powerful.

NOTE Confidence: 0.72356915

00:20:11.280 --> 00:20:12.920 We're building relationships with patients,

NOTE Confidence: 0.72356915

00:20:12.920 --> 00:20:14.615 we're building relationships with each

NOTE Confidence: 0.72356915

00:20:14.615 --> 00:20:16.635 other and we're doing activities that

NOTE Confidence: 0.72356915

00:20:16.635 --> 00:20:18.518 are central to the practice of medicine,

NOTE Confidence: 0.72356915

00:20:18.520 --> 00:20:19.648 examining patients,

NOTE Confidence: 0.72356915

00:20:19.648 --> 00:20:21.904 clinical reasoning and educating

NOTE Confidence: 0.72356915

00:20:21.904 --> 00:20:23.596 the patients themselves.

NOTE Confidence: 0.38872054

00:20:27.480 --> 00:20:29.480 So let's talk about efficiency for a minute.

NOTE Confidence: 0.38872054

00:20:29.480 --> 00:20:31.896 Because the time came up, we've talked

NOTE Confidence: 0.38872054

00:20:31.896 --> 00:20:33.912 about reasons why bedside teaching is tough

NOTE Confidence: 0.7318276

00:20:38.460 --> 00:20:40.139 and why did it do it. And one of

NOTE Confidence: 0.7318276

00:20:40.139 --> 00:20:41.897 the reasons you mentioned was time.

NOTE Confidence: 0.7318276

00:20:41.900 --> 00:20:43.514 Where is the most efficient place

NOTE Confidence: 0.7318276

00:20:43.514 --> 00:20:44.940 in your experience to teach?

NOTE Confidence: 0.7318276

00:20:51.500 --> 00:20:53.060 And I'm talking about educational

NOTE Confidence: 0.7318276

00:20:53.060 --> 00:20:54.620 bang for your buck here.

NOTE Confidence: 0.7318276

00:20:56.700 --> 00:21:00.138 OK, So we got a fair mix.

NOTE Confidence: 0.7318276

00:21:04.060 --> 00:21:07.760 Yeah. And this is consistent with

NOTE Confidence: 0.7318276

00:21:07.760 --> 00:21:09.815 my discussions with teachers and

NOTE Confidence: 0.7318276

00:21:09.815 --> 00:21:11.240 my experience helping people learn

NOTE Confidence: 0.7318276

00:21:11.240 --> 00:21:12.440 how to teach at the bedside.

NOTE Confidence: 0.6207399

00:21:14.600 --> 00:21:16.064 I I find understanding that we

NOTE Confidence: 0.6207399

00:21:16.064 --> 00:21:17.040 ranked hallway the highest.

NOTE Confidence: 0.6207399

00:21:17.040 --> 00:21:18.288 I think there's something to be

NOTE Confidence: 0.6207399

00:21:18.288 --> 00:21:19.606 said for that when you're out

NOTE Confidence: 0.6207399

00:21:19.606 --> 00:21:20.920 of the presence of the patient,

NOTE Confidence: 0.6207399

00:21:20.920 --> 00:21:23.958 but still in that patient care context,

NOTE Confidence: 0.6207399

00:21:23.960 --> 00:21:25.238 perhaps you get a lot of,

NOTE Confidence: 0.6207399

00:21:25.240 --> 00:21:27.074 a lot of bang for your buck.

NOTE Confidence: 0.6207399

00:21:27.080 --> 00:21:29.080 But I'm going to argue from the next

NOTE Confidence: 0.6207399

00:21:29.080 --> 00:21:30.818 moment here that bedside teaching

NOTE Confidence: 0.6207399

00:21:30.818 --> 00:21:32.394 is not necessarily inefficient.

NOTE Confidence: 0.6207399

00:21:32.400 --> 00:21:33.380 And when done well,

NOTE Confidence: 0.6207399

00:21:33.380 --> 00:21:35.215 it can even be more efficient than

NOTE Confidence: 0.6207399

00:21:35.215 --> 00:21:36.760 teaching in the conference room.

NOTE Confidence: 0.6207399

00:21:36.760 --> 00:21:37.600 So this was a

NOTE Confidence: 0.9635599

00:21:39.640 --> 00:21:41.420 study of effective teachers and

NOTE Confidence: 0.9635599

00:21:41.420 --> 00:21:44.200 they did a time in motion study.

NOTE Confidence: 0.9635599

00:21:44.200 --> 00:21:46.210 And so they looked at the

NOTE Confidence: 0.9635599

00:21:46.210 --> 00:21:47.440 most effective teachers,

NOTE Confidence: 0.9635599

00:21:47.440 --> 00:21:49.080 the medium effective teachers,

NOTE Confidence: 0.9635599

00:21:49.080 --> 00:21:50.240 and the least effective teachers.

NOTE Confidence: 0.9635599

00:21:50.240 --> 00:21:52.333 And they they looked at how they

NOTE Confidence: 0.9635599

00:21:52.333 --> 00:21:54.711 spent their time on rounds and how

NOTE Confidence: 0.9635599

00:21:54.711 --> 00:21:56.476 many teaching activities they did.

NOTE Confidence: 0.9635599

00:21:56.480 --> 00:21:57.820 So it won't surprise you
NOTE Confidence: 0.9635599

00:21:57.820 --> 00:21:59.160 to see that for instance,
NOTE Confidence: 0.9635599

00:21:59.160 --> 00:22:01.104 the most effective teachers did the
NOTE Confidence: 0.9635599

00:22:01.104 --> 00:22:02.826 most number of teaching activities
NOTE Confidence: 0.9635599

00:22:02.826 --> 00:22:05.720 on rounds by by a large handful,
NOTE Confidence: 0.9635599

00:22:05.720 --> 00:22:08.394 maybe not significant, but there's a trend.
NOTE Confidence: 0.9635599

00:22:08.400 --> 00:22:09.882 What I think is really interesting
NOTE Confidence: 0.9635599

00:22:09.882 --> 00:22:11.814 in this slide is the number of the
NOTE Confidence: 0.9635599

00:22:11.814 --> 00:22:14.022 amount of time that the effective
NOTE Confidence: 0.9635599

00:22:14.022 --> 00:22:16.368 teachers spent on rounding versus
NOTE Confidence: 0.9635599

00:22:16.368 --> 00:22:17.520 the least effective teachers.
NOTE Confidence: 0.9635599

00:22:17.520 --> 00:22:20.176 So it there was a clear divide where
NOTE Confidence: 0.9635599

00:22:20.176 --> 00:22:22.381 these most highly effective teachers
NOTE Confidence: 0.9635599

00:22:22.381 --> 00:22:25.797 actually were the most efficient on rounds.
NOTE Confidence: 0.9635599

00:22:25.800 --> 00:22:29.355 And yet, if you look down to lines below,
NOTE Confidence: 0.9635599

00:22:29.360 --> 00:22:31.400 they did the most number of

NOTE Confidence: 0.9635599

00:22:31.400 --> 00:22:32.760 teaching activities for patients.

NOTE Confidence: 0.9635599

00:22:32.760 --> 00:22:34.112 So I think the question we have to

NOTE Confidence: 0.9635599

00:22:34.112 --> 00:22:35.118 ask ourselves is what are these,

NOTE Confidence: 0.9635599

00:22:35.120 --> 00:22:36.836 what are these teachers doing right,

NOTE Confidence: 0.9635599

00:22:36.840 --> 00:22:38.904 where they can teach more and

NOTE Confidence: 0.9635599

00:22:38.904 --> 00:22:40.280 spend less time doing?

NOTE Confidence: 0.9635599

00:22:40.280 --> 00:22:41.620 And I think a lot of that has to do

NOTE Confidence: 0.9635599

00:22:41.659 --> 00:22:42.997 with where they did their teaching,

NOTE Confidence: 0.9635599

00:22:43.000 --> 00:22:45.520 which was at the bedside.

NOTE Confidence: 0.9635599

00:22:45.520 --> 00:22:47.008 So let's talk about how to

NOTE Confidence: 0.9635599

00:22:47.008 --> 00:22:47.752 do bedside teaching.

NOTE Confidence: 0.9635599

00:22:47.760 --> 00:22:48.043 Well,

NOTE Confidence: 0.9635599

00:22:48.043 --> 00:22:49.741 that's where we're going to spend

NOTE Confidence: 0.9635599

00:22:49.741 --> 00:22:51.558 the next half hour of our time.

NOTE Confidence: 0.9635599

00:22:51.560 --> 00:22:53.240 So I want to hear from you first,

NOTE Confidence: 0.9635599

00:22:53.240 --> 00:22:55.354 what are the characteristics of a good
NOTE Confidence: 0.9635599

00:22:55.354 --> 00:22:56.919 teaching encounter at the bedside?
NOTE Confidence: 0.857742

00:23:24.080 --> 00:23:25.958 Everybody participates. Yeah.
NOTE Confidence: 0.857742

00:23:28.120 --> 00:23:29.584 It's succinct. It's directed,
NOTE Confidence: 0.857742

00:23:29.584 --> 00:23:32.560 It's collaborative, focused,
NOTE Confidence: 0.857742

00:23:32.560 --> 00:23:34.480 motivated by curiosity and
NOTE Confidence: 0.857742

00:23:34.480 --> 00:23:36.400 active in its teaching,
NOTE Confidence: 0.857742

00:23:36.400 --> 00:23:37.920 allowing time for questions.
NOTE Confidence: 0.857742

00:23:41.520 --> 00:23:45.472 Yeah, the patient needs well, I don't know.
NOTE Confidence: 0.857742

00:23:45.472 --> 00:23:47.360 As someone who teaches on patients in comas,
NOTE Confidence: 0.857742

00:23:47.360 --> 00:23:50.156 do they need to be awake?
NOTE Confidence: 0.857742

00:23:50.160 --> 00:23:52.920 Depends. It depends.
NOTE Confidence: 0.857742

00:23:52.920 --> 00:23:54.000 But I like all these points.
NOTE Confidence: 0.857742

00:23:54.000 --> 00:23:54.978 I think these are great points
NOTE Confidence: 0.857742

00:23:54.978 --> 00:23:56.080 and I appreciate you sharing them.
NOTE Confidence: 0.857742

00:23:56.080 --> 00:23:58.145 I'm going to make,

NOTE Confidence: 0.857742

00:23:58.145 --> 00:24:01.372 I'm going to spend my time for the next 25

NOTE Confidence: 0.857742

00:24:01.372 --> 00:24:03.840 minutes really focusing on two big ideas,

NOTE Confidence: 0.857742

00:24:03.840 --> 00:24:05.550 and we'll talk about the

NOTE Confidence: 0.857742

00:24:05.550 --> 00:24:06.918 details of those ideas.

NOTE Confidence: 0.857742

00:24:06.920 --> 00:24:08.712 But all of the things that you're

NOTE Confidence: 0.857742

00:24:08.712 --> 00:24:10.787 saying here and continue to say are

NOTE Confidence: 0.857742

00:24:10.787 --> 00:24:12.352 relevant to good bedside teaching,

NOTE Confidence: 0.857742

00:24:12.360 --> 00:24:14.394 we'll talk about ways to do some of them.

NOTE Confidence: 0.857742

00:24:14.400 --> 00:24:14.960 For instance,

NOTE Confidence: 0.857742

00:24:14.960 --> 00:24:16.360 how to include the patient,

NOTE Confidence: 0.857742

00:24:16.360 --> 00:24:18.436 how to get everyone to participate.

NOTE Confidence: 0.857742

00:24:18.440 --> 00:24:20.540 I like the phrase zone of proximal

NOTE Confidence: 0.857742

00:24:20.540 --> 00:24:20.840 developments.

NOTE Confidence: 0.857742

00:24:20.840 --> 00:24:24.557 I think that's a really important concept.

NOTE Confidence: 0.857742

00:24:24.560 --> 00:24:27.517 But the big ideas are this effective.

NOTE Confidence: 0.857742

00:24:27.517 --> 00:24:29.659 Bedside teaching really has three phases

NOTE Confidence: 0.857742

00:24:29.659 --> 00:24:32.118 and if you do all of these phases,

NOTE Confidence: 0.857742

00:24:32.120 --> 00:24:34.040 you're almost guaranteed to succeed.

NOTE Confidence: 0.857742

00:24:34.040 --> 00:24:35.400 So the first is preparation,

NOTE Confidence: 0.857742

00:24:35.400 --> 00:24:36.252 the 2nd is execution,

NOTE Confidence: 0.857742

00:24:36.252 --> 00:24:37.317 and the third is debriefing.

NOTE Confidence: 0.857742

00:24:37.320 --> 00:24:39.204 And I'm going to use this three-step

NOTE Confidence: 0.857742

00:24:39.204 --> 00:24:42.116 model as I talk about the next point,

NOTE Confidence: 0.857742

00:24:42.120 --> 00:24:44.310 which is that good bedside

NOTE Confidence: 0.857742

00:24:44.310 --> 00:24:46.062 teaching encounters are both

NOTE Confidence: 0.857742

00:24:46.062 --> 00:24:48.038 learner and patient centered.

NOTE Confidence: 0.857742

00:24:48.040 --> 00:24:49.846 And you have to do both in

NOTE Confidence: 0.857742

00:24:49.846 --> 00:24:51.479 order to really be effective.

NOTE Confidence: 0.857742

00:24:51.480 --> 00:24:53.392 And all we're going to talk about the

NOTE Confidence: 0.857742

00:24:53.392 --> 00:24:55.360 rest of the time is how to do that.

NOTE Confidence: 0.857742

00:24:55.360 --> 00:24:56.940 So let's talk about learner

NOTE Confidence: 0.857742

00:24:56.940 --> 00:24:58.520 centered teaching for a second.

NOTE Confidence: 0.857742

00:24:58.520 --> 00:25:00.392 The big dynamic we probably spend a lot

NOTE Confidence: 0.857742

00:25:00.392 --> 00:25:02.359 of time thinking about as teachers is

NOTE Confidence: 0.857742

00:25:02.360 --> 00:25:04.474 how are we interacting with our learners?

NOTE Confidence: 0.857742

00:25:04.480 --> 00:25:05.638 How are they interacting with us?

NOTE Confidence: 0.857742

00:25:05.640 --> 00:25:08.146 How are we monitoring their learning and

NOTE Confidence: 0.857742

00:25:08.146 --> 00:25:10.440 ensuring that it's actually happening?

