

WEBVTT

NOTE duration:"00:58:41"

NOTE recognizability:0.851

NOTE language:en-us

NOTE Confidence: 0.552072998333333

00:00:00.000 --> 00:00:03.450 Pick it out, wait, come on,

NOTE Confidence: 0.552072998333333

00:00:03.450 --> 00:00:05.260 damn we ready to go yes

NOTE Confidence: 0.724817042

00:00:05.530 --> 00:00:08.350 awesome. Hey Chris. So again,

NOTE Confidence: 0.724817042

00:00:08.350 --> 00:00:11.350 I appreciate the warm introduction Dana.

NOTE Confidence: 0.724817042

00:00:11.350 --> 00:00:13.410 Today we'll be talking about

NOTE Confidence: 0.724817042

00:00:13.410 --> 00:00:14.646 assessing clinical reasoning

NOTE Confidence: 0.724817042

00:00:14.646 --> 00:00:16.870 for our I am educator series.

NOTE Confidence: 0.724817042

00:00:16.870 --> 00:00:18.800 I'm really excited today because

NOTE Confidence: 0.724817042

00:00:18.800 --> 00:00:21.844 we have some of my favorite people

NOTE Confidence: 0.724817042

00:00:21.844 --> 00:00:24.439 to talk clinical reasoning with.

NOTE Confidence: 0.724817042

00:00:24.440 --> 00:00:26.966 So from the University of Michigan,

NOTE Confidence: 0.724817042

00:00:26.970 --> 00:00:29.077 I feel like I'm announcing a sports

NOTE Confidence: 0.724817042

00:00:29.077 --> 00:00:31.045 team or something like that, but.

NOTE Confidence: 0.724817042

00:00:31.045 --> 00:00:33.220 We have Emily AB dollar.
NOTE Confidence: 0.724817042

00:00:33.220 --> 00:00:35.030 She's an assistant professor in
NOTE Confidence: 0.724817042

00:00:35.030 --> 00:00:36.840 the section of infectious diseases.
NOTE Confidence: 0.724817042

00:00:36.840 --> 00:00:38.530 She runs their micro course.
NOTE Confidence: 0.724817042

00:00:38.530 --> 00:00:41.650 She also runs and helps Co run their
NOTE Confidence: 0.724817042

00:00:41.650 --> 00:00:43.632 faculty development course and has
NOTE Confidence: 0.724817042

00:00:43.632 --> 00:00:45.888 written one of my favorite papers
NOTE Confidence: 0.724817042

00:00:45.888 --> 00:00:48.507 about management reasoning about was
NOTE Confidence: 0.724817042

00:00:48.507 --> 00:00:51.217 qualitative study in academic medicine,
NOTE Confidence: 0.724817042

00:00:51.220 --> 00:00:53.540 teasing out generalist and
NOTE Confidence: 0.724817042

00:00:53.540 --> 00:00:55.280 infectious disease doctors.
NOTE Confidence: 0.724817042

00:00:55.280 --> 00:00:57.770 Factors that went into their clinical
NOTE Confidence: 0.724817042

00:00:57.770 --> 00:00:59.015 reasoning around management.
NOTE Confidence: 0.724817042

00:00:59.020 --> 00:01:01.160 We also have Benjamin Gallagher.
NOTE Confidence: 0.724817042

00:01:01.160 --> 00:01:01.982 Here Ben is.
NOTE Confidence: 0.724817042

00:01:01.982 --> 00:01:03.900 One of our core faculty in our

NOTE Confidence: 0.724817042

00:01:03.967 --> 00:01:06.415 primary care center in our section

NOTE Confidence: 0.724817042

00:01:06.415 --> 00:01:08.047 of general internal medicine,

NOTE Confidence: 0.724817042

00:01:08.050 --> 00:01:10.941 he is also has been doing great

NOTE Confidence: 0.724817042

00:01:10.941 --> 00:01:13.130 work in clinical reasoning.

NOTE Confidence: 0.724817042

00:01:13.130 --> 00:01:13.575 Here.

NOTE Confidence: 0.724817042

00:01:13.575 --> 00:01:16.690 Part of our clinical Skills Assessment team,

NOTE Confidence: 0.724817042

00:01:16.690 --> 00:01:19.450 recently published in the paper in J.

NOTE Confidence: 0.724817042

00:01:19.450 --> 00:01:24.820 Jim about documentation of clinical research.

NOTE Confidence: 0.724817042

00:01:24.820 --> 00:01:27.274 And how that translates to clerkships

NOTE Confidence: 0.724817042

00:01:27.274 --> 00:01:29.803 thereafter also on our team today

NOTE Confidence: 0.724817042

00:01:29.803 --> 00:01:31.848 we have Doctor Andrew Parsons

NOTE Confidence: 0.724817042

00:01:31.848 --> 00:01:33.969 from the University of Virginia.

NOTE Confidence: 0.724817042

00:01:33.970 --> 00:01:36.298 He directs their clinical skills course

NOTE Confidence: 0.724817042

00:01:36.298 --> 00:01:38.470 and their pre clerkship coaching.

NOTE Confidence: 0.724817042

00:01:38.470 --> 00:01:40.450 He's also one of their APDS.

NOTE Confidence: 0.724817042

00:01:40.450 --> 00:01:43.418 Has done a lot of work and publications

NOTE Confidence: 0.724817042

00:01:43.418 --> 00:01:45.610 outside along the way in management,

NOTE Confidence: 0.724817042

00:01:45.610 --> 00:01:47.390 reasoning and remediation of

NOTE Confidence: 0.724817042

00:01:47.390 --> 00:01:48.725 clinical reasoning too.

NOTE Confidence: 0.724817042

00:01:48.730 --> 00:01:50.823 So we're excited to have him here

NOTE Confidence: 0.724817042

00:01:50.823 --> 00:01:52.763 and then finally name that you

NOTE Confidence: 0.724817042

00:01:52.763 --> 00:01:54.719 know very well Doctor Chris Sankey.

NOTE Confidence: 0.724817042

00:01:54.720 --> 00:01:57.264 He is our associate program director

NOTE Confidence: 0.724817042

00:01:57.264 --> 00:01:58.960 of our traditional internal

NOTE Confidence: 0.724817042

00:01:59.028 --> 00:02:01.113 medicine residency program has been

NOTE Confidence: 0.724817042

00:02:01.113 --> 00:02:03.850 doing fantastic work as far as

NOTE Confidence: 0.724817042

00:02:03.850 --> 00:02:05.590 incorporating clinical reasoning

NOTE Confidence: 0.724817042

00:02:05.590 --> 00:02:07.710 into our residency programs,

NOTE Confidence: 0.724817042

00:02:07.710 --> 00:02:10.360 from revamping report to developing

NOTE Confidence: 0.724817042

00:02:10.360 --> 00:02:13.902 a new hospitalist firm or will have a

NOTE Confidence: 0.724817042

00:02:13.902 --> 00:02:16.615 lot of fantastic clinical reasoning

NOTE Confidence: 0.724817042

00:02:16.615 --> 00:02:19.371 innovations including a cognitive

NOTE Confidence: 0.724817042

00:02:19.371 --> 00:02:22.154 autopsy procedure that will be doing on

NOTE Confidence: 0.724817042

00:02:22.154 --> 00:02:25.200 our as following up on our decision making.

NOTE Confidence: 0.724817042

00:02:25.200 --> 00:02:26.505 And so we're so excited

NOTE Confidence: 0.724817042

00:02:26.505 --> 00:02:27.549 to have everybody there.

NOTE Confidence: 0.724817042

00:02:27.550 --> 00:02:28.810 And if you're into Twitter,

NOTE Confidence: 0.724817042

00:02:28.810 --> 00:02:33.218 we have some handles there along the way.

NOTE Confidence: 0.724817042

00:02:33.220 --> 00:02:33.558 Alright,

NOTE Confidence: 0.724817042

00:02:33.558 --> 00:02:35.586 so I'm Dana was mentioning this

NOTE Confidence: 0.724817042

00:02:35.586 --> 00:02:37.180 a little bit earlier.

NOTE Confidence: 0.724817042

00:02:37.180 --> 00:02:39.042 We have some zoom tips I'd love

NOTE Confidence: 0.724817042

00:02:39.042 --> 00:02:40.859 if I could see some faces,

NOTE Confidence: 0.724817042

00:02:40.860 --> 00:02:42.246 but I know people are eating so

NOTE Confidence: 0.724817042

00:02:42.246 --> 00:02:43.393 we don't want necessarily see

NOTE Confidence: 0.724817042

00:02:43.393 --> 00:02:44.899 things in their teeth or people

NOTE Confidence: 0.724817042

00:02:44.899 --> 00:02:46.380 feel self conscious about that.
NOTE Confidence: 0.724817042

00:02:46.380 --> 00:02:48.816 I'm muting your microphones as you can,
NOTE Confidence: 0.724817042

00:02:48.820 --> 00:02:50.640 but when the time comes and there
NOTE Confidence: 0.724817042

00:02:50.640 --> 00:02:52.260 are plenty of times to come,
NOTE Confidence: 0.724817042

00:02:52.260 --> 00:02:53.178 I want you to speak up.
NOTE Confidence: 0.724817042

00:02:53.180 --> 00:02:55.592 I want to hear from you, however, that works.
NOTE Confidence: 0.724817042

00:02:55.592 --> 00:02:56.700 We can.
NOTE Confidence: 0.724817042

00:02:56.700 --> 00:02:58.646 There's a raise hand function if you
NOTE Confidence: 0.724817042

00:02:58.646 --> 00:03:00.882 want to use that under reactions as
NOTE Confidence: 0.724817042

00:03:00.882 --> 00:03:03.130 part of the communications that we do.
NOTE Confidence: 0.724817042

00:03:03.130 --> 00:03:04.894 Resume and actually I might ask
NOTE Confidence: 0.724817042

00:03:04.894 --> 00:03:06.990 Ben if you don't mind just keeping
NOTE Confidence: 0.724817042

00:03:06.990 --> 00:03:08.410 an eye on the chat,
NOTE Confidence: 0.724817042

00:03:08.410 --> 00:03:09.615 'cause sometimes that can be
NOTE Confidence: 0.724817042

00:03:09.615 --> 00:03:11.098 hard to figure out who's raising
NOTE Confidence: 0.724817042

00:03:11.098 --> 00:03:12.766 their hand at any given time.