NOTE Confidence: 0.857742

00:25:10.440 --> 00:25:12.200 How are we encouraging retention?

NOTE Confidence: 0.857742

00:25:12.200 --> 00:25:13.850 You know this is the essence

NOTE Confidence: 0.857742

00:25:13.850 --> 00:25:14.675 of teaching right?

NOTE Confidence: 0.857742

00:25:14.680 --> 00:25:16.360 Is is this teacher run a relationship

NOTE Confidence: 0.6705935

00:25:19.200 --> 00:25:20.178 learner centered teaching.

NOTE Confidence: 0.6705935

00:25:20.178 --> 00:25:22.134 The best definition I've seen is

NOTE Confidence: 0.6705935

00:25:22.134 --> 00:25:24.131 this a method of teaching in which

NOTE Confidence: 0.6705935

00:25:24.131 --> 00:25:25.720 the students needs have priority.

NOTE Confidence: 0.6705935

00:25:25.720 --> 00:25:28.030 Teachers are expected to facilitate
NOTE Confidence: 0.6705935

00:25:28.030 --> 00:25:29.760 self-directed learning instead instead
NOTE Confidence: 0.6705935

00:25:29.760 --> 00:25:31.760 of supplying spoon fed information.
NOTE Confidence: 0.6705935

00:25:31.760 --> 00:25:33.728 And this is the opposite of
NOTE Confidence: 0.6705935

00:25:33.728 --> 00:25:34.712 teacher centered education.
NOTE Confidence: 0.6705935

00:25:34.720 --> 00:25:36.128 The simpler way to put it would be
NOTE Confidence: 0.6705935

00:25:36.128 --> 00:25:37.520 teaching what the learner needs to teach,
NOTE Confidence: 0.6705935

00:25:37.520 --> 00:25:39.356 not what you want to teach.
NOTE Confidence: 0.6705935

00:25:39.360 --> 00:25:41.238 And those do not always overlap.
NOTE Confidence: 0.6705935

00:25:41.240 --> 00:25:43.196 In fact, often they don't and
NOTE Confidence: 0.6705935

00:25:43.196 --> 00:25:45.051 that's what makes learner centered
NOTE Confidence: 0.6705935

00:25:45.051 --> 00:25:46.518 teaching so challenging.
NOTE Confidence: 0.6705935

00:25:46.520 --> 00:25:47.675 But again, the key points are this.
NOTE Confidence: 0.6705935

00:25:47.680 --> 00:25:49.640 It addresses the learner's needs,
NOTE Confidence: 0.6705935

00:25:49.640 --> 00:25:51.953 which some of you said in that word cloud.
NOTE Confidence: 0.6705935

00:25:51.960 --> 00:25:53.452 It's contextual and timely,

NOTE Confidence: 0.6705935

00:25:53.452 --> 00:25:56.216 which all of you said and it

NOTE Confidence: 0.6705935

00:25:56.216 --> 00:25:57.560 facilitates experiential learning.

NOTE Confidence: 0.6705935

00:25:57.560 --> 00:25:59.558 So learning through practice and experience.

NOTE Confidence: 0.6705935

00:25:59.560 --> 00:26:02.328 And you may or may not be familiar

NOTE Confidence: 0.6705935

00:26:02.328 --> 00:26:04.284 with the experiential learning cycle,

NOTE Confidence: 0.6705935

00:26:04.284 --> 00:26:07.241 but what we're really doing is providing

NOTE Confidence: 0.6705935

00:26:07.241 --> 00:26:10.360 this, these two top items here.

NOTE Confidence: 0.6705935

00:26:10.360 --> 00:26:11.380 So learning,

NOTE Confidence: 0.6705935

00:26:11.380 --> 00:26:12.910 experiential learning begins

NOTE Confidence: 0.6705935

00:26:12.910 --> 00:26:14.440 with concrete experience,

NOTE Confidence: 0.6705935

00:26:14.440 --> 00:26:18.360 moves into reflective observation.

NOTE Confidence: 0.6705935

00:26:18.360 --> 00:26:19.272 And this is what we're doing

NOTE Confidence: 0.6705935

00:26:19.272 --> 00:26:20.320 when we teach at the bedside.

NOTE Confidence: 0.6705935

00:26:20.320 --> 00:26:22.486 We're giving students or learners hands

NOTE Confidence: 0.6705935

00:26:22.486 --> 00:26:24.380 on experience and then encouraging

NOTE Confidence: 0.6705935

00:26:24.380 --> 00:26:26.227 them and helping them reflect.
NOTE Confidence: 0.6705935

00:26:26.227 --> 00:26:27.762 And that's where debriefing is
NOTE Confidence: 0.6705935

00:26:27.762 --> 00:26:29.580 so important on what they did
NOTE Confidence: 0.6705935

00:26:29.580 --> 00:26:30.640 and what they learned.
NOTE Confidence: 0.6705935

00:26:30.640 --> 00:26:32.302 And then we give them time
NOTE Confidence: 0.6705935

00:26:32.302 --> 00:26:33.975 and we allow them to form,
NOTE Confidence: 0.6705935

00:26:33.975 --> 00:26:36.225 abstract these concepts from what they
NOTE Confidence: 0.6705935

00:26:36.225 --> 00:26:38.340 learned and experiment with those concepts
NOTE Confidence: 0.6705935

00:26:38.340 --> 00:26:40.600 in their future interactions with patients.
NOTE Confidence: 0.6705935

00:26:40.600 --> 00:26:41.340 So again,
NOTE Confidence: 0.6705935

00:26:41.340 --> 00:26:42.820 we're moderating these first
NOTE Confidence: 0.6705935

00:26:42.820 --> 00:26:45.198 two steps if we do it right.
NOTE Confidence: 0.6705935

00:26:45.200 --> 00:26:48.476 So let's talk about the preparation phase.
NOTE Confidence: 0.6705935

00:26:48.480 --> 00:26:50.559 I think the two keys to preparing
NOTE Confidence: 0.6705935

00:26:50.559 --> 00:26:52.930 in a learner centered manner are
NOTE Confidence: 0.6705935

00:26:52.930 --> 00:26:54.148 selecting appropriate patients

NOTE Confidence: 0.6705935

00:26:54.148 --> 00:26:56.018 for learning and then establishing

NOTE Confidence: 0.6705935

00:26:56.018 --> 00:26:57.413 learning objectives based on

NOTE Confidence: 0.6705935

00:26:57.413 --> 00:26:58.757 what the learners need to know.

NOTE Confidence: 0.7561742

00:27:01.080 --> 00:27:02.545 So let's talk about patient

NOTE Confidence: 0.7561742

00:27:02.545 --> 00:27:03.717 selection for a minute.

NOTE Confidence: 0.7561742

00:27:03.720 --> 00:27:07.234 How important or how comfortable are you

NOTE Confidence: 0.7561742

00:27:07.240 --> 00:27:11.878 teaching in these these settings overall,

NOTE Confidence: 0.7561742

00:27:11.880 --> 00:27:13.420 when there's an unusual exam

NOTE Confidence: 0.7561742

00:27:13.420 --> 00:27:15.551 finding which may or may not be

NOTE Confidence: 0.7561742

00:27:15.551 --> 00:27:17.192 serious but is worth multiple

NOTE Confidence: 0.7561742

00:27:17.192 --> 00:27:19.560 learners seeing or experiencing?

NOTE Confidence: 0.7561742

00:27:19.560 --> 00:27:21.516 When the patient has a serious

NOTE Confidence: 0.7561742

00:27:21.516 --> 00:27:22.820 terminal diagnosis or prognosis

NOTE Confidence: 0.7561742

00:27:22.873 --> 00:27:24.237 and is cognitively intact.

NOTE Confidence: 0.7561742

00:27:24.240 --> 00:27:26.290 In other words, the conversation

NOTE Confidence: 0.7561742

00:27:26.290 --> 00:27:28.477 could get difficult in the moment.
NOTE Confidence: 0.7561742

00:27:28.477 --> 00:27:30.072 And then what about teaching
NOTE Confidence: 0.7561742

00:27:30.072 --> 00:27:31.760 on patients who aren't awake,
NOTE Confidence: 0.7561742

00:27:31.760 --> 00:27:33.600 who are encephalopathic for instance,
NOTE Confidence: 0.7561742

00:27:33.600 --> 00:27:34.480 or even in the coma?
NOTE Confidence: 0.42124626

00:27:55.530 --> 00:27:56.820 wow, you all are are feeling
NOTE Confidence: 0.42124626

00:27:56.820 --> 00:27:57.626 pretty comfortable. That's good.
NOTE Confidence: 0.42124626

00:27:57.626 --> 00:27:59.130 You should be teaching this instead of me.
NOTE Confidence: 0.42124626

00:28:02.010 --> 00:28:03.846 You know, it's it's an interesting
NOTE Confidence: 0.42124626

00:28:03.846 --> 00:28:05.636 phenomenon that I've seen as I
NOTE Confidence: 0.42124626

00:28:05.636 --> 00:28:07.166 asked this question of many groups,
NOTE Confidence: 0.42124626

00:28:07.170 --> 00:28:09.970 encephalopathic and comatose always wins.
NOTE Confidence: 0.42124626

00:28:09.970 --> 00:28:14.695 And I wonder when we talk about moderating
NOTE Confidence: 0.42124626

00:28:14.695 --> 00:28:16.203 the patient learner interaction,
NOTE Confidence: 0.42124626

00:28:16.210 --> 00:28:18.850 I wonder if that has something to do with it.
NOTE Confidence: 0.42124626

00:28:18.850 --> 00:28:20.870 But I'm glad to see that most of you are

NOTE Confidence: 0.42124626

00:28:20.928 --> 00:28:23.120 fairly comfortable because if you're if

NOTE Confidence: 0.42124626

00:28:23.120 --> 00:28:25.145 you're uncomfortable you need more practice.

NOTE Confidence: 0.42124626

00:28:25.145 --> 00:28:27.275 But also that's probably the biggest

NOTE Confidence: 0.42124626

00:28:27.275 --> 00:28:29.244 barrier to doing it is getting

NOTE Confidence: 0.42124626

00:28:29.244 --> 00:28:30.799 over that personal discomfort and

NOTE Confidence: 0.42124626

00:28:30.854 --> 00:28:32.520 some of you are and that's OK.

NOTE Confidence: 0.42124626

00:28:32.520 --> 00:28:33.800 Our goal is to make you more comfortable.

NOTE Confidence: 0.9448365

00:28:37.440 --> 00:28:39.384 So thinking about those groups of

NOTE Confidence: 0.9448365

00:28:39.384 --> 00:28:41.075 patients and other patients perhaps

NOTE Confidence: 0.9448365

00:28:41.075 --> 00:28:43.674 that you've taught on recently or not

NOTE Confidence: 0.9448365

00:28:43.674 --> 00:28:46.873 taught on recently for for a reason,

NOTE Confidence: 0.9448365

00:28:46.880 --> 00:28:47.681 What characteristics should

NOTE Confidence: 0.9448365

00:28:47.681 --> 00:28:49.283 we think about when we select

NOTE Confidence: 0.9448365

00:28:49.283 --> 00:28:50.439 patients for bedside teaching,

NOTE Confidence: 0.49443188

00:29:08.560 --> 00:29:09.270 appropriate mood?

NOTE Confidence: 0.49443188

00:29:09.270 --> 00:29:11.400 Yep, the patient agrees to it.
NOTE Confidence: 0.49443188

00:29:11.400 --> 00:29:12.128 We're going to talk
NOTE Confidence: 0.49443188

00:29:12.128 --> 00:29:13.038 about consent in a bit.
NOTE Confidence: 0.49443188

00:29:15.520 --> 00:29:19.076 Awakeness again, I think the patient being,
NOTE Confidence: 0.49443188

00:29:19.080 --> 00:29:20.179 I think what you may be referring
NOTE Confidence: 0.49443188

00:29:20.179 --> 00:29:21.518 to is if the patient is asleep,
NOTE Confidence: 0.49443188

00:29:21.520 --> 00:29:23.752 don't wake them up if you don't have to.
NOTE Confidence: 0.49443188

00:29:26.360 --> 00:29:28.904 But there's also the spectrum of
NOTE Confidence: 0.49443188

00:29:28.904 --> 00:29:30.600 AWAKEN ALERT versus encephalopathic,
NOTE Confidence: 0.49443188

00:29:30.600 --> 00:29:33.000 stuporous or comatose.
NOTE Confidence: 0.49443188

00:29:33.000 --> 00:29:34.920 What is their health literacy appropriate?
NOTE Confidence: 0.49443188

00:29:34.920 --> 00:29:37.520 Yeah. Can you prepare them ahead of time?
NOTE Confidence: 0.49443188

00:29:37.520 --> 00:29:39.400 I think that's always good if you can,
NOTE Confidence: 0.49443188

00:29:39.400 --> 00:29:40.920 avoiding usually agitated patients,
NOTE Confidence: 0.49443188

00:29:40.920 --> 00:29:43.719 which you're going to run into for sure
NOTE Confidence: 0.49443188

00:29:43.720 --> 00:29:45.239 agreeable to having a learner join them.

NOTE Confidence: 0.5761658

00:29:47.360 --> 00:29:48.956 The learner's interest in the topic.

NOTE Confidence: 0.5761658

00:29:48.960 --> 00:29:51.066 Yeah, so that's part of learner

NOTE Confidence: 0.5761658

00:29:51.066 --> 00:29:52.616 centered teaching is, you know,

NOTE Confidence: 0.5761658

00:29:52.616 --> 00:29:54.352 do the learners want to learn about

NOTE Confidence: 0.5761658

00:29:54.352 --> 00:29:55.997 what you're going to teach them?

NOTE Confidence: 0.5761658

00:29:56.000 --> 00:29:58.076 Hopefully as a motivated adult learners,

NOTE Confidence: 0.5761658

00:29:58.080 --> 00:29:59.172 there they do.

NOTE Confidence: 0.5761658

00:29:59.172 --> 00:30:01.356 But that's not always the case.

NOTE Confidence: 0.5761658

00:30:01.360 --> 00:30:03.440 Religious and cultural beliefs

NOTE Confidence: 0.5761658

00:30:03.440 --> 00:30:05.520 regarding groups and teaching,

NOTE Confidence: 0.5761658

00:30:05.520 --> 00:30:06.576 considering the family's thoughts

NOTE Confidence: 0.5761658

00:30:06.576 --> 00:30:07.896 and teaching the presence of

NOTE Confidence: 0.5761658

00:30:07.896 --> 00:30:09.276 a family is a whole another.

NOTE Confidence: 0.5761658

00:30:09.280 --> 00:30:12.718 It's probably an hour onto itself.

NOTE Confidence: 0.5761658

00:30:12.720 --> 00:30:13.808 A good physical exam.

NOTE Confidence: 0.5761658

00:30:13.808 --> 00:30:15.440 I'm not intrusive to other parts.
NOTE Confidence: 0.5761658

00:30:15.440 --> 00:30:16.592 Yep. Engage ability,
NOTE Confidence: 0.5761658

00:30:16.592 --> 00:30:19.280 all all great things to think of.
NOTE Confidence: 0.5761658

00:30:19.280 --> 00:30:20.440 If you go to the literature on this,
NOTE Confidence: 0.5761658

00:30:20.440 --> 00:30:21.580 there's not much,
NOTE Confidence: 0.5761658

00:30:21.580 --> 00:30:23.792 and I think some of that's because
NOTE Confidence: 0.5761658

00:30:23.792 --> 00:30:25.400 this is maybe considered common sense,
NOTE Confidence: 0.5761658

00:30:25.400 --> 00:30:27.232 but I think there's an art to
NOTE Confidence: 0.5761658

00:30:27.232 --> 00:30:30.880 picking the right patient one.
NOTE Confidence: 0.5761658

00:30:30.880 --> 00:30:32.280 Oops.
NOTE Confidence: 0.5761658

00:30:32.280 --> 00:30:34.696 One the table that I found that I
NOTE Confidence: 0.5761658

00:30:34.696 --> 00:30:36.719 thought was helpful is this one.
NOTE Confidence: 0.5761658

00:30:36.720 --> 00:30:38.840 And these are things you can think about,
NOTE Confidence: 0.5761658

00:30:38.840 --> 00:30:41.078 some of which you've already mentioned
NOTE Confidence: 0.5761658

00:30:41.080 --> 00:30:42.424 in terms of how to pick the best
NOTE Confidence: 0.5761658

00:30:42.424 --> 00:30:43.439 patient from bedside teaching.

NOTE Confidence: 0.5761658

00:30:43.440 --> 00:30:47.717 So does it fit the lessons topic?

NOTE Confidence: 0.5761658

00:30:47.720 --> 00:30:50.636 Makes sense Language and verbal skills.

NOTE Confidence: 0.5761658

00:30:50.640 --> 00:30:53.351 One thing to consider is,

NOTE Confidence: 0.5761658

00:30:53.351 --> 00:30:55.106 is a non-english speaking patient

NOTE Confidence: 0.5761658

00:30:55.106 --> 00:30:57.120 a barrier to bedside teaching?

NOTE Confidence: 0.5761658

00:30:57.120 --> 00:30:57.426 Yes,

NOTE Confidence: 0.5761658

00:30:57.426 --> 00:30:59.262 but should we deprive those patients

NOTE Confidence: 0.5761658

00:30:59.262 --> 00:31:01.320 of the benefits of bedside teaching?

NOTE Confidence: 0.5761658

00:31:01.320 --> 00:31:02.524 I would argue no.

NOTE Confidence: 0.5761658

00:31:02.524 --> 00:31:04.029 And so if an appropriate

NOTE Confidence: 0.5761658

00:31:04.029 --> 00:31:05.120 interpreter can be found,

NOTE Confidence: 0.5761658

00:31:05.120 --> 00:31:07.085 including patients who are non-english

NOTE Confidence: 0.5761658

00:31:07.085 --> 00:31:08.635 speaking is very important.

NOTE Confidence: 0.5761658

00:31:08.635 --> 00:31:10.560 Their state of health right?

NOTE Confidence: 0.5761658

00:31:10.560 --> 00:31:13.038 Are they tenuous?

NOTE Confidence: 0.5761658

00:31:13.040 --> 00:31:15.805 Are they in step down unit and quite sick?

NOTE Confidence: 0.5761658

00:31:15.805 --> 00:31:17.480 Are they in an ICU?

NOTE Confidence: 0.5761658

00:31:17.480 --> 00:31:18.896 And how much teaching is appropriate

NOTE Confidence: 0.5761658

00:31:18.896 --> 00:31:20.360 on a patient who's critically,

NOTE Confidence: 0.5761658

00:31:20.360 --> 00:31:21.815 I'll for instance,

NOTE Confidence: 0.5761658

00:31:21.815 --> 00:31:23.755 interactions down on personality,

NOTE Confidence: 0.5761658

00:31:23.760 --> 00:31:25.448 the dangers of infection?

NOTE Confidence: 0.5761658

00:31:25.448 --> 00:31:26.714 Speaking of COVID,

NOTE Confidence: 0.5761658

00:31:26.720 --> 00:31:29.208 is it appropriate to bring a large group

NOTE Confidence: 0.5761658

00:31:29.208 --> 00:31:31.960 into a patient on contact precautions,

NOTE Confidence: 0.5761658

00:31:31.960 --> 00:31:33.838 their own insight into the disease?

NOTE Confidence: 0.5761658

00:31:33.840 --> 00:31:35.496 And I think bedside teaching is

NOTE Confidence: 0.5761658

00:31:35.496 --> 00:31:37.360 a chance to develop that insight.

NOTE Confidence: 0.5761658

00:31:37.360 --> 00:31:38.635 But thinking about where they're

NOTE Confidence: 0.5761658

00:31:38.635 --> 00:31:40.233 starting is really important and what's

NOTE Confidence: 0.5761658

00:31:40.233 --> 00:31:41.638 your relationship with that patient?

NOTE Confidence: 0.5761658
00:31:41.640 --> 00:31:42.600 If they're angry at the team,
NOTE Confidence: 0.5761658
00:31:42.600 --> 00:31:44.080 probably not a great day.
NOTE Confidence: 0.5761658
00:31:44.080 --> 00:31:46.320 Ask them if they're OK with being taught
NOTE Confidence: 0.5761658
00:31:46.320 --> 00:31:49.358 or taught on or included in teaching.
NOTE Confidence: 0.5761658
00:31:49.360 --> 00:31:50.380 And then there's some
NOTE Confidence: 0.5761658
00:31:50.380 --> 00:31:51.400 structural factors to consider.
NOTE Confidence: 0.5761658
00:31:51.400 --> 00:31:53.839 How many patients do you have to round on,
NOTE Confidence: 0.5761658
00:31:53.840 --> 00:31:54.680 and how many?
NOTE Confidence: 0.5761658
00:31:54.680 --> 00:31:56.080 How many of those are?
NOTE Confidence: 0.5761658
00:31:56.080 --> 00:32:00.160 Can you really logistically teach on?
NOTE Confidence: 0.5761658
00:32:00.160 --> 00:32:01.516 Maybe don't teach on the same
NOTE Confidence: 0.5761658
00:32:01.516 --> 00:32:02.194 patient every day.
NOTE Confidence: 0.5761658
00:32:02.200 --> 00:32:03.604 Frequency of participation.
NOTE Confidence: 0.5761658
00:32:03.604 --> 00:32:05.476 What's the lesson schedule?
NOTE Confidence: 0.5761658
00:32:05.480 --> 00:32:06.560 Can you contact the patient?
NOTE Confidence: 0.5761658

00:32:06.560 --> 00:32:07.600 Are they on the floor?
NOTE Confidence: 0.5761658

00:32:07.600 --> 00:32:08.496 And then of course,
NOTE Confidence: 0.5761658

00:32:08.496 --> 00:32:09.616 any legal aspects always need
NOTE Confidence: 0.5761658

00:32:09.616 --> 00:32:10.838 to be considered as well.
NOTE Confidence: 0.5761658

00:32:10.840 --> 00:32:12.919 So these are things to think about.
NOTE Confidence: 0.5761658

00:32:12.920 --> 00:32:15.626 But the ideal patient is somebody
NOTE Confidence: 0.5761658

00:32:15.626 --> 00:32:17.400 who ideally can participate.
NOTE Confidence: 0.5761658

00:32:17.400 --> 00:32:19.600 Unless you're trying to teach,
NOTE Confidence: 0.5761658

00:32:19.600 --> 00:32:22.940 the comatose exam is agreeable
NOTE Confidence: 0.5761658

00:32:22.940 --> 00:32:24.276 to participate.
NOTE Confidence: 0.5761658

00:32:24.280 --> 00:32:24.614 Again,
NOTE Confidence: 0.5761658

00:32:24.614 --> 00:32:27.286 I I think language should be thought about
NOTE Confidence: 0.5761658

00:32:27.286 --> 00:32:29.968 very carefully and then has something
NOTE Confidence: 0.5761658

00:32:29.968 --> 00:32:32.560 that's worthy of of being taught,
NOTE Confidence: 0.5761658

00:32:32.560 --> 00:32:32.735 right?
NOTE Confidence: 0.5761658

00:32:32.735 --> 00:32:33.960 And that could be an exam finding.

NOTE Confidence: 0.5761658
00:32:33.960 --> 00:32:35.825 That could be modeling the
NOTE Confidence: 0.5761658
00:32:35.825 --> 00:32:37.317 patient doctor interaction in
NOTE Confidence: 0.5761658
00:32:37.317 --> 00:32:39.239 a difficult conversation,
NOTE Confidence: 0.5761658
00:32:39.240 --> 00:32:43.236 That could be modeling patient education,
NOTE Confidence: 0.7837758
00:32:43.240 --> 00:32:44.580 or it could be practicing
NOTE Confidence: 0.7837758
00:32:44.580 --> 00:32:45.652 clinical reasoning and explaining
NOTE Confidence: 0.7837758
00:32:45.652 --> 00:32:46.960 thought processes to the patient.
NOTE Confidence: 0.7837758
00:32:46.960 --> 00:32:49.516 So it doesn't have to be the physical exam,
NOTE Confidence: 0.7837758
00:32:49.520 --> 00:32:50.425 but something that's relevant to
NOTE Confidence: 0.7837758
00:32:50.425 --> 00:32:51.520 what the learners need to know.
NOTE Confidence: 0.7837758
00:32:51.520 --> 00:32:55.084 I'm not going to get too much into the
NOTE Confidence: 0.7837758
00:32:55.084 --> 00:32:57.320 second point of preparation because that's
NOTE Confidence: 0.7837758
00:32:57.320 --> 00:33:01.440 determining learner objectives is really
NOTE Confidence: 0.7837758
00:33:01.440 --> 00:33:04.878 hours of lecture all unto themselves.
NOTE Confidence: 0.7837758
00:33:04.880 --> 00:33:07.899 But I just want to talk about how to execute.
NOTE Confidence: 0.7837758

00:33:07.899 --> 00:33:10.960 So we'll go on to the next phase.
NOTE Confidence: 0.7837758

00:33:10.960 --> 00:33:12.532 How do you execute a good
NOTE Confidence: 0.7837758

00:33:12.532 --> 00:33:13.318 bedside teaching encounter?
NOTE Confidence: 0.7837758

00:33:13.320 --> 00:33:15.434 I think it starts in the doorway.
NOTE Confidence: 0.7837758

00:33:15.440 --> 00:33:16.892 And so I think reviewing the
NOTE Confidence: 0.7837758

00:33:16.892 --> 00:33:18.135 learning objectives that you may
NOTE Confidence: 0.7837758

00:33:18.135 --> 00:33:19.515 have developed earlier in the day,
NOTE Confidence: 0.7837758

00:33:19.520 --> 00:33:22.160 for instance on table rounds,
NOTE Confidence: 0.7837758

00:33:22.160 --> 00:33:23.535 reviewing those objectives right before
NOTE Confidence: 0.7837758

00:33:23.535 --> 00:33:26.200 you go in to see the patient is important.
NOTE Confidence: 0.7837758

00:33:26.200 --> 00:33:27.719 Adapting the teaching to the learning needs,
NOTE Confidence: 0.7837758

00:33:27.720 --> 00:33:30.000 being learner centered,
NOTE Confidence: 0.7837758

00:33:30.000 --> 00:33:32.440 allowing for questions in the moment is key.
NOTE Confidence: 0.7837758

00:33:32.440 --> 00:33:35.674 So not not shying away from questions.
NOTE Confidence: 0.7837758

00:33:35.680 --> 00:33:38.123 I think this can be really nerve
NOTE Confidence: 0.7837758

00:33:38.123 --> 00:33:40.416 wracking as a bedside teacher

NOTE Confidence: 0.7837758

00:33:40.416 --> 00:33:41.945 because you don't know what you're

NOTE Confidence: 0.7837758

00:33:41.945 --> 00:33:43.360 going to get asked and you can be.

NOTE Confidence: 0.7837758

00:33:43.360 --> 00:33:45.166 There's a lot of thin ice phenomenon

NOTE Confidence: 0.7837758

00:33:45.166 --> 00:33:46.707 where you're going to be afraid to

NOTE Confidence: 0.7837758

00:33:46.707 --> 00:33:48.072 be put on the spot for something

NOTE Confidence: 0.7837758

00:33:48.072 --> 00:33:49.759 you may not know the answer to.

NOTE Confidence: 0.7837758

00:33:49.760 --> 00:33:51.248 But I think that's a chance to model

NOTE Confidence: 0.7837758

00:33:51.248 --> 00:33:52.634 how you find the answers to things

NOTE Confidence: 0.7837758

00:33:52.634 --> 00:33:54.429 and how you go back and and tell the

NOTE Confidence: 0.7837758

00:33:54.429 --> 00:33:55.971 patient what you want them to know

NOTE Confidence: 0.7837758

00:33:55.971 --> 00:33:58.197 and then give real time feedback.

NOTE Confidence: 0.7837758

00:33:58.200 --> 00:33:59.600 So don't don't necessarily wait

NOTE Confidence: 0.7837758

00:33:59.600 --> 00:34:01.000 until you're outside the room.

NOTE Confidence: 0.7837758

00:34:01.000 --> 00:34:03.520 I think there's a lot of value in

NOTE Confidence: 0.7837758

00:34:03.520 --> 00:34:05.756 giving feedback in front of the patient.