NOTE Confidence: 0.724817042

00:03:12.770 --> 00:03:13.076 Also,

NOTE Confidence: 0.724817042

00:03:13.076 --> 00:03:14.300 Speaking of chat through

NOTE Confidence: 0.724817042

00:03:14.300 --> 00:03:15.830 your questions into the chat,

NOTE Confidence: 0.724817042

00:03:15.830 --> 00:03:18.520 part of the reason why we have such a big

NOTE Confidence: 0.917656736818182

00:03:18.585 --> 00:03:21.417 team is I wanted folks here and sharing

NOTE Confidence: 0.917656736818182

00:03:21.417 --> 00:03:23.761 their clinical reasoning expertise and

NOTE Confidence: 0.917656736818182

00:03:23.761 --> 00:03:25.687 answering any questions that you have.

NOTE Confidence: 0.917656736818182

00:03:25.690 --> 00:03:28.129 As you can see, we have a wide spectrum

NOTE Confidence: 0.917656736818182

00:03:28.129 --> 00:03:30.918 of outpatient versus inpatient providers,

NOTE Confidence: 0.917656736818182

00:03:30.920 --> 00:03:32.130 or in addition to that,

NOTE Confidence: 0.917656736818182

00:03:32.130 --> 00:03:34.278 specialist two with Emily as well.

NOTE Confidence: 0.917656736818182

00:03:34.280 --> 00:03:37.688 So we're here to have a clinical reasoning

NOTE Confidence: 0.917656736818182

00:03:37.688 --> 00:03:39.969 conversation more than anything else.

NOTE Confidence: 0.917656736818182

00:03:39.970 --> 00:03:42.308 So what are we talking about today?

NOTE Confidence: 0.917656736818182

00:03:42.310 --> 00:03:45.299 So our learning objectives and our overview.

NOTE Confidence: 0.917656736818182

00:03:45.300 --> 00:03:47.245 We're going to review diagnostic
NOTE Confidence: 0.917656736818182

00:03:47.245 --> 00:03:48.801 error and core clinical
NOTE Confidence: 0.917656736818182

00:03:48.801 --> 00:03:50.609 reasoning assessment terminology.
NOTE Confidence: 0.917656736818182

00:03:50.610 --> 00:03:52.575 We're going to practice assessing
NOTE Confidence: 0.917656736818182

00:03:52.575 --> 00:03:54.147 clinical reasoning and various
NOTE Confidence: 0.917656736818182

00:03:54.147 --> 00:03:55.980 levels and settings of learners,
NOTE Confidence: 0.917656736818182

00:03:55.980 --> 00:03:58.787 and we're going to brainstorm a strategies
NOTE Confidence: 0.917656736818182

00:03:58.787 --> 00:04:00.690 for teaching clinical reasoning.
NOTE Confidence: 0.917656736818182

00:04:00.690 --> 00:04:01.658 So let's get started.
NOTE Confidence: 0.917656736818182

00:04:01.658 --> 00:04:03.110 So why do we do this?
NOTE Confidence: 0.917656736818182

00:04:03.110 --> 00:04:05.228 The main reason why clinical reasoning
NOTE Confidence: 0.917656736818182

00:04:05.228 --> 00:04:07.482 has gotten so much press lately
NOTE Confidence: 0.917656736818182

00:04:07.482 --> 00:04:09.427 is because of diagnostic error,
NOTE Confidence: 0.917656736818182

00:04:09.430 --> 00:04:12.398 a topic that our department knows very well.
NOTE Confidence: 0.917656736818182

00:04:12.400 --> 00:04:14.780 So the numbers can range.
NOTE Confidence: 0.917656736818182

00:04:14.780 --> 00:04:15.186 Generally,

NOTE Confidence: 0.917656736818182
00:04:15.186 --> 00:04:17.216 what's quoted is diagnostic errors
NOTE Confidence: 0.917656736818182
00:04:17.216 --> 00:04:20.055 occur in 10 to 15% of patient
NOTE Confidence: 0.917656736818182
00:04:20.055 --> 00:04:22.080 encounters more in the cognitive
NOTE Confidence: 0.917656736818182
00:04:22.080 --> 00:04:24.099 specialties like internal medicine,
NOTE Confidence: 0.917656736818182
00:04:24.100 --> 00:04:25.972 less in the perceptual
NOTE Confidence: 0.917656736818182
00:04:25.972 --> 00:04:26.908 procedural specialties.
NOTE Confidence: 0.917656736818182
00:04:26.910 --> 00:04:28.502 More if you're talking
NOTE Confidence: 0.917656736818182
00:04:28.502 --> 00:04:29.696 about diagnostic errors.
NOTE Confidence: 0.917656736818182
00:04:29.700 --> 00:04:30.084 Broadly,
NOTE Confidence: 0.917656736818182
00:04:30.084 --> 00:04:32.772 even the ones that don't cause harm
NOTE Confidence: 0.917656736818182
00:04:32.772 --> 00:04:35.557 may be a little bit less closer to
NOTE Confidence: 0.917656736818182
00:04:35.557 --> 00:04:38.796 1% as far as severe adverse events,
NOTE Confidence: 0.917656736818182
00:04:38.800 --> 00:04:42.008 but regardless, they cause a lot of harm.
NOTE Confidence: 0.917656736818182
00:04:42.010 --> 00:04:44.130 Impact on multiple different levels.
NOTE Confidence: 0.917656736818182
00:04:44.130 --> 00:04:46.570 And when we've looked back on their errors,
NOTE Confidence: 0.917656736818182

00:04:46.570 --> 00:04:49.132 a good chunk of them are cognitive
NOTE Confidence: 0.917656736818182

00:04:49.132 --> 00:04:50.230 in some fashion.
NOTE Confidence: 0.917656736818182

00:04:50.230 --> 00:04:52.038 And what do we think of when it
NOTE Confidence: 0.917656736818182

00:04:52.038 --> 00:04:54.078 comes to cognitive diagnostic error?
NOTE Confidence: 0.917656736818182

00:04:54.080 --> 00:04:55.990 We think about clinical reasoning,
NOTE Confidence: 0.917656736818182

00:04:55.990 --> 00:04:59.140 and it's not just in the clinical
NOTE Confidence: 0.917656736818182

00:04:59.140 --> 00:05:00.490 setting by attendings,
NOTE Confidence: 0.917656736818182

00:05:00.490 --> 00:05:02.681 but it's also with our learners students
NOTE Confidence: 0.917656736818182

00:05:02.681 --> 00:05:04.785 when it comes to clinical reasoning
NOTE Confidence: 0.917656736818182

00:05:04.785 --> 00:05:07.347 on the I am internal medicine clerkships.
NOTE Confidence: 0.917656736818182

00:05:07.350 --> 00:05:10.266 This is numbers 123 along with
NOTE Confidence: 0.917656736818182

00:05:10.266 --> 00:05:12.210 professionalism and ownership of
NOTE Confidence: 0.917656736818182

00:05:12.292 --> 00:05:15.377 patients about what clerkship directors.
NOTE Confidence: 0.917656736818182

00:05:15.380 --> 00:05:18.556 And what our faculty are valuing the most.
NOTE Confidence: 0.917656736818182

00:05:18.560 --> 00:05:20.604 So I appreciate your being here on
NOTE Confidence: 0.917656736818182

00:05:20.604 --> 00:05:23.071 this call to hopefully help you as

NOTE Confidence: 0.917656736818182
00:05:23.071 --> 00:05:24.971 you're evaluating your learners when
NOTE Confidence: 0.917656736818182
00:05:24.971 --> 00:05:27.159 it comes to clinical reasoning.
NOTE Confidence: 0.917656736818182
00:05:27.160 --> 00:05:27.563 Now,
NOTE Confidence: 0.917656736818182
00:05:27.563 --> 00:05:29.578 clinical reasoning can be defined
NOTE Confidence: 0.917656736818182
00:05:29.578 --> 00:05:31.190 in so many ways.
NOTE Confidence: 0.917656736818182
00:05:31.190 --> 00:05:31.968 In fact,
NOTE Confidence: 0.917656736818182
00:05:31.968 --> 00:05:33.913 they've been keepers where experts
NOTE Confidence: 0.917656736818182
00:05:33.913 --> 00:05:35.501 have regularly disagreed about
NOTE Confidence: 0.917656736818182
00:05:35.501 --> 00:05:37.276 that things from problem solving
NOTE Confidence: 0.917656736818182
00:05:37.276 --> 00:05:39.160 to judgment to decision making.
NOTE Confidence: 0.917656736818182
00:05:39.160 --> 00:05:40.270 My favorite definition,
NOTE Confidence: 0.917656736818182
00:05:40.270 --> 00:05:42.860 just as it lends towards what models
NOTE Confidence: 0.917656736818182
00:05:42.922 --> 00:05:45.078 I'm going to provide in the future,
NOTE Confidence: 0.917656736818182
00:05:45.080 --> 00:05:45.409 are.
NOTE Confidence: 0.917656736818182
00:05:45.409 --> 00:05:47.712 Is the ability to sort through a
NOTE Confidence: 0.917656736818182

00:05:47.712 --> 00:05:49.803 cluster of features presented by
NOTE Confidence: 0.917656736818182

00:05:49.803 --> 00:05:52.521 a patient and accurately assign a
NOTE Confidence: 0.917656736818182

00:05:52.521 --> 00:05:54.715 diagnostic label with the development
NOTE Confidence: 0.917656736818182

00:05:54.715 --> 00:05:58.000 of an appropriate treatment as the end goal.
NOTE Confidence: 0.917656736818182

00:05:58.000 --> 00:06:00.695 Now there are other reasons why we
NOTE Confidence: 0.917656736818182

00:06:00.695 --> 00:06:03.447 want to assess clinical reasoning,
NOTE Confidence: 0.917656736818182

00:06:03.450 --> 00:06:04.946 but we talked about our two big ones,
NOTE Confidence: 0.917656736818182