NOTE Confidence: 0.7837758

00:34:05.760 --> 00:34:08.712 There are many models and ways to do this,
NOTE Confidence: 0.7837758

00:34:08.720 --> 00:34:10.392 but one that I'm I'm very fond of
NOTE Confidence: 0.7837758

00:34:10.392 --> 00:34:12.079 is called the One minute Preceptor.
NOTE Confidence: 0.7837758

00:34:12.080 --> 00:34:13.280 You've probably seen it before.
NOTE Confidence: 0.7837758

00:34:13.280 --> 00:34:15.674 I'm not going to belabor it here,
NOTE Confidence: 0.7837758

00:34:15.680 --> 00:34:17.720 but it's a way to teach in a minute or less,
NOTE Confidence: 0.7837758

00:34:17.720 --> 00:34:19.519 maybe 2 minutes. One minute's a little.
NOTE Confidence: 0.7837758

00:34:19.520 --> 00:34:22.400 A little optimistic perhaps,
NOTE Confidence: 0.7837758

00:34:22.400 --> 00:34:24.280 but and you can do this in phases too.
NOTE Confidence: 0.7837758

00:34:24.280 --> 00:34:25.954 You can do some of this in pre rounds,
NOTE Confidence: 0.7837758

00:34:25.960 --> 00:34:26.928 some of this at the best side and
NOTE Confidence: 0.7837758

00:34:26.928 --> 00:34:27.798 some of this in the hallway.
NOTE Confidence: 0.7837758

00:34:27.800 --> 00:34:30.720 But get a commitment from the learner.
NOTE Confidence: 0.7837758

00:34:30.720 --> 00:34:32.760 So figure out,
NOTE Confidence: 0.7837758

00:34:32.760 --> 00:34:34.559 ask them to put their money down
NOTE Confidence: 0.7837758

00:34:34.559 --> 00:34:35.073 on something.

NOTE Confidence: 0.7837758

00:34:35.080 --> 00:34:36.494 What do you what do you think

NOTE Confidence: 0.7837758

00:34:36.494 --> 00:34:37.400 is going on here?

NOTE Confidence: 0.7837758

00:34:37.400 --> 00:34:38.835 What do you think is the cause?

NOTE Confidence: 0.7837758

00:34:38.840 --> 00:34:40.400 What is your treatment of choice?

NOTE Confidence: 0.7837758

00:34:40.400 --> 00:34:42.760 What diagnostic tests are next?

NOTE Confidence: 0.7837758

00:34:42.760 --> 00:34:44.500 Something that asks them to make

NOTE Confidence: 0.7837758

00:34:44.500 --> 00:34:46.235 a commitment and then ask them why

NOTE Confidence: 0.7837758

00:34:46.235 --> 00:34:47.159 probe for supporting evidence?

NOTE Confidence: 0.7837758

00:34:47.160 --> 00:34:48.520 Why do you think that?

NOTE Confidence: 0.7837758

00:34:48.520 --> 00:34:49.798 Why is this the best treatment?

NOTE Confidence: 0.7837758

00:34:49.800 --> 00:34:53.080 Or why would you do this as your next test?

NOTE Confidence: 0.7837758

00:34:53.080 --> 00:34:55.357 This then tells you what you need to teach.

NOTE Confidence: 0.7837758

00:34:55.360 --> 00:34:57.454 So if you do this either in front

NOTE Confidence: 0.7837758

00:34:57.454 --> 00:34:58.980 of the patient or right before you

NOTE Confidence: 0.7837758

00:34:59.025 --> 00:35:00.343 go to see them, now you know.

NOTE Confidence: 0.7837758

00:35:00.343 --> 00:35:02.189 This is how I'm going to teach to
NOTE Confidence: 0.7837758

00:35:02.189 --> 00:35:03.876 the learner's needs and not to my
NOTE Confidence: 0.7837758

00:35:03.876 --> 00:35:04.720 own comfort level,
NOTE Confidence: 0.7837758

00:35:04.720 --> 00:35:06.860 and then teach them something
NOTE Confidence: 0.7837758

00:35:06.860 --> 00:35:07.716 widely applicable.
NOTE Confidence: 0.7427288

00:35:07.720 --> 00:35:09.946 Here's how I do the reflex
NOTE Confidence: 0.7427288

00:35:09.946 --> 00:35:11.436 exam in somebody in bed.
NOTE Confidence: 0.7427288

00:35:11.436 --> 00:35:13.535 Here is how I check a wound
NOTE Confidence: 0.7427288

00:35:13.535 --> 00:35:15.635 to make sure it's truly clean,
NOTE Confidence: 0.7427288

00:35:15.640 --> 00:35:18.880 dry and intact. Whatever.
NOTE Confidence: 0.7427288

00:35:18.880 --> 00:35:20.920 Reinforce what the learner did well.
NOTE Confidence: 0.7427288

00:35:20.920 --> 00:35:22.135 So make sure that and you can do this
NOTE Confidence: 0.7427288

00:35:22.135 --> 00:35:23.320 at the bedside or in the hallway,
NOTE Confidence: 0.7427288

00:35:23.320 --> 00:35:24.952 but make sure they understand what
NOTE Confidence: 0.7427288

00:35:24.952 --> 00:35:26.669 what their strengths are and then
NOTE Confidence: 0.7427288

00:35:26.669 --> 00:35:28.119 give them some corrective feedback.

NOTE Confidence: 0.7427288

00:35:28.120 --> 00:35:29.520 What do you need to do better?

NOTE Confidence: 0.7427288

00:35:29.520 --> 00:35:31.888 So if you do this well, it's quick.

NOTE Confidence: 0.7427288

00:35:31.888 --> 00:35:35.236 And I think the best teachers are doing this,

NOTE Confidence: 0.7427288

00:35:35.240 --> 00:35:36.128 perhaps without even knowing

NOTE Confidence: 0.7427288

00:35:36.128 --> 00:35:36.794 they're doing it.

NOTE Confidence: 0.7427288

00:35:36.800 --> 00:35:38.396 And in fact that's how this

NOTE Confidence: 0.7427288

00:35:38.396 --> 00:35:39.194 model was developed,

NOTE Confidence: 0.7427288

00:35:39.200 --> 00:35:41.192 is they they observed excellent teachers

NOTE Confidence: 0.7427288

00:35:41.192 --> 00:35:43.633 and then did an ethnographic study and

NOTE Confidence: 0.7427288

00:35:43.633 --> 00:35:46.560 pulled out the behaviors they had in common.

NOTE Confidence: 0.7427288

00:35:46.560 --> 00:35:47.918 So good teachers are already doing this.

NOTE Confidence: 0.7427288

00:35:47.920 --> 00:35:49.762 You may already be doing this and

NOTE Confidence: 0.7427288

00:35:49.762 --> 00:35:51.580 feel free to implement it as a way to

NOTE Confidence: 0.7427288

00:35:51.638 --> 00:35:53.318 execute learner centered teaching.

NOTE Confidence: 0.7427288

00:35:53.320 --> 00:35:56.758 And then you want to debrief.

NOTE Confidence: 0.7427288

00:35:56.760 --> 00:35:58.800 So review the learning objectives,
NOTE Confidence: 0.7427288

00:35:58.800 --> 00:36:00.372 Provide some additional feedback,
NOTE Confidence: 0.7427288

00:36:00.372 --> 00:36:02.337 especially feedback you don't want
NOTE Confidence: 0.7427288

00:36:02.337 --> 00:36:04.400 to give in front of the patient.
NOTE Confidence: 0.7427288

00:36:04.400 --> 00:36:04.898 You know,
NOTE Confidence: 0.7427288

00:36:04.898 --> 00:36:06.392 things that are a little either
NOTE Confidence: 0.7427288

00:36:06.392 --> 00:36:08.104 maybe a little harsh or could
NOTE Confidence: 0.7427288

00:36:08.104 --> 00:36:09.554 embarrass the learner that you
NOTE Confidence: 0.7427288

00:36:09.554 --> 00:36:11.444 want to give in person without the
NOTE Confidence: 0.7427288

00:36:11.444 --> 00:36:13.770 rest of the team there and then
NOTE Confidence: 0.7427288

00:36:13.770 --> 00:36:15.600 allow for some time for reflection.
NOTE Confidence: 0.7427288

00:36:15.600 --> 00:36:17.184 Remember that abstract conceptualization
NOTE Confidence: 0.7427288

00:36:17.184 --> 00:36:19.560 and reflection are part of that
NOTE Confidence: 0.7427288

00:36:19.619 --> 00:36:21.158 experiential learning cycle.
NOTE Confidence: 0.7427288

00:36:21.160 --> 00:36:23.437 So ask them what did you learn from this?
NOTE Confidence: 0.7427288

00:36:23.440 --> 00:36:25.000 What are you going to take

NOTE Confidence: 0.7427288

00:36:25.000 --> 00:36:26.040 away for future encounters?

NOTE Confidence: 0.7427288

00:36:26.040 --> 00:36:27.608 What do you want to do differently

NOTE Confidence: 0.7427288

00:36:27.608 --> 00:36:29.684 the next time and and really guide

NOTE Confidence: 0.7427288

00:36:29.684 --> 00:36:32.200 some of that reflection in real time.

NOTE Confidence: 0.7427288

00:36:32.200 --> 00:36:32.552 So again,

NOTE Confidence: 0.7427288

00:36:32.552 --> 00:36:33.608 this doesn't have to be done

NOTE Confidence: 0.7427288

00:36:33.608 --> 00:36:34.559 in front of the patient,

NOTE Confidence: 0.7427288

00:36:34.560 --> 00:36:36.480 but it doesn't have to be done in

NOTE Confidence: 0.7427288

00:36:36.480 --> 00:36:38.673 order to do an effective learner

NOTE Confidence: 0.7427288

00:36:38.673 --> 00:36:41.052 centered teaching encounter.

NOTE Confidence: 0.7427288

00:36:41.052 --> 00:36:42.638 But remember,

NOTE Confidence: 0.7427288

00:36:42.640 --> 00:36:44.080 the bedside teaching encounters are

NOTE Confidence: 0.7427288

00:36:44.080 --> 00:36:45.520 both learner and patient centered.

NOTE Confidence: 0.7427288

00:36:45.520 --> 00:36:46.336 So we're going to,

NOTE Confidence: 0.7427288

00:36:46.336 --> 00:36:48.175 we're going to move on to talk about

NOTE Confidence: 0.7427288

00:36:48.175 --> 00:36:49.879 how to do patient centered encounters.

NOTE Confidence: 0.7466013

00:36:52.800 --> 00:36:55.224 And really what's happening now is

NOTE Confidence: 0.7466013

00:36:55.224 --> 00:36:56.840 we're introducing A complication

NOTE Confidence: 0.7466013

00:36:56.910 --> 00:36:58.358 to that initial dynamic.

NOTE Confidence: 0.7466013

00:36:58.360 --> 00:37:00.313 So instead of just a teacher and a learner,

NOTE Confidence: 0.7466013

00:37:00.320 --> 00:37:01.720 it's now as the teacher.

NOTE Confidence: 0.7466013

00:37:01.720 --> 00:37:03.460 You're moderating the

NOTE Confidence: 0.7466013

00:37:03.460 --> 00:37:05.200 teacher learner interaction.

NOTE Confidence: 0.7466013

00:37:05.200 --> 00:37:06.004 You're moderating your

NOTE Confidence: 0.7466013

00:37:06.004 --> 00:37:07.076 interaction with the patient,

NOTE Confidence: 0.7466013

00:37:07.080 --> 00:37:08.840 and you're also moderating the

NOTE Confidence: 0.7466013

00:37:08.840 --> 00:37:10.600 learner's interaction with the patient.

NOTE Confidence: 0.7466013

00:37:10.600 --> 00:37:13.050 So this is quite challenging you you

NOTE Confidence: 0.7466013

00:37:13.050 --> 00:37:15.758 just went from 1 interaction to three,

NOTE Confidence: 0.7466013

00:37:15.760 --> 00:37:18.196 but it still has three phases and

NOTE Confidence: 0.7466013

00:37:18.196 --> 00:37:19.880 good patient centered teaching,

NOTE Confidence: 0.7466013

00:37:19.880 --> 00:37:22.050 similar to learner centered teaching

NOTE Confidence: 0.7466013

00:37:22.050 --> 00:37:24.000 addresses the patient's needs,

NOTE Confidence: 0.7466013

00:37:24.000 --> 00:37:26.160 actively includes the patient,

NOTE Confidence: 0.7466013

00:37:26.160 --> 00:37:27.604 and facilitates patient education.

NOTE Confidence: 0.7466013

00:37:27.604 --> 00:37:30.960 So a lot of the same principles apply,

NOTE Confidence: 0.7466013

00:37:30.960 --> 00:37:32.680 you just need to moderate.

NOTE Confidence: 0.7466013

00:37:32.680 --> 00:37:34.655 You need to juggle multiple

NOTE Confidence: 0.7466013

00:37:34.655 --> 00:37:35.840 interactions at once.

NOTE Confidence: 0.7466013

00:37:35.840 --> 00:37:37.568 So how do you prepare in

NOTE Confidence: 0.7466013

00:37:37.568 --> 00:37:38.720 a patient centered way?

NOTE Confidence: 0.7466013

00:37:38.720 --> 00:37:40.690 So I think selecting patients

NOTE Confidence: 0.7466013

00:37:40.690 --> 00:37:43.245 based on the risk and benefits to

NOTE Confidence: 0.7466013

00:37:43.245 --> 00:37:44.659 them and ethical considerations.

NOTE Confidence: 0.7466013

00:37:44.659 --> 00:37:45.718 So risk benefits.

NOTE Confidence: 0.7466013

00:37:45.720 --> 00:37:47.250 A funny thing to think about

NOTE Confidence: 0.7466013

00:37:47.250 --> 00:37:48.840 when it comes to teaching,
NOTE Confidence: 0.7466013

00:37:48.840 --> 00:37:50.880 but it's a reality, right?
NOTE Confidence: 0.7466013

00:37:50.880 --> 00:37:53.010 There is a risk to being
NOTE Confidence: 0.7466013

00:37:53.010 --> 00:37:54.075 included in education.
NOTE Confidence: 0.7466013

00:37:54.080 --> 00:37:56.060 You may be uncomfortable,
NOTE Confidence: 0.7466013

00:37:56.060 --> 00:37:58.040 You may feel embarrassed.
NOTE Confidence: 0.7466013

00:37:58.040 --> 00:37:59.905 You may have confidential information
NOTE Confidence: 0.7466013

00:37:59.905 --> 00:38:02.200 discussed in front of a group.
NOTE Confidence: 0.7466013

00:38:02.200 --> 00:38:03.400 Your neighbor may overhear
NOTE Confidence: 0.7466013

00:38:03.400 --> 00:38:05.200 what's going on in the room.
NOTE Confidence: 0.7466013

00:38:05.200 --> 00:38:07.398 There's a lot to think about there,
NOTE Confidence: 0.7466013

00:38:07.400 --> 00:38:08.555 but there's a lot of benefit too.
NOTE Confidence: 0.7466013

00:38:08.560 --> 00:38:10.558 You will understand your condition better.
NOTE Confidence: 0.7466013

00:38:10.560 --> 00:38:12.400 You will know what your team is thinking.
NOTE Confidence: 0.7466013

00:38:12.400 --> 00:38:14.445 You will have benefited future
NOTE Confidence: 0.7466013

00:38:14.445 --> 00:38:16.950 patients because of the learners that

NOTE Confidence: 0.7466013

00:38:16.950 --> 00:38:19.380 you're teaching and then the ethical

NOTE Confidence: 0.7466013

00:38:19.380 --> 00:38:21.480 considerations that we discussed before.

NOTE Confidence: 0.7466013

00:38:21.480 --> 00:38:23.640 So pick the right patient,

NOTE Confidence: 0.7466013

00:38:23.640 --> 00:38:24.888 establish objectives based on

NOTE Confidence: 0.7466013

00:38:24.888 --> 00:38:26.760 what the patient needs from you.

NOTE Confidence: 0.7466013

00:38:26.760 --> 00:38:29.022 Do they need more education on

NOTE Confidence: 0.7466013

00:38:29.022 --> 00:38:31.360 the nature of their condition?

NOTE Confidence: 0.7466013

00:38:31.360 --> 00:38:33.432 Do they need to be included in a

NOTE Confidence: 0.7466013

00:38:33.432 --> 00:38:35.363 more active way in the discussion

NOTE Confidence: 0.7466013

00:38:35.363 --> 00:38:36.715 of their treatment plan?

NOTE Confidence: 0.7466013

00:38:36.720 --> 00:38:38.190 What can you do as a teacher

NOTE Confidence: 0.7466013

00:38:38.190 --> 00:38:39.788 to model these things and also

NOTE Confidence: 0.7466013

00:38:39.788 --> 00:38:41.313 accomplish what the patient needs?

NOTE Confidence: 0.7466013

00:38:41.320 --> 00:38:42.895 And then I would add a third

NOTE Confidence: 0.7466013

00:38:42.895 --> 00:38:44.240 element to this preparation,

NOTE Confidence: 0.7466013

00:38:44.240 --> 00:38:46.795 which is get consent from the patient.

NOTE Confidence: 0.7466013

00:38:46.800 --> 00:38:48.669 So I put a question mark there

NOTE Confidence: 0.7466013

00:38:48.669 --> 00:38:50.443 because I think this is an

NOTE Confidence: 0.7466013

00:38:50.443 --> 00:38:51.953 interesting question to think about

NOTE Confidence: 0.7466013

00:38:51.953 --> 00:38:54.079 at an academic Learning Center.

NOTE Confidence: 0.7466013

00:38:54.080 --> 00:38:55.520 So I want to know what you think.

NOTE Confidence: 0.7466013

00:38:55.520 --> 00:38:57.985 Should we be consenting patients

NOTE Confidence: 0.7466013

00:38:57.985 --> 00:38:59.134 explicitly for bedside teaching?

NOTE Confidence: 0.7466013

00:38:59.134 --> 00:39:00.442 And we'll talk about what the

NOTE Confidence: 0.7466013

00:39:00.442 --> 00:39:01.478 consent includes in a minute.

NOTE Confidence: 0.7466013

00:39:01.480 --> 00:39:04.880 But at least asking one question,

NOTE Confidence: 0.7466013

00:39:04.880 --> 00:39:05.996 do you want to be included

NOTE Confidence: 0.92571306

00:39:10.950 --> 00:39:11.430 or not?

NOTE Confidence: 0.92571306

00:39:13.550 --> 00:39:16.670 OK, so we're pretty evenly split

NOTE Confidence: 0.92571306

00:39:16.670 --> 00:39:20.270 here between always and sometimes.

NOTE Confidence: 0.92571306

00:39:20.270 --> 00:39:21.610 That, again, is pretty consistent

NOTE Confidence: 0.92571306

00:39:21.610 --> 00:39:23.429 with what I've seen in the past.

NOTE Confidence: 0.92571306

00:39:23.430 --> 00:39:25.950 Some people say, well,

NOTE Confidence: 0.92571306

00:39:25.950 --> 00:39:27.150 you're at an academic center,

NOTE Confidence: 0.92571306

00:39:27.150 --> 00:39:28.650 so it's implied that there's

NOTE Confidence: 0.92571306

00:39:28.650 --> 00:39:30.150 going to be teaching involved.

NOTE Confidence: 0.92571306

00:39:30.150 --> 00:39:31.358 And you don't necessarily

NOTE Confidence: 0.92571306

00:39:31.358 --> 00:39:32.868 need to ask every patient.

NOTE Confidence: 0.92571306

00:39:32.870 --> 00:39:34.220 Some people say the patient

NOTE Confidence: 0.92571306

00:39:34.220 --> 00:39:35.927 didn't get to choose to be

NOTE Confidence: 0.92571306

00:39:35.927 --> 00:39:37.427 admitted to an academic center.

NOTE Confidence: 0.92571306

00:39:37.430 --> 00:39:39.229 We may have just been the closest

NOTE Confidence: 0.92571306

00:39:39.229 --> 00:39:40.604 center to them and they would have

NOTE Confidence: 0.92571306

00:39:40.604 --> 00:39:41.707 preferred to be at a private hospital

NOTE Confidence: 0.92571306

00:39:41.707 --> 00:39:42.834 and want to be treated that way.

NOTE Confidence: 0.92571306

00:39:42.840 --> 00:39:44.824 So you always need to find out are

NOTE Confidence: 0.92571306

00:39:44.824 --> 00:39:46.820 they OK with being taught on Both
NOTE Confidence: 0.92571306

00:39:46.820 --> 00:39:48.640 points are valid and I'm not gonna
NOTE Confidence: 0.92571306

00:39:48.640 --> 00:39:50.796 make a case today for either one,
NOTE Confidence: 0.92571306

00:39:50.800 --> 00:39:52.792 but I'm gonna talk about how
NOTE Confidence: 0.92571306

00:39:52.792 --> 00:39:54.120 you consent to patients,
NOTE Confidence: 0.92571306

00:39:54.120 --> 00:39:55.278 if you want to consent them,
NOTE Confidence: 0.92571306

00:39:55.280 --> 00:39:56.876 if you feel that it's important.
NOTE Confidence: 0.92571306

00:39:56.880 --> 00:39:58.126 So what do you think you should
NOTE Confidence: 0.92571306

00:39:58.126 --> 00:39:59.200 include in that conversation?
NOTE Confidence: 0.78617215

00:40:22.640 --> 00:40:25.720 If they're up for it, What topic?
NOTE Confidence: 0.78617215

00:40:25.720 --> 00:40:28.120 Yeah. When they have questions,
NOTE Confidence: 0.78617215

00:40:28.120 --> 00:40:29.345 a quick description of what
NOTE Confidence: 0.78617215

00:40:29.345 --> 00:40:32.200 they should expect. Absolutely.
NOTE Confidence: 0.78617215

00:40:32.200 --> 00:40:33.880 Is it OK to talk just to learners?
NOTE Confidence: 0.78617215

00:40:33.880 --> 00:40:36.492 Yeah, More of an ascent.
NOTE Confidence: 0.78617215

00:40:36.492 --> 00:40:38.200 A brief expectation of what to expect.

NOTE Confidence: 0.78617215

00:40:38.200 --> 00:40:39.280 Rules of engagement.

NOTE Confidence: 0.78617215

00:40:39.280 --> 00:40:40.720 I like that phrase.

NOTE Confidence: 0.78617215

00:40:40.720 --> 00:40:42.280 Anything they want to avoid?

NOTE Confidence: 0.78617215

00:40:42.280 --> 00:40:43.576 Absolutely. Letting them know

NOTE Confidence: 0.78617215

00:40:43.576 --> 00:40:45.520 that others may be joining you.

NOTE Confidence: 0.78617215

00:40:45.520 --> 00:40:46.960 Giving a patient the scope of the visit,

NOTE Confidence: 0.78617215

00:40:46.960 --> 00:40:50.120 Informing them how many people will be there,

NOTE Confidence: 0.78617215

00:40:50.120 --> 00:40:51.395 anything they want to cover. Yeah.

NOTE Confidence: 0.78617215

00:40:51.395 --> 00:40:52.635 So what do you want to talk about?

NOTE Confidence: 0.78617215

00:40:52.640 --> 00:40:54.278 What don't you want to talk about?

NOTE Confidence: 0.78617215

00:40:54.280 --> 00:40:55.912 Assuring them that it's

NOTE Confidence: 0.78617215

00:40:55.912 --> 00:40:57.520 safe structure and timing.

NOTE Confidence: 0.78617215

00:40:57.520 --> 00:40:59.520 These are all excellent points,

NOTE Confidence: 0.78617215

00:40:59.520 --> 00:41:01.688 and I think you can cover most of

NOTE Confidence: 0.78617215

00:41:01.688 --> 00:41:03.000 these in a couple of sentences.

NOTE Confidence: 0.78617215

00:41:03.000 --> 00:41:04.660 So we're not talking about
NOTE Confidence: 0.78617215

00:41:04.660 --> 00:41:06.320 informed consent for surgery here,
NOTE Confidence: 0.78617215

00:41:06.320 --> 00:41:08.696 but we we are talking about
NOTE Confidence: 0.78617215

00:41:08.696 --> 00:41:10.280 some aspect of consent.
NOTE Confidence: 0.78617215

00:41:10.280 --> 00:41:11.756 Again, when you go to the literature on this,
NOTE Confidence: 0.78617215

00:41:11.760 --> 00:41:13.128 there's not a lot,
NOTE Confidence: 0.78617215

00:41:13.128 --> 00:41:14.838 but the literature suggests at
NOTE Confidence: 0.78617215

00:41:14.838 --> 00:41:16.679 least including three things.
NOTE Confidence: 0.78617215

00:41:16.680 --> 00:41:17.916 So one is, do they consent?
NOTE Confidence: 0.78617215

00:41:17.920 --> 00:41:18.720 Are they OK with that?
NOTE Confidence: 0.78617215

00:41:18.720 --> 00:41:21.120 Are they up for it? Can we do it now?
NOTE Confidence: 0.78617215

00:41:21.120 --> 00:41:23.296 Are they too tired?
NOTE Confidence: 0.78617215

00:41:23.296 --> 00:41:24.856 Whatever #2 is this choice,
NOTE Confidence: 0.78617215

00:41:24.856 --> 00:41:26.126 letting them know you can
NOTE Confidence: 0.78617215

00:41:26.126 --> 00:41:27.599 say yes or you can say no,
NOTE Confidence: 0.78617215

00:41:27.600 --> 00:41:30.302 and neither choice is going to affect

NOTE Confidence: 0.78617215

00:41:30.302 --> 00:41:31.800 your care in an appreciable way.

NOTE Confidence: 0.78617215

00:41:31.800 --> 00:41:33.328 We're going to care for you the same

NOTE Confidence: 0.78617215

00:41:33.328 --> 00:41:34.756 regardless of whether we do some teaching.

NOTE Confidence: 0.78617215

00:41:34.760 --> 00:41:36.706 And then the third is that even

NOTE Confidence: 0.78617215

00:41:36.706 --> 00:41:38.240 though there's a group here,

NOTE Confidence: 0.78617215

00:41:38.240 --> 00:41:40.622 you're and we may discuss you

NOTE Confidence: 0.78617215

00:41:40.622 --> 00:41:43.359 as a patient on post rounds.

NOTE Confidence: 0.78617215

00:41:43.360 --> 00:41:44.600 We're not going to spread

NOTE Confidence: 0.78617215

00:41:44.600 --> 00:41:45.592 your information to others.

NOTE Confidence: 0.78617215

00:41:45.600 --> 00:41:47.676 This is not going to go,

NOTE Confidence: 0.78617215

00:41:47.680 --> 00:41:48.510 you know,

NOTE Confidence: 0.78617215

00:41:48.510 --> 00:41:51.000 in somebody's Twitter account or whatever.

NOTE Confidence: 0.78617215

00:41:51.000 --> 00:41:52.687 So assert patients of that is really

NOTE Confidence: 0.78617215

00:41:52.687 --> 00:41:54.279 key and getting their consent and

NOTE Confidence: 0.78617215

00:41:54.279 --> 00:41:55.917 letting them know they have choice.

NOTE Confidence: 0.78617215

00:41:55.920 --> 00:41:57.845 If you include those three things and
NOTE Confidence: 0.78617215

00:41:57.845 --> 00:42:00.396 you can do that in one or two sentences,
NOTE Confidence: 0.78617215

00:42:00.400 --> 00:42:01.975 that's an adequate consent or
NOTE Confidence: 0.78617215

00:42:01.975 --> 00:42:04.392 something like this, The risk is low.
NOTE Confidence: 0.78617215

00:42:04.392 --> 00:42:06.600 The benefit is moderate to high
NOTE Confidence: 0.78617215

00:42:06.600 --> 00:42:08.320 and it's fairly straightforward.
NOTE Confidence: 0.4886087

00:42:10.440 --> 00:42:12.080 So you've consented the patient,
NOTE Confidence: 0.4886087

00:42:12.080 --> 00:42:13.091 you've selected them,
NOTE Confidence: 0.4886087

00:42:13.091 --> 00:42:14.439 you've established learning goals.
NOTE Confidence: 0.4886087

00:42:14.440 --> 00:42:16.760 They know what's coming.
NOTE Confidence: 0.4886087

00:42:16.760 --> 00:42:18.120 What do you actually do
NOTE Confidence: 0.4886087

00:42:18.120 --> 00:42:19.480 when you're at the bedside?
NOTE Confidence: 0.4886087

00:42:19.480 --> 00:42:21.034 So I think before you go in,
NOTE Confidence: 0.4886087

00:42:21.040 --> 00:42:23.041 just like you had a doorway review
NOTE Confidence: 0.4886087

00:42:23.041 --> 00:42:24.727 of the expectations you need to
NOTE Confidence: 0.4886087

00:42:24.727 --> 00:42:26.759 have or the learning objectives,

NOTE Confidence: 0.4886087

00:42:26.760 --> 00:42:28.092 you need to have a doorway

NOTE Confidence: 0.4886087

00:42:28.092 --> 00:42:28.758 review of expectations.