00:06:04.950 --> 00:06:08.016 diagnostic air and grading it had can
NOTE Confidence: 0.917656736818182

00:06:08.016 --> 00:06:11.376 happen in any learner that we're evaluating.
NOTE Confidence: 0.917656736818182

00:06:11.376 --> 00:06:13.696 It could be students, residents,
NOTE Confidence: 0.917656736818182

00:06:13.696 --> 00:06:16.480 fellows in various settings.
NOTE Confidence: 0.917656736818182

00:06:16.480 --> 00:06:16.954 Two right?
NOTE Confidence: 0.917656736818182

00:06:16.954 --> 00:06:18.376 So I already touched on this.
NOTE Confidence: 0.917656736818182

00:06:18.380 --> 00:06:20.148 We'll be focusing primarily
NOTE Confidence: 0.917656736818182

00:06:20.148 --> 00:06:22.358 on the in vivo assessment,
NOTE Confidence: 0.917656736818182

00:06:22.360 --> 00:06:24.260 so in related to patients,

NOTE Confidence: 0.917656736818182
00:06:24.260 --> 00:06:26.486 either in inpatient or outpatient setting.
NOTE Confidence: 0.917656736818182
00:06:26.490 --> 00:06:28.490 But clinical reasoning can be
NOTE Confidence: 0.917656736818182
00:06:28.490 --> 00:06:30.490 evaluated in other ways too,
NOTE Confidence: 0.917656736818182
00:06:30.490 --> 00:06:32.990 with various levels of fidelity.
NOTE Confidence: 0.917656736818182
00:06:32.990 --> 00:06:34.345 Michelle Daniel had a wonderful
NOTE Confidence: 0.917656736818182
00:06:34.345 --> 00:06:35.700 review on this a couple
NOTE Confidence: 0.8743880793333333
00:06:35.758 --> 00:06:37.288 years ago in academic medicine.
NOTE Confidence: 0.8743880793333333
00:06:37.290 --> 00:06:39.100 Things like multiple choice questions,
NOTE Confidence: 0.8743880793333333
00:06:39.100 --> 00:06:41.270 particularly because medical knowledge is
NOTE Confidence: 0.8743880793333333
00:06:41.270 --> 00:06:44.868 really tough to tease out from the decision
NOTE Confidence: 0.8743880793333333
00:06:44.868 --> 00:06:47.133 making and clinical reasoning process.
NOTE Confidence: 0.8743880793333333
00:06:47.140 --> 00:06:50.020 Oski's oral exams or other examples.
NOTE Confidence: 0.8743880793333333
00:06:50.020 --> 00:06:51.944 Things like key features,
NOTE Confidence: 0.8743880793333333
00:06:51.944 --> 00:06:53.387 script concordance tests.
NOTE Confidence: 0.8743880793333333
00:06:53.390 --> 00:06:55.180 There are many other things,
NOTE Confidence: 0.8743880793333333

00:06:55.180 --> 00:06:57.028 but those are probably the three
NOTE Confidence: 0.874388079333333

00:06:57.028 --> 00:06:58.808 highlights that are in classroom
NOTE Confidence: 0.874388079333333

00:06:58.808 --> 00:07:00.776 evaluations of clinical reasoning.
NOTE Confidence: 0.874388079333333

00:07:00.780 --> 00:07:03.048 When honestly anytime we talk about
NOTE Confidence: 0.874388079333333

00:07:03.048 --> 00:07:05.795 a patient is when we can think
NOTE Confidence: 0.874388079333333

00:07:05.795 --> 00:07:07.720 about clinical reasoning and assess
NOTE Confidence: 0.874388079333333

00:07:07.720 --> 00:07:09.499 it in our learners.
NOTE Confidence: 0.874388079333333

00:07:09.500 --> 00:07:12.083 In the inpatient setting that could be
NOTE Confidence: 0.874388079333333

00:07:12.083 --> 00:07:14.797 on rounds during sign out during triage,
NOTE Confidence: 0.874388079333333

00:07:14.800 --> 00:07:15.256 for example.
NOTE Confidence: 0.874388079333333

00:07:15.256 --> 00:07:17.080 When I'm in the step down unit that.
NOTE Confidence: 0.874388079333333

00:07:17.080 --> 00:07:18.970 Ability to triage a patient,
NOTE Confidence: 0.874388079333333

00:07:18.970 --> 00:07:20.896 how sick or not they are,
NOTE Confidence: 0.874388079333333

00:07:20.900 --> 00:07:23.287 or a fellow Triage Ng console calls.
NOTE Confidence: 0.874388079333333

00:07:23.290 --> 00:07:25.420 For example, we can evaluate in
NOTE Confidence: 0.874388079333333

00:07:25.420 --> 00:07:27.330 our notes chart stimulated recall,

NOTE Confidence: 0.874388079333333
00:07:27.330 --> 00:07:28.750 which we won't necessarily
NOTE Confidence: 0.874388079333333
00:07:28.750 --> 00:07:30.170 be focusing on here.
NOTE Confidence: 0.874388079333333
00:07:30.170 --> 00:07:33.074 We'll kind of be inferring our
NOTE Confidence: 0.874388079333333
00:07:33.074 --> 00:07:34.733 chart evaluations of clinical
NOTE Confidence: 0.874388079333333
00:07:34.733 --> 00:07:36.688 reasoning and the outpatient setting.
NOTE Confidence: 0.874388079333333
00:07:36.690 --> 00:07:37.950 Again, it can be even quicker,
NOTE Confidence: 0.874388079333333
00:07:37.950 --> 00:07:38.314 actually,
NOTE Confidence: 0.874388079333333
00:07:38.314 --> 00:07:39.770 sometimes right when you're
NOTE Confidence: 0.874388079333333
00:07:39.770 --> 00:07:41.226 staffing patients in clinic.
NOTE Confidence: 0.874388079333333
00:07:41.230 --> 00:07:43.830 And of course notes is a great place
NOTE Confidence: 0.874388079333333
00:07:43.830 --> 00:07:46.331 in both inpatient and outpatient
NOTE Confidence: 0.874388079333333
00:07:46.331 --> 00:07:48.695 to evaluate clinical reasoning.
NOTE Confidence: 0.874388079333333
00:07:48.700 --> 00:07:52.417 So how do we do it now?
NOTE Confidence: 0.874388079333333
00:07:52.420 --> 00:07:53.844 There are various different
NOTE Confidence: 0.874388079333333
00:07:53.844 --> 00:07:55.268 models of clinical reasoning,
NOTE Confidence: 0.874388079333333

00:07:55.270 --> 00:07:57.088 but this is these are generally
NOTE Confidence: 0.8743880793333333

00:07:57.088 --> 00:07:59.348 the steps that we think of when
NOTE Confidence: 0.8743880793333333

00:07:59.348 --> 00:08:01.316 it comes to going through that
NOTE Confidence: 0.8743880793333333

00:08:01.316 --> 00:08:02.820 clinical reasoning process.
NOTE Confidence: 0.8743880793333333

00:08:02.820 --> 00:08:03.604 First off,
NOTE Confidence: 0.8743880793333333

00:08:03.604 --> 00:08:06.348 is collecting data you talked to any
NOTE Confidence: 0.8743880793333333

00:08:06.348 --> 00:08:09.018 cognitive psychologist clinician educator?
NOTE Confidence: 0.8743880793333333

00:08:09.020 --> 00:08:10.652 They'll tell you that good data
NOTE Confidence: 0.8743880793333333

00:08:10.652 --> 00:08:12.463 is the most important part of
NOTE Confidence: 0.8743880793333333

00:08:12.463 --> 00:08:13.799 the clinical reasoning process.
NOTE Confidence: 0.8743880793333333

00:08:13.800 --> 00:08:15.888 So history, physical examination,
NOTE Confidence: 0.8743880793333333

00:08:15.888 --> 00:08:17.976 collecting that laboratory data,
NOTE Confidence: 0.8743880793333333

00:08:17.980 --> 00:08:19.616 looking into the chart.
NOTE Confidence: 0.8743880793333333

00:08:19.616 --> 00:08:21.661 And getting the information that
NOTE Confidence: 0.8743880793333333

00:08:21.661 --> 00:08:23.562 you need to problem representation.
NOTE Confidence: 0.8743880793333333

00:08:23.562 --> 00:08:26.388 So that's just how you synthesize

NOTE Confidence: 0.874388079333333
00:08:26.388 --> 00:08:27.330 that information.
NOTE Confidence: 0.874388079333333
00:08:27.330 --> 00:08:29.730 So putting it into your Google
NOTE Confidence: 0.874388079333333
00:08:29.730 --> 00:08:32.704 search engine of your mind and the
NOTE Confidence: 0.874388079333333
00:08:32.704 --> 00:08:34.864 various diagnosis that you know,
NOTE Confidence: 0.874388079333333
00:08:34.870 --> 00:08:35.974 prioritizing that differential,
NOTE Confidence: 0.874388079333333
00:08:35.974 --> 00:08:38.182 the step that we most commonly
NOTE Confidence: 0.874388079333333
00:08:38.182 --> 00:08:40.230 think about with clinical reasoning,
NOTE Confidence: 0.874388079333333
00:08:40.230 --> 00:08:43.711 so both coming up with hypothesis and
NOTE Confidence: 0.874388079333333
00:08:43.711 --> 00:08:46.588 selecting which one so an illness script,
NOTE Confidence: 0.874388079333333
00:08:46.590 --> 00:08:47.795 which is something that each
NOTE Confidence: 0.874388079333333
00:08:47.795 --> 00:08:49.590 of us have for a diagnosis.
NOTE Confidence: 0.874388079333333
00:08:49.590 --> 00:08:52.550 That's just our mental file on a condition.
NOTE Confidence: 0.874388079333333
00:08:52.550 --> 00:08:55.370 Who gets it? The epidemiology?
NOTE Confidence: 0.874388079333333
00:08:55.370 --> 00:08:56.850 Why they get it,
NOTE Confidence: 0.874388079333333
00:08:56.850 --> 00:08:57.590 the pathophysiology,
NOTE Confidence: 0.874388079333333

00:08:57.590 --> 00:08:59.816 and how they get the clinical features,
NOTE Confidence: 0.8743880793333333

00:08:59.820 --> 00:09:00.786 the signs,
NOTE Confidence: 0.8743880793333333

00:09:00.786 --> 00:09:03.684 symptoms and diagnostics related to that.
NOTE Confidence: 0.8743880793333333

00:09:03.690 --> 00:09:04.732 Finally management.
NOTE Confidence: 0.8743880793333333

00:09:04.732 --> 00:09:08.379 Which we break down into smaller steps,
NOTE Confidence: 0.8743880793333333

00:09:08.380 --> 00:09:10.300 including management scripts just
NOTE Confidence: 0.8743880793333333

00:09:10.300 --> 00:09:12.700 coming up with what management
NOTE Confidence: 0.8743880793333333

00:09:12.700 --> 00:09:14.596 options you can do and thresholds.
NOTE Confidence: 0.8743880793333333

00:09:14.596 --> 00:09:16.962 What point Are you ready to do?
NOTE Confidence: 0.8743880793333333

00:09:16.970 --> 00:09:18.572 That is a red light yellow
NOTE Confidence: 0.8743880793333333

00:09:18.572 --> 00:09:19.640 light or green light?
NOTE Confidence: 0.8743880793333333

00:09:19.640 --> 00:09:23.144 Is it not doing an intervention testing for
NOTE Confidence: 0.8743880793333333

00:09:23.144 --> 00:09:26.857 a possible diagnosis or actually treating it?
NOTE Confidence: 0.8743880793333333

00:09:26.860 --> 00:09:29.062 Now this process keeps going and
NOTE Confidence: 0.8743880793333333

00:09:29.062 --> 00:09:30.858 there are different times within
NOTE Confidence: 0.8743880793333333

00:09:30.858 --> 00:09:32.578 that process that it starts.

NOTE Confidence: 0.874388079333333
00:09:32.580 --> 00:09:33.164 For example,
NOTE Confidence: 0.874388079333333
00:09:33.164 --> 00:09:35.426 this is from one of Andrew's papers
NOTE Confidence: 0.874388079333333
00:09:35.426 --> 00:09:37.416 on remediation of clinical reasoning
NOTE Confidence: 0.874388079333333
00:09:37.416 --> 00:09:40.537 where a lot of times we can honestly
NOTE Confidence: 0.874388079333333
00:09:40.537 --> 00:09:42.029 start the diagnostic process.
NOTE Confidence: 0.874388079333333
00:09:42.030 --> 00:09:43.410 When we begin right,
NOTE Confidence: 0.874388079333333
00:09:43.410 --> 00:09:45.480 we generate hypothesis and that's that
NOTE Confidence: 0.874388079333333
00:09:45.539 --> 00:09:47.814 affects how we ask our questions right?
NOTE Confidence: 0.874388079333333
00:09:47.820 --> 00:09:49.630 Which leads to a problem
NOTE Confidence: 0.874388079333333
00:09:49.630 --> 00:09:51.440 representations and then new hypothesis,
NOTE Confidence: 0.924414668461538
00:09:51.440 --> 00:09:52.944 and so I don't want to make it
NOTE Confidence: 0.924414668461538
00:09:52.944 --> 00:09:54.458 seem like it's necessarily rigid.
NOTE Confidence: 0.924414668461538
00:09:54.460 --> 00:09:55.740 It's an iterative process
NOTE Confidence: 0.924414668461538
00:09:55.740 --> 00:09:57.020 that you're entering at.
NOTE Confidence: 0.924414668461538
00:09:57.020 --> 00:09:59.990 Any given time in the diagnostic
NOTE Confidence: 0.924414668461538

00:09:59.990 --> 00:10:01.970 process for patient encounter.
NOTE Confidence: 0.924414668461538

00:10:01.970 --> 00:10:04.088 So those are some core steps
NOTE Confidence: 0.924414668461538

00:10:04.088 --> 00:10:05.950 as hopefully we've moved on
NOTE Confidence: 0.924414668461538

00:10:05.950 --> 00:10:07.820 to getting some case action
NOTE Confidence: 0.924414668461538

00:10:07.820 --> 00:10:09.650 which should hopefully be fun.
NOTE Confidence: 0.924414668461538

00:10:09.650 --> 00:10:12.092 And now I wanted to practice
NOTE Confidence: 0.924414668461538

00:10:12.092 --> 00:10:13.313 assessing clinical reasoning
NOTE Confidence: 0.924414668461538

00:10:13.313 --> 00:10:15.229 with some different models,
NOTE Confidence: 0.924414668461538

00:10:15.230 --> 00:10:17.316 including that one we just talked about.
NOTE Confidence: 0.924414668461538

00:10:17.320 --> 00:10:19.371 So Andrew, I wanted to talk a
NOTE Confidence: 0.924414668461538

00:10:19.371 --> 00:10:21.781 little bit about how you identify
NOTE Confidence: 0.924414668461538

00:10:21.781 --> 00:10:23.245 clinical reasoning struggles.
NOTE Confidence: 0.924414668461538

00:10:23.250 --> 00:10:25.609 So let's start off with data collection.
NOTE Confidence: 0.924414668461538

00:10:25.610 --> 00:10:27.978 How do you know that a learner is
NOTE Confidence: 0.924414668461538

00:10:27.978 --> 00:10:29.599 struggling with data collection?
NOTE Confidence: 0.905349876

00:10:30.860 --> 00:10:31.984 Sure, thanks a lot.

NOTE Confidence: 0.905349876

00:10:31.984 --> 00:10:33.389 So just like you displayed

NOTE Confidence: 0.905349876

00:10:33.389 --> 00:10:34.852 that that cognitive model and

NOTE Confidence: 0.905349876

00:10:34.852 --> 00:10:36.538 you have it up again here,

NOTE Confidence: 0.905349876

00:10:36.540 --> 00:10:39.636 I think my approach is to have that

NOTE Confidence: 0.905349876

00:10:39.636 --> 00:10:42.369 framework in place and then through

NOTE Confidence: 0.905349876

00:10:42.369 --> 00:10:45.177 a number of case based assessments,

NOTE Confidence: 0.905349876

00:10:45.180 --> 00:10:48.393 try to try to pull out some

NOTE Confidence: 0.905349876

00:10:48.393 --> 00:10:50.672 patterns of behavior that the

NOTE Confidence: 0.905349876

00:10:50.672 --> 00:10:53.378 learner is is presenting and then

NOTE Confidence: 0.905349876

00:10:53.378 --> 00:10:56.448 target in to one of these specific

NOTE Confidence: 0.905349876

00:10:56.450 --> 00:10:58.900 cognitive processes to say yes,

NOTE Confidence: 0.905349876

00:10:58.900 --> 00:10:59.906 they're struggling with

NOTE Confidence: 0.905349876

00:10:59.906 --> 00:11:01.560 clinical reasoning but which?

NOTE Confidence: 0.905349876

00:11:01.560 --> 00:11:05.120 Area along this this step by step process,

NOTE Confidence: 0.905349876

00:11:05.120 --> 00:11:06.980 are they struggling most and of

NOTE Confidence: 0.905349876

00:11:07.038 --> 00:11:08.908 course context is critical here,
NOTE Confidence: 0.905349876

00:11:08.910 --> 00:11:10.800 so it it's you don't want to
NOTE Confidence: 0.905349876

00:11:10.800 --> 00:11:12.413 make too many assumptions based
NOTE Confidence: 0.905349876

00:11:12.413 --> 00:11:14.615 on one oral presentation or one
NOTE Confidence: 0.905349876

00:11:14.615 --> 00:11:16.829 note or one patient encounter,
NOTE Confidence: 0.905349876

00:11:16.830 --> 00:11:20.570 but the the more you can accrue the better.
NOTE Confidence: 0.905349876

00:11:20.570 --> 00:11:22.410 But with data collection,
NOTE Confidence: 0.905349876

00:11:22.410 --> 00:11:24.580 it's always as you're presenting to me,
NOTE Confidence: 0.905349876

00:11:24.580 --> 00:11:26.729 or as I'm reading through your note,
NOTE Confidence: 0.905349876

00:11:26.730 --> 00:11:28.704 are you collecting the high yield
NOTE Confidence: 0.905349876

00:11:28.704 --> 00:11:31.229 data in a somewhat organized process,
NOTE Confidence: 0.905349876

00:11:31.230 --> 00:11:32.514 and I think we've all been
NOTE Confidence: 0.905349876

00:11:32.514 --> 00:11:33.156 there as assessors.
NOTE Confidence: 0.905349876

00:11:33.160 --> 00:11:35.758 Can we can we kind of,
NOTE Confidence: 0.905349876

00:11:35.760 --> 00:11:36.264 you know,
NOTE Confidence: 0.905349876

00:11:36.264 --> 00:11:38.280 see into your mind and in your thought

NOTE Confidence: 0.905349876

00:11:38.334 --> 00:11:40.539 processes as you're presenting data to me.

NOTE Confidence: 0.905349876

00:11:40.540 --> 00:11:41.608 So somebody that's struggling

NOTE Confidence: 0.905349876

00:11:41.608 --> 00:11:43.520 in this area as it says here,

NOTE Confidence: 0.905349876

00:11:43.520 --> 00:11:46.050 would would their presentations might

NOTE Confidence: 0.905349876

00:11:46.050 --> 00:11:49.480 lack clear information or high yield data.

NOTE Confidence: 0.905349876

00:11:49.480 --> 00:11:49.720 What

NOTE Confidence: 0.8261477575

00:11:49.730 --> 00:11:51.370 about problem our presentations?

NOTE Confidence: 0.858097565384615

00:11:52.340 --> 00:11:53.820 So problem representations I think

NOTE Confidence: 0.858097565384615

00:11:53.820 --> 00:11:56.438 of in two ways in terms of struggles,

NOTE Confidence: 0.858097565384615

00:11:56.440 --> 00:11:57.604 they can lack structure,

NOTE Confidence: 0.858097565384615

00:11:57.604 --> 00:11:59.059 which we'll talk about later.