NOTE Confidence: 0.4886087

00:42:28.760 --> 00:42:30.713 What do we think the patient needs from this?

NOTE Confidence: 0.4886087

00:42:30.720 --> 00:42:31.960 And what did they tell

NOTE Confidence: 0.4886087

00:42:31.960 --> 00:42:33.200 us they want from this?

NOTE Confidence: 0.4886087

00:42:33.200 --> 00:42:35.186 And that includes what they wanted

NOTE Confidence: 0.4886087

00:42:35.186 --> 00:42:37.119 and what they wanted to avoid.

NOTE Confidence: 0.4886087

00:42:37.120 --> 00:42:38.400 When you get in there,

NOTE Confidence: 0.4886087

00:42:38.400 --> 00:42:39.678 make sure you involve the patient.

NOTE Confidence: 0.4886087

00:42:39.680 --> 00:42:41.228 We're going to talk about some

NOTE Confidence: 0.4886087

00:42:41.228 --> 00:42:43.000 ways to do that in a second.

NOTE Confidence: 0.4886087

00:42:43.000 --> 00:42:44.776 Also make sure as a way of involving

NOTE Confidence: 0.4886087

00:42:44.776 --> 00:42:46.106 them that you summarize what's

NOTE Confidence: 0.4886087

00:42:46.106 --> 00:42:48.038 going on so that they understand it.

NOTE Confidence: 0.4886087

00:42:48.040 --> 00:42:52.304 Translate jargon into patient

NOTE Confidence: 0.4886087

00:42:52.304 --> 00:42:53.920 centered language.
NOTE Confidence: 0.4886087

00:42:53.920 --> 00:42:55.390 Allow for the patients to ask
NOTE Confidence: 0.4886087

00:42:55.390 --> 00:42:56.657 you questions just like you
NOTE Confidence: 0.4886087

00:42:56.657 --> 00:42:58.309 allow for the learners to ask you
NOTE Confidence: 0.4886087

00:42:58.309 --> 00:42:59.627 questions and get feedback from
NOTE Confidence: 0.4886087

00:42:59.627 --> 00:43:00.957 the patient for the learner.
NOTE Confidence: 0.4886087

00:43:00.960 --> 00:43:04.120 What what did you like about the way
NOTE Confidence: 0.4886087

00:43:04.120 --> 00:43:06.672 this person examined you or what do you
NOTE Confidence: 0.4886087

00:43:06.672 --> 00:43:09.238 know now that you didn't know before?
NOTE Confidence: 0.4886087

00:43:09.240 --> 00:43:11.094 And so getting getting that feedback
NOTE Confidence: 0.4886087

00:43:11.094 --> 00:43:13.044 from the patient is really invaluable.
NOTE Confidence: 0.4886087

00:43:13.044 --> 00:43:15.312 That's probably the thing we get the
NOTE Confidence: 0.4886087

00:43:15.312 --> 00:43:17.624 least is effective patient feedback
NOTE Confidence: 0.4886087

00:43:17.624 --> 00:43:20.600 on what we're doing as clinicians.
NOTE Confidence: 0.4886087

00:43:20.600 --> 00:43:21.720 So seize that opportunity.
NOTE Confidence: 0.8135172

00:43:24.200 --> 00:43:25.775 This is a really interesting

NOTE Confidence: 0.8135172

00:43:25.775 --> 00:43:27.035 study that was done.

NOTE Confidence: 0.8135172

00:43:27.040 --> 00:43:28.840 It was an ethnographic study

NOTE Confidence: 0.8135172

00:43:28.840 --> 00:43:31.096 and it was done on teams that

NOTE Confidence: 0.8135172

00:43:31.096 --> 00:43:32.236 were teaching at the bedside.

NOTE Confidence: 0.8135172

00:43:32.240 --> 00:43:34.375 When they looked at videos of these

NOTE Confidence: 0.8135172

00:43:34.375 --> 00:43:36.148 teams and study their behaviors

NOTE Confidence: 0.8135172

00:43:36.148 --> 00:43:38.835 and what they found was that they

NOTE Confidence: 0.8135172

00:43:38.835 --> 00:43:40.875 really fit into two categories.

NOTE Confidence: 0.8135172

00:43:40.880 --> 00:43:43.316 So one was called patient as body

NOTE Confidence: 0.8135172

00:43:43.320 --> 00:43:45.140 and this is where the patient was

NOTE Confidence: 0.8135172

00:43:45.140 --> 00:43:46.760 used essentially as a teaching prop.

NOTE Confidence: 0.8135172

00:43:46.760 --> 00:43:49.028 So the patient was discussed in a

NOTE Confidence: 0.8135172

00:43:49.028 --> 00:43:51.100 separate way in a way that made

NOTE Confidence: 0.8135172

00:43:51.100 --> 00:43:52.995 them feel perhaps excluded from the

NOTE Confidence: 0.8135172

00:43:52.995 --> 00:43:55.075 conversation or didn't acknowledge them.

NOTE Confidence: 0.8135172

00:43:55.080 --> 00:43:57.156 Medical jargon was used and the
NOTE Confidence: 0.8135172

00:43:57.156 --> 00:43:59.160 patient was non verbally excluded.
NOTE Confidence: 0.8135172

00:43:59.160 --> 00:43:59.973 In other words,
NOTE Confidence: 0.8135172

00:43:59.973 --> 00:44:01.599 the team was clustered at the
NOTE Confidence: 0.8135172

00:44:01.599 --> 00:44:02.518 foot of the bed.
NOTE Confidence: 0.8135172

00:44:02.520 --> 00:44:04.122 They sometimes even blocked the patients
NOTE Confidence: 0.8135172

00:44:04.122 --> 00:44:06.278 out or had their backs to the patients,
NOTE Confidence: 0.8135172

00:44:06.280 --> 00:44:07.680 and they were discussing them
NOTE Confidence: 0.8135172

00:44:07.680 --> 00:44:09.080 as if they weren't there.
NOTE Confidence: 0.8135172

00:44:09.080 --> 00:44:10.320 The patient and body group,
NOTE Confidence: 0.8135172

00:44:10.320 --> 00:44:11.744 on the other hand,
NOTE Confidence: 0.8135172

00:44:11.744 --> 00:44:13.880 was many of the opposite behaviors.
NOTE Confidence: 0.8135172

00:44:13.880 --> 00:44:16.036 So they invited the patient to contribute.
NOTE Confidence: 0.8135172

00:44:16.040 --> 00:44:17.633 They asked them to tell part of their story.
NOTE Confidence: 0.8135172

00:44:17.640 --> 00:44:19.920 They asked them if the story was correct.
NOTE Confidence: 0.8135172

00:44:19.920 --> 00:44:22.657 They asked them to explain or describe

NOTE Confidence: 0.8135172

00:44:22.657 --> 00:44:24.480 their experience being examined.

NOTE Confidence: 0.8135172

00:44:24.480 --> 00:44:27.600 They avoided or at least explained,

NOTE Confidence: 0.8135172

00:44:27.600 --> 00:44:28.928 medical jargon and terminology,

NOTE Confidence: 0.8135172

00:44:28.928 --> 00:44:31.440 and they included the patient non verbally.

NOTE Confidence: 0.8135172

00:44:31.440 --> 00:44:32.824 They surrounded the bedside.

NOTE Confidence: 0.8135172

00:44:32.824 --> 00:44:35.231 They formed almost a circle with the

NOTE Confidence: 0.8135172

00:44:35.231 --> 00:44:37.114 patient at the head of the circle,

NOTE Confidence: 0.8135172

00:44:37.120 --> 00:44:38.884 and so the patient felt as if

NOTE Confidence: 0.8135172

00:44:38.884 --> 00:44:40.679 they were part of the encounter.

NOTE Confidence: 0.8135172

00:44:40.680 --> 00:44:40.915 Obviously,

NOTE Confidence: 0.8135172

00:44:40.915 --> 00:44:42.560 you know which one is more effective.

NOTE Confidence: 0.8135172

00:44:42.560 --> 00:44:44.360 I think that is not the point of the study.

NOTE Confidence: 0.8135172

00:44:44.360 --> 00:44:47.720 But the point is it's really

NOTE Confidence: 0.8135172

00:44:47.720 --> 00:44:49.945 easy to drift toward patient as

NOTE Confidence: 0.8135172

00:44:49.945 --> 00:44:51.277 body when you're busy,

NOTE Confidence: 0.8135172

00:44:51.280 --> 00:44:53.200 when things are complicated,
NOTE Confidence: 0.8135172

00:44:53.200 --> 00:44:56.605 when the diagnosis is difficult or you
NOTE Confidence: 0.8135172

00:44:56.605 --> 00:44:59.755 feel awkward or anxious about teaching.
NOTE Confidence: 0.8135172

00:44:59.760 --> 00:45:02.518 So really paying attention to your behaviors,
NOTE Confidence: 0.8135172

00:45:02.520 --> 00:45:05.022 setting someone up to monitor these
NOTE Confidence: 0.8135172

00:45:05.022 --> 00:45:07.660 behaviors and remind the team to include
NOTE Confidence: 0.8135172

00:45:07.660 --> 00:45:09.520 the patient can be really effective.
NOTE Confidence: 0.8135172

00:45:09.520 --> 00:45:10.612 And that can be a role that
NOTE Confidence: 0.8135172

00:45:10.612 --> 00:45:11.640 you give to the learners,
NOTE Confidence: 0.8135172

00:45:11.640 --> 00:45:13.896 which then has the extra benefit
NOTE Confidence: 0.8135172

00:45:13.896 --> 00:45:16.596 of teaching them how to be good
NOTE Confidence: 0.8135172

00:45:16.596 --> 00:45:18.471 bedside teachers when they step
NOTE Confidence: 0.8135172

00:45:18.471 --> 00:45:20.717 into those shoes down the line.
NOTE Confidence: 0.8135172

00:45:20.720 --> 00:45:22.826 So once you've executed good bedside
NOTE Confidence: 0.8135172

00:45:22.826 --> 00:45:25.079 teaching in a patient centered way,
NOTE Confidence: 0.8135172

00:45:25.080 --> 00:45:26.598 then you want to debrief it.

NOTE Confidence: 0.8135172

00:45:26.600 --> 00:45:28.465 So discuss the learner reactions

NOTE Confidence: 0.8135172

00:45:28.465 --> 00:45:29.957 to the patient experience.

NOTE Confidence: 0.8135172

00:45:29.960 --> 00:45:30.568 And again,

NOTE Confidence: 0.8135172

00:45:30.568 --> 00:45:33.000 this can be done outside of the room,

NOTE Confidence: 0.8135172

00:45:33.000 --> 00:45:35.238 but what what do you think

NOTE Confidence: 0.8135172

00:45:35.240 --> 00:45:36.398 the patient got out of that?

NOTE Confidence: 0.8135172

00:45:36.400 --> 00:45:37.800 Did they seem uncomfortable at any point?

NOTE Confidence: 0.8135172

00:45:37.800 --> 00:45:39.420 What could we do better to

NOTE Confidence: 0.8135172

00:45:39.420 --> 00:45:40.999 embody them instead of as body,

NOTE Confidence: 0.38907716

00:45:43.440 --> 00:45:45.080 things like that and then

NOTE Confidence: 0.38907716

00:45:45.080 --> 00:45:46.720 reflect on what you learned?

NOTE Confidence: 0.38907716

00:45:46.720 --> 00:45:47.996 Again, reflection is key,

NOTE Confidence: 0.38907716

00:45:47.996 --> 00:45:50.666 so you have to allow time and guidance

NOTE Confidence: 0.38907716

00:45:50.666 --> 00:45:52.730 and space for that reflection in

NOTE Confidence: 0.38907716

00:45:52.730 --> 00:45:55.115 order for them to solidify and

NOTE Confidence: 0.38907716

00:45:55.115 --> 00:45:56.743 create these abstract concepts
NOTE Confidence: 0.38907716

00:45:56.743 --> 00:45:58.386 and encourage and incorporate
NOTE Confidence: 0.38907716

00:45:58.386 --> 00:46:00.038 them into future activities.
NOTE Confidence: 0.38907716

00:46:02.120 --> 00:46:03.476 So again, this is the dynamic
NOTE Confidence: 0.38907716

00:46:03.476 --> 00:46:04.154 that you're moderating.
NOTE Confidence: 0.38907716

00:46:04.160 --> 00:46:06.264 It's a teacher learner,
NOTE Confidence: 0.38907716

00:46:06.264 --> 00:46:07.316 patient triad.
NOTE Confidence: 0.38907716

00:46:07.320 --> 00:46:09.192 It's both patient centered.
NOTE Confidence: 0.38907716

00:46:09.192 --> 00:46:10.596 It's learner centered.
NOTE Confidence: 0.38907716

00:46:10.600 --> 00:46:11.760 You're watching all these
NOTE Confidence: 0.38907716

00:46:11.760 --> 00:46:13.157 things happen at once, right?
NOTE Confidence: 0.38907716

00:46:13.157 --> 00:46:15.053 And This is why I think bedside teaching
NOTE Confidence: 0.38907716

00:46:15.053 --> 00:46:17.000 is so challenging and so intimidating,
NOTE Confidence: 0.38907716

00:46:17.000 --> 00:46:18.028 but also so beautiful
NOTE Confidence: 0.38907716

00:46:18.028 --> 00:46:19.313 when it comes off well.
NOTE Confidence: 0.5785989

00:46:21.520 --> 00:46:24.000 So we'll drop this hand out in the chat now,

NOTE Confidence: 0.5785989

00:46:24.000 --> 00:46:26.840 but I I made you a quick little

NOTE Confidence: 0.5785989

00:46:26.840 --> 00:46:29.960 reference card for how to do

NOTE Confidence: 0.5785989

00:46:29.960 --> 00:46:31.520 effective bedside teaching.