NOTE Confidence: 0.858097565384615

00:11:59.060 --> 00:12:01.286 They can lack a standard scaffolding

NOTE Confidence: 0.858097565384615

00:12:01.286 --> 00:12:03.768 that speaks more to perhaps a

NOTE Confidence: 0.858097565384615

00:12:03.768 --> 00:12:06.088 communication issue more than anything.

NOTE Confidence: 0.858097565384615

00:12:06.090 --> 00:12:09.663 But if you look into which data is included,

NOTE Confidence: 0.858097565384615

00:12:09.670 --> 00:12:10.498 and again, there's,
NOTE Confidence: 0.858097565384615

00:12:10.498 --> 00:12:11.602 there's some overlap here
NOTE Confidence: 0.858097565384615

00:12:11.602 --> 00:12:12.707 with data collection, right?
NOTE Confidence: 0.858097565384615

00:12:12.707 --> 00:12:14.923 How have you taken those high yield things?
NOTE Confidence: 0.858097565384615

00:12:14.930 --> 00:12:17.604 Those high yield features of the case,
NOTE Confidence: 0.858097565384615

00:12:17.610 --> 00:12:19.932 and included them in a single
NOTE Confidence: 0.858097565384615

00:12:19.932 --> 00:12:21.898 summary statement that will allow
NOTE Confidence: 0.858097565384615

00:12:21.898 --> 00:12:24.278 you to move towards the next step.
NOTE Confidence: 0.858097565384615

00:12:24.280 --> 00:12:26.540 Of refining your your broad
NOTE Confidence: 0.858097565384615

00:12:26.540 --> 00:12:28.348 differential diagnosis down to
NOTE Confidence: 0.858097565384615

00:12:28.348 --> 00:12:30.890 just a few prioritized diagnosis.
NOTE Confidence: 0.92676935375

00:12:33.610 --> 00:12:35.440 So when it comes to prioritizing
NOTE Confidence: 0.92676935375

00:12:35.440 --> 00:12:36.854 a differential, there are so many
NOTE Confidence: 0.92676935375

00:12:36.854 --> 00:12:38.390 ways that we can see this right,
NOTE Confidence: 0.92676935375

00:12:38.390 --> 00:12:40.270 Andrew? So what like really,
NOTE Confidence: 0.92676935375

00:12:40.270 --> 00:12:42.503 are you noticing when a learner is

NOTE Confidence: 0.92676935375

00:12:42.503 --> 00:12:44.760 presenting to you in whatever fashion?

NOTE Confidence: 0.903676532222222

00:12:45.510 --> 00:12:47.868 Yeah, I think of this on the two extremes,

NOTE Confidence: 0.903676532222222

00:12:47.870 --> 00:12:50.510 right? You're either 2 prioritized,

NOTE Confidence: 0.903676532222222

00:12:50.510 --> 00:12:51.695 meaning you've prematurely

NOTE Confidence: 0.903676532222222

00:12:51.695 --> 00:12:54.065 closed in on on a diagnosis,

NOTE Confidence: 0.903676532222222

00:12:54.070 --> 00:12:57.350 and so you're struggling too.

NOTE Confidence: 0.903676532222222

00:12:57.350 --> 00:12:59.504 You know, justify inclusion of other

NOTE Confidence: 0.903676532222222

00:12:59.504 --> 00:13:01.587 diagnosis or you're engaging in what

NOTE Confidence: 0.903676532222222

00:13:01.587 --> 00:13:03.363 we call some call siloed diagnosis,

NOTE Confidence: 0.903676532222222

00:13:03.370 --> 00:13:05.746 which is you can't narrow down.

NOTE Confidence: 0.903676532222222

00:13:05.750 --> 00:13:07.460 So the broad differential you

NOTE Confidence: 0.903676532222222

00:13:07.460 --> 00:13:09.710 started with kind of carries forward,

NOTE Confidence: 0.903676532222222

00:13:09.710 --> 00:13:11.936 despite you picking up other pieces of

NOTE Confidence: 0.903676532222222

00:13:11.936 --> 00:13:14.240 data that that should push you to narrow

NOTE Confidence: 0.903676532222222

00:13:14.240 --> 00:13:16.550 it and so you end up and you know.

NOTE Confidence: 0.903676532222222

00:13:16.550 --> 00:13:18.670 Again, this always flows to the next step.
NOTE Confidence: 0.903676532222222

00:13:18.670 --> 00:13:19.650 You end up saying, well,
NOTE Confidence: 0.903676532222222

00:13:19.650 --> 00:13:20.618 let's test for this.
NOTE Confidence: 0.903676532222222

00:13:20.618 --> 00:13:21.586 Let's test for this.
NOTE Confidence: 0.903676532222222

00:13:21.590 --> 00:13:24.082 Let's test for this because you're unable
NOTE Confidence: 0.903676532222222

00:13:24.082 --> 00:13:26.259 to prioritize it down any further.
NOTE Confidence: 0.800323396

00:13:26.990 --> 00:13:28.286 And as management reasoning
NOTE Confidence: 0.800323396

00:13:28.286 --> 00:13:30.230 high value care is your jam,
NOTE Confidence: 0.800323396

00:13:30.230 --> 00:13:31.695 I know what about management
NOTE Confidence: 0.800323396

00:13:31.695 --> 00:13:33.540 that really like stands out in
NOTE Confidence: 0.800323396

00:13:33.540 --> 00:13:34.836 a learning struggling there.
NOTE Confidence: 0.908374933181818

00:13:36.010 --> 00:13:37.738 Yeah, I did get. I think of this one
NOTE Confidence: 0.908374933181818

00:13:37.738 --> 00:13:39.751 in in two ways as well and we'll
NOTE Confidence: 0.908374933181818

00:13:39.751 --> 00:13:41.250 talk about management scripts later.
NOTE Confidence: 0.908374933181818

00:13:41.250 --> 00:13:44.698 But you know, for the given working diagnosis
NOTE Confidence: 0.908374933181818

00:13:44.698 --> 00:13:48.192 that you that you've presented have you

NOTE Confidence: 0.908374933181818
00:13:48.192 --> 00:13:50.808 thought through a basic management plan?
NOTE Confidence: 0.908374933181818
00:13:50.810 --> 00:13:52.310 Whether that's monitoring,
NOTE Confidence: 0.908374933181818
00:13:52.310 --> 00:13:54.102 treatment labs, imaging, whatever,
NOTE Confidence: 0.908374933181818
00:13:54.102 --> 00:13:57.146 it may be specific to that diagnosis
NOTE Confidence: 0.908374933181818
00:13:57.146 --> 00:14:00.344 that step one and then also how have
NOTE Confidence: 0.908374933181818
00:14:00.344 --> 00:14:02.000 you pick and how have you taken things
NOTE Confidence: 0.908374933181818
00:14:02.044 --> 00:14:03.626 out of that kind of management menu?
NOTE Confidence: 0.908374933181818
00:14:03.630 --> 00:14:05.968 Purcella and applied them to the patient.
NOTE Confidence: 0.908374933181818
00:14:05.970 --> 00:14:07.555 And that's where the high
NOTE Confidence: 0.908374933181818
00:14:07.555 --> 00:14:08.654 value care comes in.
NOTE Confidence: 0.908374933181818
00:14:08.654 --> 00:14:10.510 So yeah, if they're not doing this well,
NOTE Confidence: 0.908374933181818
00:14:10.510 --> 00:14:12.736 you might see an inappropriate plan,
NOTE Confidence: 0.908374933181818
00:14:12.740 --> 00:14:14.104 inappropriate either for the
NOTE Confidence: 0.908374933181818
00:14:14.104 --> 00:14:15.809 diagnosis or for the patient.
NOTE Confidence: 0.908374933181818
00:14:15.810 --> 00:14:17.553 It can be indecisive or over testing
NOTE Confidence: 0.908374933181818

00:14:17.553 --> 00:14:19.158 and treatment like we just mentioned.
NOTE Confidence: 0.922059035185185

00:14:19.850 --> 00:14:20.891 Awesome thanks, Andrew,
NOTE Confidence: 0.922059035185185

00:14:20.891 --> 00:14:23.320 and feel free once again to throw
NOTE Confidence: 0.922059035185185

00:14:23.386 --> 00:14:25.818 questions in the chat or raise your hand
NOTE Confidence: 0.922059035185185

00:14:25.818 --> 00:14:28.015 will keep an eye on that so we can.
NOTE Confidence: 0.922059035185185

00:14:28.020 --> 00:14:31.125 We can answer your questions as they come up.
NOTE Confidence: 0.922059035185185

00:14:31.130 --> 00:14:33.272 I'll also say this model is if
NOTE Confidence: 0.922059035185185

00:14:33.272 --> 00:14:34.879 you're looking for resources and
NOTE Confidence: 0.922059035185185

00:14:34.879 --> 00:14:37.375 I'll throw them in the chat as well.
NOTE Confidence: 0.922059035185185

00:14:37.380 --> 00:14:39.636 Actually, I'll do that right now.
NOTE Confidence: 0.922059035185185

00:14:39.640 --> 00:14:41.784 There's this is a Google Drive link to
NOTE Confidence: 0.922059035185185

00:14:41.784 --> 00:14:44.472 our tip sheet that we give all instructors
NOTE Confidence: 0.922059035185185

00:14:44.472 --> 00:14:46.340 in our clinical reasoning course.
NOTE Confidence: 0.922059035185185

00:14:46.340 --> 00:14:48.130 The system assessment of reasoning
NOTE Confidence: 0.922059035185185

00:14:48.130 --> 00:14:50.415 tool so size society to improve
NOTE Confidence: 0.922059035185185

00:14:50.415 --> 00:14:52.545 diagnosis in medicine which actually

NOTE Confidence: 0.922059035185185
00:14:52.545 --> 00:14:54.690 helped Commission or was commissioned
NOTE Confidence: 0.922059035185185
00:14:54.690 --> 00:14:56.916 by the National Academy of Medicine
NOTE Confidence: 0.922059035185185
00:14:56.916 --> 00:14:59.164 in that big report on improving
NOTE Confidence: 0.922059035185185
00:14:59.164 --> 00:15:00.676 diagnosis and health care,
NOTE Confidence: 0.922059035185185
00:15:00.680 --> 00:15:02.456 developed their own assessment of reasoning
NOTE Confidence: 0.922059035185185
00:15:02.456 --> 00:15:04.858 tool which got at some of these same test.
NOTE Confidence: 0.922059035185185
00:15:04.860 --> 00:15:06.175 There are some really slick
NOTE Confidence: 0.922059035185185
00:15:06.175 --> 00:15:07.227 videos that they have.
NOTE Confidence: 0.922059035185185
00:15:07.230 --> 00:15:09.596 About how you can better assess clinical
NOTE Confidence: 0.922059035185185
00:15:09.596 --> 00:15:11.340 reasoning related to these steps,
NOTE Confidence: 0.922059035185185
00:15:11.340 --> 00:15:13.888 they also added the step of metacognition,
NOTE Confidence: 0.922059035185185
00:15:13.890 --> 00:15:16.460 which just means having reflective,
NOTE Confidence: 0.922059035185185
00:15:16.460 --> 00:15:18.645 thoughtful learners and then more
NOTE Confidence: 0.922059035185185
00:15:18.645 --> 00:15:21.350 specifically the idea of cognitive biases.
NOTE Confidence: 0.922059035185185
00:15:21.350 --> 00:15:22.934 Although we haven't seen that really
NOTE Confidence: 0.922059035185185

00:15:22.934 --> 00:15:24.898 show up well as far as teaching
NOTE Confidence: 0.922059035185185

00:15:24.898 --> 00:15:26.323 towards it in the literature,
NOTE Confidence: 0.922059035185185

00:15:26.330 --> 00:15:28.696 there is even an assessment tool so
NOTE Confidence: 0.922059035185185

00:15:28.696 --> 00:15:30.300 the assessment reasoning tool I'm
NOTE Confidence: 0.922059035185185

00:15:30.300 --> 00:15:32.155 sorry I mean more about a worksheet
NOTE Confidence: 0.922059035185185

00:15:32.155 --> 00:15:34.252 on how you can potentially evaluate
NOTE Confidence: 0.922059035185185

00:15:34.252 --> 00:15:36.027 your learners which goes along
NOTE Confidence: 0.922059035185185

00:15:36.030 --> 00:15:37.240 the lines of you know.
NOTE Confidence: 0.922059035185185

00:15:37.240 --> 00:15:38.564 From minimal to complete,
NOTE Confidence: 0.922059035185185

00:15:38.564 --> 00:15:41.133 as far as how your learner is doing
NOTE Confidence: 0.922059035185185

00:15:41.133 --> 00:15:43.173 when it comes to a set for your
NOTE Confidence: 0.922059035185185

00:15:43.240 --> 00:15:45.650 assessing their various steps within
NOTE Confidence: 0.922059035185185

00:15:45.650 --> 00:15:47.578 the clinical reasoning process.
NOTE Confidence: 0.922059035185185

00:15:47.580 --> 00:15:49.020 So with those in mind,
NOTE Confidence: 0.922059035185185

00:15:49.020 --> 00:15:52.317 let's get to some practice cases alright,
NOTE Confidence: 0.922059035185185

00:15:52.320 --> 00:15:53.601 and that way I can also get

NOTE Confidence: 0.922059035185185
00:15:53.601 --> 00:15:55.660 some of these polls going too,
NOTE Confidence: 0.922059035185185
00:15:55.660 --> 00:15:59.090 so we're gonna have a Ben hop on and talk
NOTE Confidence: 0.922059035185185
00:15:59.174 --> 00:16:02.518 a little bit about a an outpatient case,
NOTE Confidence: 0.922059035185185
00:16:02.520 --> 00:16:03.816 but I want everybody to put
NOTE Confidence: 0.922059035185185
00:16:03.816 --> 00:16:04.680 their thing cats on,
NOTE Confidence: 0.922059035185185
00:16:04.680 --> 00:16:07.430 so imagine you're in clinic
NOTE Confidence: 0.922059035185185
00:16:07.430 --> 00:16:09.236 in turn is presenting to you,
NOTE Confidence: 0.922059035185185
00:16:09.240 --> 00:16:09.944 and this is just,
NOTE Confidence: 0.922059035185185
00:16:09.944 --> 00:16:10.296 you know,
NOTE Confidence: 0.922059035185185
00:16:10.300 --> 00:16:12.274 they saw a patient there staffing
NOTE Confidence: 0.922059035185185
00:16:12.274 --> 00:16:15.335 it with you now and the situation is
NOTE Confidence: 0.922059035185185
00:16:15.335 --> 00:16:17.425 they're presenting a mileage woman.
NOTE Confidence: 0.922059035185185
00:16:17.430 --> 00:16:22.068 Who has anemia of possibly gastrointestinal,
NOTE Confidence: 0.922059035185185
00:16:22.070 --> 00:16:23.582 organic logical etiologies?
NOTE Confidence: 0.922059035185185
00:16:23.582 --> 00:16:26.606 And you're trying to both actually
NOTE Confidence: 0.922059035185185

00:16:26.606 --> 00:16:29.665 hear what's going on with the patient,
NOTE Confidence: 0.922059035185185

00:16:29.670 --> 00:16:33.558 but also to.
NOTE Confidence: 0.922059035185185

00:16:33.560 --> 00:16:35.640 Diagnose your learner as well,
NOTE Confidence: 0.922059035185185

00:16:35.640 --> 00:16:36.716 which I always remember.
NOTE Confidence: 0.922059035185185

00:16:36.716 --> 00:16:39.576 It was just so tough to do when I was
NOTE Confidence: 0.922059035185185

00:16:39.576 --> 00:16:41.358 in the outpatient setting and teaching.
NOTE Confidence: 0.922059035185185

00:16:41.360 --> 00:16:43.328 So I'm gonna play the patient
NOTE Confidence: 0.922059035185185

00:16:43.328 --> 00:16:45.099 presenting to Ben and T all.
NOTE Confidence: 0.922059035185185

00:16:45.100 --> 00:16:47.380 And why don't y'all think about
NOTE Confidence: 0.922059035185185

00:16:47.380 --> 00:16:49.929 what's going on with this patient?
NOTE Confidence: 0.922059035185185

00:16:49.930 --> 00:16:51.282 So we have a.
NOTE Confidence: 0.922059035185185

00:16:51.282 --> 00:16:52.512 So yeah, Doctor Gallagher,
NOTE Confidence: 0.922059035185185

00:16:52.512 --> 00:16:55.105 we have a 52 year old lawyer who comes
NOTE Confidence: 0.922059035185185

00:16:55.105 --> 00:16:57.031 into clinic after being found with
NOTE Confidence: 0.922059035185185

00:16:57.031 --> 00:16:59.490 hemoglobin over 8 1/2 on routine blood work.
NOTE Confidence: 0.922059035185185

00:16:59.490 --> 00:17:01.420 She's over the past year

NOTE Confidence: 0.922059035185185
00:17:01.420 --> 00:17:02.578 been increasingly pale,
NOTE Confidence: 0.922059035185185
00:17:02.580 --> 00:17:04.240 weak and short of breath.
NOTE Confidence: 0.922059035185185
00:17:04.240 --> 00:17:07.276 She doesn't have any significant bleeding,
NOTE Confidence: 0.922059035185185
00:17:07.280 --> 00:17:07.573 though.
NOTE Confidence: 0.922059035185185
00:17:07.573 --> 00:17:09.038 She notes that she occasionally
NOTE Confidence: 0.922059035185185
00:17:09.038 --> 00:17:10.923 have flecks of blood when wiping
NOTE Confidence: 0.922059035185185
00:17:10.923 --> 00:17:11.919 after bowel movements,
NOTE Confidence: 0.922059035185185
00:17:11.920 --> 00:17:13.760 which she's attributed to hemorrhoids.
NOTE Confidence: 0.922059035185185
00:17:13.760 --> 00:17:15.040 She notes that her menstrual
NOTE Confidence: 0.922059035185185
00:17:15.040 --> 00:17:16.320 cycles are a little bit
NOTE Confidence: 0.8363749725
00:17:16.378 --> 00:17:18.380 more regular, lasting anywhere from 2
NOTE Confidence: 0.8363749725
00:17:18.380 --> 00:17:20.592 to 8 weeks, with much heavier periods
NOTE Confidence: 0.8363749725
00:17:20.592 --> 00:17:22.380 that have lasted about 10 days.
NOTE Confidence: 0.8363749725
00:17:22.380 --> 00:17:24.669 Lately I'd help with the discomfort she's
NOTE Confidence: 0.8363749725
00:17:24.669 --> 00:17:26.839 been taking some ibuprofen as needed.
NOTE Confidence: 0.8363749725

00:17:26.840 --> 00:17:28.296 That said, she's up to date with
NOTE Confidence: 0.8363749725

00:17:28.296 --> 00:17:29.420 her mammograms and Pap smears,
NOTE Confidence: 0.8363749725

00:17:29.420 --> 00:17:31.916 though she's never had a colonoscopy.
NOTE Confidence: 0.8363749725

00:17:31.920 --> 00:17:34.570 Hospital history is notable for
NOTE Confidence: 0.8363749725

00:17:34.570 --> 00:17:36.044 hypothyroidism. No surgery.
NOTE Confidence: 0.8363749725

00:17:36.044 --> 00:17:37.460 She's on levothyroxine.
NOTE Confidence: 0.8363749725

00:17:37.460 --> 00:17:38.560 She lives in the Camden,
NOTE Confidence: 0.8363749725

00:17:38.560 --> 00:17:41.176 does have a history of smoking
NOTE Confidence: 0.8363749725

00:17:41.176 --> 00:17:43.480 40 pack years on exam.
NOTE Confidence: 0.8363749725

00:17:43.480 --> 00:17:46.000 She's looking relatively OK.
NOTE Confidence: 0.8363749725

00:17:46.000 --> 00:17:48.308 I mean, she does seem weak,
NOTE Confidence: 0.8363749725

00:17:48.308 --> 00:17:49.618 but her vitals are normal.
NOTE Confidence: 0.8363749725

00:17:49.620 --> 00:17:52.254 She is pale conjunctive a cardiac.
NOTE Confidence: 0.8363749725

00:17:52.254 --> 00:17:55.458 I'm exam is regular and she's
NOTE Confidence: 0.8363749725

00:17:55.458 --> 00:17:57.060 clear to auscultation.
NOTE Confidence: 0.8363749725

00:17:57.060 --> 00:17:58.430 Her extremities are a little

NOTE Confidence: 0.8363749725

00:17:58.430 --> 00:18:00.299 bit cool and her skin is pale,

NOTE Confidence: 0.8363749725

00:18:00.300 --> 00:18:02.834 but nothing else that really stands out.