NOTE Confidence: 0.5785989

00:46:31.520 --> 00:46:34.240 And if you can really pay attention to

NOTE Confidence: 0.5785989

00:46:34.240 --> 00:46:36.714 these steps and this is everything that we

NOTE Confidence: 0.5785989

00:46:36.714 --> 00:46:39.316 just talked about in sort of a table format.

NOTE Confidence: 0.5785989

00:46:39.320 --> 00:46:41.640 So be both learner centered,

NOTE Confidence: 0.5785989

00:46:41.640 --> 00:46:43.908 follow the three steps and you're going

NOTE Confidence: 0.5785989

00:46:43.908 --> 00:46:46.370 to find yourself being a much more

NOTE Confidence: 0.5785989

00:46:46.370 --> 00:46:48.342 effective bedside teacher and also

NOTE Confidence: 0.5785989

00:46:48.342 --> 00:46:50.597 feeling more comfortable doing it.

NOTE Confidence: 0.5785989

00:46:50.600 --> 00:46:52.820 And really we're moving toward

NOTE Confidence: 0.5785989

00:46:52.820 --> 00:46:55.040 that ideal where you're spending,

NOTE Confidence: 0.5785989

00:46:55.040 --> 00:46:57.420 you know, more than half of your

NOTE Confidence: 0.5785989

00:46:57.420 --> 00:46:59.998 time teaching in front of a patient.

NOTE Confidence: 0.5785989

00:47:00.000 --> 00:47:00.840 Now you still have to round,
NOTE Confidence: 0.5785989

00:47:00.840 --> 00:47:01.960 you still have to do all these things,
NOTE Confidence: 0.5785989

00:47:01.960 --> 00:47:04.270 but I think you can really incorporate
NOTE Confidence: 0.5785989

00:47:04.270 --> 00:47:06.207 it more if you're efficient
NOTE Confidence: 0.5785989

00:47:06.207 --> 00:47:07.959 and effective with it.
NOTE Confidence: 0.5785989

00:47:07.960 --> 00:47:09.180 Some additional best practices
NOTE Confidence: 0.5785989

00:47:09.180 --> 00:47:10.400 that may seem obvious,
NOTE Confidence: 0.5785989

00:47:10.400 --> 00:47:12.840 but I just want to kind of cover,
NOTE Confidence: 0.5785989

00:47:12.840 --> 00:47:15.264 introduce the team,
NOTE Confidence: 0.5785989

00:47:15.264 --> 00:47:17.840 introduce yourselves, explain your roles.
NOTE Confidence: 0.5785989

00:47:17.840 --> 00:47:19.480 You know, I'm a medical student,
NOTE Confidence: 0.5785989

00:47:19.480 --> 00:47:20.480 I'm the attending physician.
NOTE Confidence: 0.5785989

00:47:20.480 --> 00:47:22.400 What does attending physician mean?
NOTE Confidence: 0.5785989

00:47:22.400 --> 00:47:24.110 Things like that are really
NOTE Confidence: 0.5785989

00:47:24.110 --> 00:47:25.478 important for the patients.
NOTE Confidence: 0.5785989

00:47:25.480 --> 00:47:26.455 Let them interrupt.

NOTE Confidence: 0.5785989

00:47:26.455 --> 00:47:27.755 Let them stop you.

NOTE Confidence: 0.5785989

00:47:27.760 --> 00:47:30.756 Let learners interrupt too and ask questions.

NOTE Confidence: 0.5785989

00:47:30.760 --> 00:47:34.318 Be a model for how to interact with patients.

NOTE Confidence: 0.5785989

00:47:34.318 --> 00:47:36.182 Sometimes that's the bedside

NOTE Confidence: 0.5785989

00:47:36.182 --> 00:47:38.400 teaching is we're not going to

NOTE Confidence: 0.5785989

00:47:38.400 --> 00:47:40.000 all examine the patient today,

NOTE Confidence: 0.5785989

00:47:40.000 --> 00:47:42.172 but I'm going to model how to.

NOTE Confidence: 0.5785989

00:47:42.172 --> 00:47:43.820 Well, first of all, you can be practical.

NOTE Confidence: 0.5785989

00:47:43.820 --> 00:47:45.480 I'm going to model how to drape the patient.

NOTE Confidence: 0.5785989

00:47:45.480 --> 00:47:47.910 I'm going to model how I listen to the four

NOTE Confidence: 0.5785989

00:47:47.973 --> 00:47:50.235 or five points for cardiac auscultation.

NOTE Confidence: 0.53001463

00:47:52.320 --> 00:47:54.854 Or you can model behaviors so you

NOTE Confidence: 0.53001463

00:47:54.854 --> 00:47:56.680 can model humanistic behaviors.

NOTE Confidence: 0.53001463

00:47:56.680 --> 00:48:00.224 I want to show you how I disclose a

NOTE Confidence: 0.53001463

00:48:00.224 --> 00:48:02.410 difficult diagnosis or I want to show

NOTE Confidence: 0.53001463

00:48:02.410 --> 00:48:04.920 you how I educate a family and a patient

NOTE Confidence: 0.53001463

00:48:04.920 --> 00:48:09.000 at the same time when one is much more

NOTE Confidence: 0.53001463

00:48:09.000 --> 00:48:12.320 you know up to speed on the diagnosis.

NOTE Confidence: 0.53001463

00:48:12.320 --> 00:48:13.664 Give your learners homework.

NOTE Confidence: 0.53001463

00:48:13.664 --> 00:48:15.680 You don't have to teach everything.

NOTE Confidence: 0.53001463

00:48:15.680 --> 00:48:18.039 And remember we said at the beginning

NOTE Confidence: 0.53001463

00:48:18.040 --> 00:48:19.580 self-directed learning is part

NOTE Confidence: 0.53001463

00:48:19.580 --> 00:48:21.120 of learner centered teaching.

NOTE Confidence: 0.53001463

00:48:21.120 --> 00:48:22.800 So really saying you know we

NOTE Confidence: 0.53001463

00:48:22.800 --> 00:48:23.640 learned this today.

NOTE Confidence: 0.53001463

00:48:23.640 --> 00:48:25.038 If you want to learn more,

NOTE Confidence: 0.53001463

00:48:25.040 --> 00:48:28.672 go check out this chapter in Bates physical

NOTE Confidence: 0.53001463

00:48:28.672 --> 00:48:31.515 examination or go check out this study.

NOTE Confidence: 0.53001463

00:48:31.515 --> 00:48:34.090 It was landmark trial on

NOTE Confidence: 0.53001463

00:48:34.090 --> 00:48:35.635 optic thyritis treatments.

NOTE Confidence: 0.53001463

00:48:35.640 --> 00:48:38.077 Pick your pick your poison and then you

NOTE Confidence: 0.53001463

00:48:38.077 --> 00:48:40.040 can follow up later with resources as well.

NOTE Confidence: 0.53001463

00:48:40.040 --> 00:48:41.910 So one thing I like to do this is not

NOTE Confidence: 0.53001463

00:48:41.968 --> 00:48:43.413 really related to bedside teaching

NOTE Confidence: 0.53001463

00:48:43.413 --> 00:48:45.715 but is start an e-mail chain at the

NOTE Confidence: 0.53001463

00:48:45.715 --> 00:48:47.323 beginning of a rotation with everyone

NOTE Confidence: 0.53001463

00:48:47.323 --> 00:48:49.824 on the team and so then you have access

NOTE Confidence: 0.53001463

00:48:49.824 --> 00:48:52.200 to giving them some resources later on,

NOTE Confidence: 0.53001463

00:48:52.200 --> 00:48:52.752 you know here.

NOTE Confidence: 0.53001463

00:48:52.752 --> 00:48:53.120 Hey guys,

NOTE Confidence: 0.53001463

00:48:53.120 --> 00:48:55.020 here's the chapter from my

NOTE Confidence: 0.53001463

00:48:55.020 --> 00:48:56.920 favorite book on this topic.

NOTE Confidence: 0.53001463

00:48:56.920 --> 00:48:57.880 Check it out.

NOTE Confidence: 0.53001463

00:48:57.880 --> 00:49:00.392 And so you can really teach them how to

NOTE Confidence: 0.53001463

00:49:00.392 --> 00:49:01.760 become self-directed learners in that way.

NOTE Confidence: 0.76607585

00:49:04.440 --> 00:49:05.763 I'll close with a quote and then

NOTE Confidence: 0.76607585

00:49:05.763 --> 00:49:07.118 I'll leave some time for questions.

NOTE Confidence: 0.76607585

00:49:07.120 --> 00:49:08.640 Unless everyone, patient included,

NOTE Confidence: 0.76607585

00:49:08.640 --> 00:49:10.920 feels better after the bedside rounds.

NOTE Confidence: 0.76607585

00:49:10.920 --> 00:49:12.760 Those rounds were not successful.

NOTE Confidence: 0.76607585

00:49:12.760 --> 00:49:14.839 So we all want to feel good about what

NOTE Confidence: 0.76607585

00:49:14.839 --> 00:49:16.929 we're doing as bedside teachers and make

NOTE Confidence: 0.76607585

00:49:16.929 --> 00:49:18.918 sure the patient feels good for them.

NOTE Confidence: 0.76607585

00:49:18.920 --> 00:49:21.160 So I'll allow some time for questions.

NOTE Confidence: 0.76607585

00:49:21.160 --> 00:49:24.440 I have two closing slides.

NOTE Confidence: 0.76607585

00:49:24.440 --> 00:49:27.440 This is one we would love to hear

NOTE Confidence: 0.76607585

00:49:27.440 --> 00:49:28.520 what you thought about this session,

NOTE Confidence: 0.76607585

00:49:28.520 --> 00:49:30.092 what you think about the curriculum

NOTE Confidence: 0.76607585

00:49:30.092 --> 00:49:31.765 as a whole and any feedback.

NOTE Confidence: 0.76607585

00:49:31.765 --> 00:49:33.240 So feel free to scan.

NOTE Confidence: 0.76607585

00:49:33.240 --> 00:49:36.160 The QR code is also in the chat,

NOTE Confidence: 0.76607585

00:49:36.160 --> 00:49:36.880 as is the link.

NOTE Confidence: 0.71590155

00:49:39.280 --> 00:49:40.280 Any questions

NOTE Confidence: 0.71590155

00:49:43.800 --> 00:49:47.520 or comments or stories, whatever.

NOTE Confidence: 0.71590155

00:49:51.640 --> 00:49:54.280 I have a question, Jeff. Yeah. Is it

NOTE Confidence: 0.4899435

00:49:54.280 --> 00:49:56.704 ever OK for students to be

NOTE Confidence: 0.4899435

00:49:56.704 --> 00:49:58.320 using personal devices like,

NOTE Confidence: 0.4899435

00:49:58.320 --> 00:50:00.560 you know like a phone to look up

NOTE Confidence: 0.4899435

00:50:00.560 --> 00:50:01.944 something about the condition

NOTE Confidence: 0.4899435

00:50:01.944 --> 00:50:04.680 in in the front of in front of

NOTE Confidence: 0.4899435

00:50:04.680 --> 00:50:06.724 the patient or do you do you

NOTE Confidence: 0.4899435

00:50:06.724 --> 00:50:08.720 steer students away from that?

NOTE Confidence: 0.4899435

00:50:10.000 --> 00:50:12.080 I think it's inevitable.

NOTE Confidence: 0.4899435

00:50:12.080 --> 00:50:13.914 I'm, I'm not a fan of it,

NOTE Confidence: 0.4899435

00:50:13.920 --> 00:50:17.520 but I also think that especially with AI,

NOTE Confidence: 0.4899435

00:50:17.520 --> 00:50:18.920 there's no way around it.

NOTE Confidence: 0.4899435

00:50:18.920 --> 00:50:20.108 So I I do think we have to explain

NOTE Confidence: 0.4899435

00:50:20.108 --> 00:50:21.316 to the patient what we're doing.
NOTE Confidence: 0.4899435

00:50:21.320 --> 00:50:22.655 You know, there's these signs
NOTE Confidence: 0.4899435

00:50:22.655 --> 00:50:24.516 at the bedside that say we may
NOTE Confidence: 0.4899435

00:50:24.516 --> 00:50:25.914 be on our phones and whatever,
NOTE Confidence: 0.4899435

00:50:25.920 --> 00:50:27.120 but I don't think that's the same thing.
NOTE Confidence: 0.4899435

00:50:27.120 --> 00:50:29.316 I think you need if you see it happening,
NOTE Confidence: 0.4899435

00:50:29.320 --> 00:50:30.967 you need to call it out in a way
NOTE Confidence: 0.4899435

00:50:30.967 --> 00:50:32.600 that explains why it's happening.
NOTE Confidence: 0.4899435

00:50:32.600 --> 00:50:34.714 So you know, just so you know,
NOTE Confidence: 0.4899435

00:50:34.720 --> 00:50:36.816 X here is is looking up the generic
NOTE Confidence: 0.4899435

00:50:36.816 --> 00:50:38.276 dosing of your medication so
NOTE Confidence: 0.4899435

00:50:38.276 --> 00:50:40.313 that they can learn it from it.
NOTE Confidence: 0.4899435

00:50:40.320 --> 00:50:43.272 But I I don't prohibit it, you know,
NOTE Confidence: 0.4899435

00:50:43.272 --> 00:50:45.000 probably because I want to do it myself.
NOTE Confidence: 0.4899435

00:50:45.000 --> 00:50:48.008 Sometimes when I need to look up a
NOTE Confidence: 0.4899435

00:50:48.008 --> 00:50:50.760 dosing or remind myself of of something,

NOTE Confidence: 0.6813033325

00:50:56.040 --> 00:50:59.634 if I may, there's something very

NOTE Confidence: 0.6813033325

00:50:59.634 --> 00:51:01.896 interesting I learned in discussion with

NOTE Confidence: 0.6813033325

00:51:01.896 --> 00:51:04.158 a medical anthropologist years ago,

NOTE Confidence: 0.6813033325

00:51:04.160 --> 00:51:07.534 which is that he felt 2 defining

NOTE Confidence: 0.6813033325

00:51:07.534 --> 00:51:08.980 characteristics of medical

NOTE Confidence: 0.6813033325

00:51:09.065 --> 00:51:11.600 caregivers were shame and fear,

NOTE Confidence: 0.6813033325

00:51:11.600 --> 00:51:16.112 and caregivers go to great extents to avoid

NOTE Confidence: 0.6813033325

00:51:16.112 --> 00:51:21.160 any situation that might provoke that.