NOTE Confidence: 0.8363749725

00:18:02.840 --> 00:18:04.790 So on assessment and plan,

NOTE Confidence: 0.8363749725

00:18:04.790 --> 00:18:06.941 we have a 50 year old woman with a

NOTE Confidence: 0.8363749725

00:18:06.941 --> 00:18:09.070 past medical history of hypothyroidism

NOTE Confidence: 0.8363749725

00:18:09.070 --> 00:18:11.345 and hemorrhoids who presents with

NOTE Confidence: 0.8363749725

00:18:11.345 --> 00:18:13.398 anemia in the setting of pallor,

NOTE Confidence: 0.8363749725

00:18:13.400 --> 00:18:14.352 weakness, fatigue,

NOTE Confidence: 0.8363749725

00:18:14.352 --> 00:18:16.256 and bloody bowel movements.

NOTE Confidence: 0.8363749725

00:18:16.260 --> 00:18:18.016 Most likely is hemorrhoids,

NOTE Confidence: 0.8363749725

00:18:18.016 --> 00:18:20.211 for which I recommend doing

NOTE Confidence: 0.8363749725

00:18:20.211 --> 00:18:22.738 a rectal exam and an OSCA P.

NOTE Confidence: 0.8363749725

00:18:22.740 --> 00:18:26.420 In addition to rechecking H&A;H for a week,

NOTE Confidence: 0.8363749725

00:18:26.420 --> 00:18:28.270 if we really wanted to,

NOTE Confidence: 0.8363749725

00:18:28.270 --> 00:18:29.220 and she pushed for it,

NOTE Confidence: 0.8363749725

00:18:29.220 --> 00:18:31.086 we could consider a GI console

NOTE Confidence: 0.8363749725

00:18:31.086 --> 00:18:32.019 and a colonoscopy.

NOTE Confidence: 0.8363749725

00:18:32.020 --> 00:18:34.060 So I'm launching a poll.

NOTE Confidence: 0.8363749725

00:18:34.060 --> 00:18:36.356 I'm going to give some time for the

NOTE Confidence: 0.8363749725

00:18:36.356 --> 00:18:39.072 35 or so on of y'all on the call for

NOTE Confidence: 0.8363749725

00:18:39.072 --> 00:18:41.760 you to pick which areas where you

NOTE Confidence: 0.8363749725

00:18:41.760 --> 00:18:43.860 think this learner is struggling.

NOTE Confidence: 0.8363749725

00:18:43.860 --> 00:18:45.966 I made this multiple choice because

NOTE Confidence: 0.8363749725

00:18:45.966 --> 00:18:48.664 I know with our learners right there

NOTE Confidence: 0.8363749725

00:18:48.664 --> 00:18:51.100 can be multiple things going on.

NOTE Confidence: 0.8363749725

00:18:51.100 --> 00:18:54.100 As y'all are doing that, I'm going to.

NOTE Confidence: 0.8363749725

00:18:54.100 --> 00:18:57.998 We get some access to our document,

NOTE Confidence: 0.8363749725

00:18:57.998 --> 00:18:59.370 but alright.

NOTE Confidence: 0.9092712375

00:19:04.980 --> 00:19:07.676 Alright, so we have 12 people right now.

NOTE Confidence: 0.9092712375

00:19:07.680 --> 00:19:10.118 I think we can get up to 25

NOTE Confidence: 0.9092712375

00:19:10.118 --> 00:19:12.266 of the 35 people here 20.

NOTE Confidence: 0.8232009

00:19:20.480 --> 00:19:23.216 Alright, and what I will say about this

NOTE Confidence: 0.8232009

00:19:23.216 --> 00:19:25.123 is more people are filling out the polls

NOTE Confidence: 0.8232009

00:19:25.123 --> 00:19:27.379 for only a 20 who participated so far.

NOTE Confidence: 0.8232009

00:19:27.380 --> 00:19:29.452 Is that multiple things could be going

NOTE Confidence: 0.8232009

00:19:29.452 --> 00:19:32.069 on in the clinical reasoning process,

NOTE Confidence: 0.8232009

00:19:32.070 --> 00:19:34.646 but I'll also say that you know,

NOTE Confidence: 0.8232009

00:19:34.650 --> 00:19:37.590 oftentimes, like if there's a clinical

NOTE Confidence: 0.8232009

00:19:37.590 --> 00:19:39.550 reasoning shortcoming earlier on,

NOTE Confidence: 0.8232009

00:19:39.550 --> 00:19:41.342 it'll affect everything downstream,

NOTE Confidence: 0.8232009

00:19:41.342 --> 00:19:43.582 so I appreciate your suspending

NOTE Confidence: 0.8232009

00:19:43.582 --> 00:19:45.720 your disbelief in this process.

NOTE Confidence: 0.8232009

00:19:45.720 --> 00:19:47.784 Awesome, we're at 2526.

NOTE Confidence: 0.8232009

00:19:47.784 --> 00:19:49.716 Dana, we're getting such great

NOTE Confidence: 0.8232009

00:19:49.716 --> 00:19:52.207 participation right now and I'll say that

NOTE Confidence: 0.8232009

00:19:52.207 --> 00:19:54.663 it looks like the group thinks that this

NOTE Confidence: 0.8232009

00:19:54.663 --> 00:19:57.194 learner is struggling across the board.

NOTE Confidence: 0.8232009

00:19:57.194 --> 00:19:59.534 But particularly with prioritizing and

NOTE Confidence: 0.8232009

00:19:59.534 --> 00:20:01.419 differential diagnosis and management.

NOTE Confidence: 0.8232009

00:20:01.420 --> 00:20:05.280 So Ben, what do you?

NOTE Confidence: 0.8232009

00:20:05.280 --> 00:20:06.930 How would you approach this

NOTE Confidence: 0.8232009

00:20:06.930 --> 00:20:08.580 learner as our faculty did?

NOTE Confidence: 0.8232009

00:20:08.580 --> 00:20:11.009 Who also thought they the learner were

NOTE Confidence: 0.8232009

00:20:11.009 --> 00:20:12.889 struggling with prioritizing a differential?

NOTE Confidence: 0.830608145714286

00:20:13.420 --> 00:20:15.625 Yeah, I think this is a really.

NOTE Confidence: 0.830608145714286

00:20:15.630 --> 00:20:16.110 Interesting case,

NOTE Confidence: 0.830608145714286

00:20:16.110 --> 00:20:19.290 I think I'll say first that.

NOTE Confidence: 0.830608145714286

00:20:19.290 --> 00:20:21.190 In the outpatient world with,

NOTE Confidence: 0.830608145714286

00:20:21.190 --> 00:20:22.918 you know my students and medical

NOTE Confidence: 0.830608145714286

00:20:22.918 --> 00:20:24.428 residents and other learners.

NOTE Confidence: 0.830608145714286

00:20:24.430 --> 00:20:28.379 I think it differs from the context

NOTE Confidence: 0.830608145714286

00:20:28.379 --> 00:20:30.122 that a lot of our learners are
NOTE Confidence: 0.830608145714286

00:20:30.122 --> 00:20:31.739 used to being in the inpatient
NOTE Confidence: 0.830608145714286

00:20:31.739 --> 00:20:33.771 world in terms of both the problems
NOTE Confidence: 0.830608145714286

00:20:33.771 --> 00:20:35.287 that they're dealing with.
NOTE Confidence: 0.830608145714286

00:20:35.290 --> 00:20:37.126 Kind of the the way that you can kind
NOTE Confidence: 0.830608145714286

00:20:37.126 --> 00:20:39.178 that you the sort of the scope of the
NOTE Confidence: 0.830608145714286

00:20:39.178 --> 00:20:40.709 problems that are potentially could be
NOTE Confidence: 0.830608145714286

00:20:40.709 --> 00:20:42.570 brought up at any visit that appear,
NOTE Confidence: 0.830608145714286

00:20:42.570 --> 00:20:43.810 especially in primary care.
NOTE Confidence: 0.830608145714286

00:20:43.810 --> 00:20:44.047 Theoretically,
NOTE Confidence: 0.830608145714286

00:20:44.047 --> 00:20:46.180 anything you know could be could be on the
NOTE Confidence: 0.830608145714286

00:20:46.226 --> 00:20:47.850 table for something for you to address,
NOTE Confidence: 0.830608145714286

00:20:47.850 --> 00:20:48.700 and then both of the.
NOTE Confidence: 0.830608145714286

00:20:48.700 --> 00:20:51.778 Urgency of of the evaluation and
NOTE Confidence: 0.830608145714286

00:20:51.778 --> 00:20:53.317 diagnostically and therapeutically.
NOTE Confidence: 0.830608145714286