NOTE Confidence: 0.6813033325

00:51:21.160 --> 00:51:25.040 But what's also interesting is,

NOTE Confidence: 0.6813033325

00:51:25.040 --> 00:51:26.128 you know, for example,

NOTE Confidence: 0.6813033325

00:51:26.128 --> 00:51:28.114 not knowing what to answer and you

NOTE Confidence: 0.6813033325

00:51:28.114 --> 00:51:29.914 touched on that in your presentation,

NOTE Confidence: 0.6813033325

00:51:29.920 --> 00:51:32.230 you know, not having a pad answer

NOTE Confidence: 0.6813033325

00:51:32.230 --> 00:51:33.640 for everything that's asked.

NOTE Confidence: 0.5890017

00:51:35.400 --> 00:51:36.760 But what I've discovered

NOTE Confidence: 0.5890017

00:51:36.840 --> 00:51:40.632 in teaching and also directly work
NOTE Confidence: 0.5890017

00:51:40.632 --> 00:51:44.208 with patients is that it's a no lose.
NOTE Confidence: 0.5890017

00:51:44.208 --> 00:51:46.398 If you tell your patient, gosh,
NOTE Confidence: 0.5890017

00:51:46.400 --> 00:51:49.025 that's a great question and you know
NOTE Confidence: 0.5890017

00:51:49.025 --> 00:51:50.872 something we're going to get the best
NOTE Confidence: 0.5890017

00:51:50.872 --> 00:51:53.240 and most up to date answer for that.
NOTE Confidence: 0.5890017

00:51:53.240 --> 00:51:55.280 You know, patients will often comment
NOTE Confidence: 0.5890017

00:51:55.280 --> 00:51:58.234 and say wow, that's a good doctor.
NOTE Confidence: 0.5890017

00:51:58.234 --> 00:52:01.248 He admits if he doesn't know and
NOTE Confidence: 0.5890017

00:52:01.248 --> 00:52:03.990 he looks it up that you know.
NOTE Confidence: 0.5890017

00:52:03.990 --> 00:52:08.011 So I just wanted to share that in in case
NOTE Confidence: 0.5890017

00:52:08.011 --> 00:52:10.394 it encourages other people, you know,
NOTE Confidence: 0.5890017

00:52:10.394 --> 00:52:12.473 to recognize it's really a no lose,
NOTE Confidence: 0.5890017

00:52:12.480 --> 00:52:14.520 it's a win win no matter
NOTE Confidence: 0.5890017

00:52:14.520 --> 00:52:15.880 where the chips fall.
NOTE Confidence: 0.38172263

00:52:18.080 --> 00:52:19.115 Yeah. Thank you.

NOTE Confidence: 0.38172263

00:52:19.115 --> 00:52:20.840 I I couldn't agree more.

NOTE Confidence: 0.38172263

00:52:20.840 --> 00:52:24.040 And I think as we talk about modeling,

NOTE Confidence: 0.38172263

00:52:24.040 --> 00:52:26.440 what an opportunity to model

NOTE Confidence: 0.38172263

00:52:26.440 --> 00:52:28.498 how to be a physician in the

NOTE Confidence: 0.38172263

00:52:28.498 --> 00:52:30.000 time of information overload,

NOTE Confidence: 0.38172263

00:52:30.000 --> 00:52:31.435 you're not going to know every answer.

NOTE Confidence: 0.38172263

00:52:31.440 --> 00:52:33.392 And so modeling how to go look for

NOTE Confidence: 0.38172263

00:52:33.392 --> 00:52:34.810 it and it reassure your patient that

NOTE Confidence: 0.38172263

00:52:34.810 --> 00:52:36.238 you're going to find it is really key.

NOTE Confidence: 0.5424277

00:52:44.120 --> 00:52:46.070 I see a comment in the chat, advice for

NOTE Confidence: 0.5424277

00:52:46.070 --> 00:52:48.275 a teaching session that didn't go well,

NOTE Confidence: 0.5424277

00:52:48.280 --> 00:52:50.158 that someone unexpectedly upset the patient.

NOTE Confidence: 0.5424277

00:52:50.160 --> 00:52:51.320 Of course of all apologize.

NOTE Confidence: 0.5424277

00:52:51.320 --> 00:52:52.892 Would you avoid teaching with them

NOTE Confidence: 0.5424277

00:52:52.892 --> 00:52:54.640 in the future? So it's funny.

NOTE Confidence: 0.5424277

00:52:54.640 --> 00:52:56.880 I created scenarios in case we finished
NOTE Confidence: 0.5424277

00:52:56.947 --> 00:52:59.555 early to talk about One was digital devices,
NOTE Confidence: 0.5424277

00:52:59.560 --> 00:53:00.356 and we've covered that.
NOTE Confidence: 0.5424277

00:53:00.356 --> 00:53:01.800 This was one of the other ones.
NOTE Confidence: 0.5424277

00:53:01.800 --> 00:53:04.650 What happens when you unexpectedly upset
NOTE Confidence: 0.5424277

00:53:04.650 --> 00:53:06.784 a patient during a teaching encounter?
NOTE Confidence: 0.5424277

00:53:06.784 --> 00:53:08.914 And there I can imagine many ways
NOTE Confidence: 0.5424277

00:53:08.914 --> 00:53:10.527 where that could happen, right?
NOTE Confidence: 0.5424277

00:53:10.527 --> 00:53:13.376 So if you're teaching the exam and
NOTE Confidence: 0.5424277

00:53:13.376 --> 00:53:14.760 something uncomfortable happens,
NOTE Confidence: 0.5424277

00:53:14.760 --> 00:53:18.438 you hurt them or cause pain.
NOTE Confidence: 0.5424277

00:53:18.440 --> 00:53:20.664 If you are disclosing A diagnosis that you
NOTE Confidence: 0.5424277

00:53:20.664 --> 00:53:22.639 thought they knew about and they didn't,
NOTE Confidence: 0.5424277

00:53:22.640 --> 00:53:25.208 we're discussing it in an offhand way or
NOTE Confidence: 0.5424277

00:53:25.208 --> 00:53:26.944 you just say something that rubs them
NOTE Confidence: 0.5424277

00:53:26.944 --> 00:53:29.074 the wrong way and they get upset about it.

NOTE Confidence: 0.5424277

00:53:29.080 --> 00:53:29.722 I I agree.

NOTE Confidence: 0.5424277

00:53:29.722 --> 00:53:31.006 I think you of course have

NOTE Confidence: 0.5424277

00:53:31.006 --> 00:53:32.559 to apologize in the moment.

NOTE Confidence: 0.5424277

00:53:32.560 --> 00:53:34.992 I think you need to debrief that with

NOTE Confidence: 0.5424277

00:53:34.992 --> 00:53:36.878 the learners after the experience

NOTE Confidence: 0.5424277

00:53:36.880 --> 00:53:38.880 and say what happened here,

NOTE Confidence: 0.5424277

00:53:38.880 --> 00:53:40.035 you know first of all normalize it.

NOTE Confidence: 0.5424277

00:53:40.040 --> 00:53:42.128 This is going to happen even

NOTE Confidence: 0.5424277

00:53:42.128 --> 00:53:43.280 in non teaching encounters.

NOTE Confidence: 0.5424277

00:53:43.280 --> 00:53:44.060 You're going to,

NOTE Confidence: 0.5424277

00:53:44.060 --> 00:53:47.052 you're going to upset patients by accident.

NOTE Confidence: 0.5424277

00:53:47.052 --> 00:53:48.960 And so normalizing that,

NOTE Confidence: 0.5424277

00:53:48.960 --> 00:53:49.360 modeling,

NOTE Confidence: 0.5424277

00:53:49.360 --> 00:53:52.160 reviewing the behavior that you modeled on,

NOTE Confidence: 0.5424277

00:53:52.160 --> 00:53:54.662 how to re establish the relationship

NOTE Confidence: 0.5424277

00:53:54.662 --> 00:53:57.365 with the patient in the room and
NOTE Confidence: 0.5424277

00:53:57.365 --> 00:53:59.555 then getting their feelings about it.
NOTE Confidence: 0.5424277

00:53:59.560 --> 00:54:01.320 Some students may be upset,
NOTE Confidence: 0.5424277

00:54:01.320 --> 00:54:03.650 some may feel that it was, you know,
NOTE Confidence: 0.5424277

00:54:03.650 --> 00:54:05.075 totally justified, the patient's reaction,
NOTE Confidence: 0.5424277

00:54:05.080 --> 00:54:06.880 obviously feel it was unjustified,
NOTE Confidence: 0.5424277

00:54:06.880 --> 00:54:07.200 etcetera.
NOTE Confidence: 0.5424277

00:54:07.200 --> 00:54:09.440 But as creditors put in the chat,
NOTE Confidence: 0.5424277

00:54:09.440 --> 00:54:11.612 modeling humility in the face of
NOTE Confidence: 0.5424277

00:54:11.612 --> 00:54:13.998 all those reactions I think is key.
NOTE Confidence: 0.5424277

00:54:14.000 --> 00:54:16.394 And would I avoid teaching with them?
NOTE Confidence: 0.5424277

00:54:16.400 --> 00:54:17.240 I don't think I would,
NOTE Confidence: 0.5424277

00:54:17.240 --> 00:54:20.188 but I think I would definitely be a little
NOTE Confidence: 0.5424277

00:54:20.188 --> 00:54:22.639 more explicit than my consent the next time,
NOTE Confidence: 0.5424277

00:54:22.640 --> 00:54:24.800 you know, hey, we're back.
NOTE Confidence: 0.5424277

00:54:24.800 --> 00:54:27.194 I know last time didn't go well,

NOTE Confidence: 0.5424277

00:54:27.200 --> 00:54:28.544 but I think it'd be really

NOTE Confidence: 0.5424277

00:54:28.544 --> 00:54:29.880 important for us to do this.

NOTE Confidence: 0.5424277

00:54:29.880 --> 00:54:32.118 Would you be OK with it?

NOTE Confidence: 0.5424277

00:54:32.120 --> 00:54:33.128 I think that's appropriate.

NOTE Confidence: 0.5424277

00:54:33.128 --> 00:54:35.119 I don't think you need to avoid it.

NOTE Confidence: 0.5424277

00:54:35.120 --> 00:54:36.650 If you feel more comfortable avoiding

NOTE Confidence: 0.5424277

00:54:36.650 --> 00:54:38.320 it or the patient says no more,

NOTE Confidence: 0.5424277

00:54:38.320 --> 00:54:39.919 then you're done.

NOTE Confidence: 0.5424277

00:54:39.920 --> 00:54:42.279 But at least asking is really important.

NOTE Confidence: 0.3307621

00:54:53.720 --> 00:54:54.450 While we're in the last

NOTE Confidence: 0.3307621

00:54:54.450 --> 00:54:55.034 couple of minutes here,

NOTE Confidence: 0.3307621

00:54:55.040 --> 00:54:56.633 I'm just going to switch to the last slide,

NOTE Confidence: 0.3307621

00:54:56.640 --> 00:55:00.120 which is a schedule of upcoming

NOTE Confidence: 0.3307621

00:55:00.120 --> 00:55:01.542 events because I know people are

NOTE Confidence: 0.3307621

00:55:01.542 --> 00:55:03.400 going to drop off to get the places.

NOTE Confidence: 0.3307621

00:55:03.400 --> 00:55:05.862 So the next event is Thursday,
NOTE Confidence: 0.3307621

00:55:05.862 --> 00:55:07.674 November 17th and then you'll see
NOTE Confidence: 0.3307621

00:55:07.674 --> 00:55:09.640 there's another one scheduled for Friday,
NOTE Confidence: 0.3307621

00:55:09.640 --> 00:55:12.200 December 1st.
NOTE Confidence: 0.3307621

00:55:12.200 --> 00:55:15.077 And you can see all of the,
NOTE Confidence: 0.3307621

00:55:15.080 --> 00:55:16.718 you can register and see all the
NOTE Confidence: 0.3307621

00:55:16.718 --> 00:55:18.438 information at the QR code on the right.
NOTE Confidence: 0.8265391

00:55:21.720 --> 00:55:24.080 Any last thoughts or comments?
NOTE Confidence: 0.8265391

00:55:24.080 --> 00:55:25.837 I really appreciate all of you participating.
NOTE Confidence: 0.8265391

00:55:25.840 --> 00:55:28.368 I got to say, you know,
NOTE Confidence: 0.8265391

00:55:28.368 --> 00:55:31.440 I'm by no means the master of this.
NOTE Confidence: 0.8265391

00:55:31.440 --> 00:55:34.030 And so I think the hive mind is really the
NOTE Confidence: 0.8265391

00:55:34.098 --> 00:55:36.386 way to go as we develop best practices.
NOTE Confidence: 0.8265391

00:55:36.386 --> 00:55:38.840 So thank you for for humoring me.
NOTE Confidence: 0.5546295

00:55:40.280 --> 00:55:42.519 Or if you're a Marvel fan. The UNI brain.
NOTE Confidence: 0.5546295

00:55:43.160 --> 00:55:44.396 The UNI brain. I love it.

NOTE Confidence: 0.5546295

00:55:51.360 --> 00:55:52.239 All right, well,

NOTE Confidence: 0.5546295

00:55:52.239 --> 00:55:53.997 maybe we'll wrap it there then.

NOTE Confidence: 0.5546295

00:55:54.000 --> 00:55:54.906 Thank you, everybody.

NOTE Confidence: 0.5546295

00:55:54.906 --> 00:55:56.114 Thanks for being here.

NOTE Confidence: 0.5546295

00:55:56.120 --> 00:55:57.758 Thanks for coming to the sessions.

NOTE Confidence: 0.5546295

00:55:57.760 --> 00:56:00.080 Thanks so much. Yeah.