00:20:53.320 --> 00:20:56.850 And you know how readily available

NOTE Confidence: 0.830608145714286
00:20:56.850 --> 00:20:58.298 at different diagnostic and
NOTE Confidence: 0.830608145714286
00:20:58.298 --> 00:20:59.851 therapeutic interventions are to all
NOTE Confidence: 0.830608145714286
00:20:59.851 --> 00:21:01.820 of that is is pretty different now.
NOTE Confidence: 0.830608145714286
00:21:01.820 --> 00:21:05.586 I think even starting from just how.
NOTE Confidence: 0.830608145714286
00:21:05.590 --> 00:21:07.305 At the expected organization of
NOTE Confidence: 0.830608145714286
00:21:07.305 --> 00:21:09.390 an oral presentation or a note,
NOTE Confidence: 0.830608145714286
00:21:09.390 --> 00:21:11.854 I think we have a pretty good shared
NOTE Confidence: 0.830608145714286
00:21:11.854 --> 00:21:14.107 understanding of what that should look like.
NOTE Confidence: 0.830608145714286
00:21:14.110 --> 00:21:15.034 On the immigration rules,
NOTE Confidence: 0.830608145714286
00:21:15.034 --> 00:21:16.739 and that's kind of how you know
NOTE Confidence: 0.830608145714286
00:21:16.739 --> 00:21:18.094 students and other learners are
NOTE Confidence: 0.830608145714286
00:21:18.094 --> 00:21:19.450 taught on the outpatient side.
NOTE Confidence: 0.830608145714286
00:21:19.450 --> 00:21:22.298 I think as much less of a consensus
NOTE Confidence: 0.830608145714286
00:21:22.298 --> 00:21:24.178 about about how a note should be
NOTE Confidence: 0.830608145714286
00:21:24.178 --> 00:21:26.628 presented and how a case should be presented.
NOTE Confidence: 0.830608145714286

00:21:26.630 --> 00:21:27.190 This one.
NOTE Confidence: 0.830608145714286

00:21:27.190 --> 00:21:28.590 Fortunately, that was a pretty,
NOTE Confidence: 0.830608145714286

00:21:28.590 --> 00:21:30.389 you know, this sort of problem based
NOTE Confidence: 0.830608145714286

00:21:30.389 --> 00:21:33.468 and and it is a as a, you know, uh?
NOTE Confidence: 0.830608145714286

00:21:33.470 --> 00:21:34.514 A new complaint.
NOTE Confidence: 0.830608145714286

00:21:34.514 --> 00:21:38.760 And so the the approach can be similar.
NOTE Confidence: 0.830608145714286

00:21:38.760 --> 00:21:39.966 You know, I think, here what,
NOTE Confidence: 0.830608145714286

00:21:39.970 --> 00:21:41.290 what and I do.
NOTE Confidence: 0.830608145714286

00:21:41.290 --> 00:21:43.702 See cases or residents that present
NOTE Confidence: 0.830608145714286

00:21:43.702 --> 00:21:47.070 cases like this lot is that there is a.
NOTE Confidence: 0.830608145714286

00:21:47.070 --> 00:21:48.042 An assumption about,
NOTE Confidence: 0.830608145714286

00:21:48.042 --> 00:21:49.986 you know the links between the
NOTE Confidence: 0.830608145714286

00:21:49.986 --> 00:21:51.589 data points that are here,
NOTE Confidence: 0.830608145714286

00:21:51.590 --> 00:21:55.430 but but not enough consideration of
NOTE Confidence: 0.830608145714286

00:21:55.430 --> 00:21:57.815 other alternatives and and and then
NOTE Confidence: 0.830608145714286

00:21:57.815 --> 00:22:00.016 thinking about how that might affect

NOTE Confidence: 0.830608145714286
00:22:00.016 --> 00:22:01.986 our differential and our initial,
NOTE Confidence: 0.830608145714286
00:22:01.990 --> 00:22:03.290 you know treatment plan right?
NOTE Confidence: 0.830608145714286
00:22:03.290 --> 00:22:05.215 So I think what I'm hearing from
NOTE Confidence: 0.830608145714286
00:22:05.215 --> 00:22:07.136 this case is that this person
NOTE Confidence: 0.830608145714286
00:22:07.136 --> 00:22:09.194 has kind of subacute to chronic
NOTE Confidence: 0.830608145714286
00:22:09.194 --> 00:22:11.147 fatigue and shortness of breath
NOTE Confidence: 0.830608145714286
00:22:11.147 --> 00:22:13.082 that we're attributing to anemia,
NOTE Confidence: 0.830608145714286
00:22:13.090 --> 00:22:15.714 which we are assuming is due to iron
NOTE Confidence: 0.830608145714286
00:22:15.714 --> 00:22:18.048 deficiency and from chronic GI bleeding.
NOTE Confidence: 0.830608145714286
00:22:18.050 --> 00:22:19.832 And that further that that GI
NOTE Confidence: 0.830608145714286
00:22:19.832 --> 00:22:21.830 bleeding is due to hemorrhoids,
NOTE Confidence: 0.830608145714286
00:22:21.830 --> 00:22:24.386 and that therefore it's relatively benign,
NOTE Confidence: 0.830608145714286
00:22:24.390 --> 00:22:27.468 and so we should do a,
NOTE Confidence: 0.830608145714286
00:22:27.470 --> 00:22:27.940 you know,
NOTE Confidence: 0.830608145714286
00:22:27.940 --> 00:22:29.820 I now ask AP and look for hemorrhoids.
NOTE Confidence: 0.830608145714286

00:22:29.820 --> 00:22:30.944 And then you know,
NOTE Confidence: 0.830608145714286

00:22:30.944 --> 00:22:32.349 checking the hemoglobin again in
NOTE Confidence: 0.830608145714286

00:22:32.349 --> 00:22:34.308 a week and potentially doing a
NOTE Confidence: 0.830608145714286

00:22:34.308 --> 00:22:36.044 GI konsult or colonoscopy, right?
NOTE Confidence: 0.830608145714286

00:22:36.044 --> 00:22:38.648 So that may ultimately be true.
NOTE Confidence: 0.830608145714286

00:22:38.650 --> 00:22:41.408 I think there are some you know
NOTE Confidence: 0.830608145714286

00:22:41.408 --> 00:22:42.590 missing points here.
NOTE Confidence: 0.830608145714286

00:22:42.590 --> 00:22:43.380 You know,
NOTE Confidence: 0.830608145714286

00:22:43.380 --> 00:22:45.306 there's an assumption that this
NOTE Confidence: 0.830608145714286

00:22:45.306 --> 00:22:47.346 anemia is kind of, you know,
NOTE Confidence: 0.830608145714286

00:22:47.346 --> 00:22:48.658 subacute to chronic and.
NOTE Confidence: 0.830608145714286

00:22:48.660 --> 00:22:51.066 We don't have a presentation of of
NOTE Confidence: 0.830608145714286

00:22:51.066 --> 00:22:53.635 the of the baseline hemoglobin, right?
NOTE Confidence: 0.830608145714286

00:22:53.635 --> 00:22:55.645 We don't have a characterization of
NOTE Confidence: 0.830608145714286

00:22:55.645 --> 00:22:58.045 the anemia about whether it's due to
NOTE Confidence: 0.830608145714286

00:22:58.045 --> 00:23:01.100 iron deficiency or another cause, right?

NOTE Confidence: 0.830608145714286
00:23:01.100 --> 00:23:02.318 And then I think there's an issue.
NOTE Confidence: 0.830608145714286
00:23:02.320 --> 00:23:03.720 This is a woman who,
NOTE Confidence: 0.934964584
00:23:03.720 --> 00:23:06.806 according to the history is is still
NOTE Confidence: 0.934964584
00:23:06.806 --> 00:23:08.418 menstruating, not post menopausal,
NOTE Confidence: 0.934964584
00:23:08.420 --> 00:23:10.375 but there's some abnormal uterine
NOTE Confidence: 0.934964584
00:23:10.375 --> 00:23:11.968 bleeding here, and so is it.
NOTE Confidence: 0.934964584
00:23:11.968 --> 00:23:13.180 If it is from iron deficiency.
NOTE Confidence: 0.934964584
00:23:13.180 --> 00:23:16.786 Is it AGI? Kozora ginj cause.
NOTE Confidence: 0.934964584
00:23:16.790 --> 00:23:18.970 So I think there's there's.
NOTE Confidence: 0.934964584
00:23:18.970 --> 00:23:20.992 A lack of articulation of the
NOTE Confidence: 0.934964584
00:23:20.992 --> 00:23:22.730 differential at multiple levels right,
NOTE Confidence: 0.934964584
00:23:22.730 --> 00:23:25.565 not just is the complaint due to the anemia.
NOTE Confidence: 0.934964584
00:23:25.570 --> 00:23:27.010 What is anemia due to?
NOTE Confidence: 0.934964584
00:23:27.010 --> 00:23:29.850 And then if it is from chronic bleeding,
NOTE Confidence: 0.934964584
00:23:29.850 --> 00:23:31.943 where is the source of the bleeding
NOTE Confidence: 0.934964584

00:23:31.943 --> 00:23:34.077 and how it that be worked up.

NOTE Confidence: 0.934964584

00:23:34.080 --> 00:23:35.015 Last week point on May

NOTE Confidence: 0.934964584

00:23:35.015 --> 00:23:38.880 2 is that you know the.

NOTE Confidence: 0.934964584

00:23:38.880 --> 00:23:40.060 You know another consideration

NOTE Confidence: 0.934964584

00:23:40.060 --> 00:23:41.478 on the outpatient side, right?

NOTE Confidence: 0.934964584

00:23:41.478 --> 00:23:43.382 Is that you know I don't have an

NOTE Confidence: 0.934964584

00:23:43.382 --> 00:23:45.039 osca P in my office right now.

NOTE Confidence: 0.934964584

00:23:45.040 --> 00:23:47.232 I think that I don't know how many

NOTE Confidence: 0.934964584

00:23:47.232 --> 00:23:49.250 primary doctors do or practice alongside

NOTE Confidence: 0.934964584

00:23:49.250 --> 00:23:51.331 a gastroenterologist who could do a,

NOTE Confidence: 0.934964584

00:23:51.331 --> 00:23:53.508 you know, in a sigmoid osca P

NOTE Confidence: 0.934964584

00:23:53.508 --> 00:23:55.781 or an Oscar that day, right?

NOTE Confidence: 0.934964584

00:23:55.781 --> 00:23:57.436 But I think learners often

NOTE Confidence: 0.934964584

00:23:57.436 --> 00:23:58.760 on the outpatient side,

NOTE Confidence: 0.934964584

00:23:58.760 --> 00:24:00.620 fail to consider like what is

NOTE Confidence: 0.934964584

00:24:00.620 --> 00:24:02.638 available now and what can be done.

NOTE Confidence: 0.934964584

00:24:02.640 --> 00:24:03.186 You know,

NOTE Confidence: 0.934964584

00:24:03.186 --> 00:24:03.732 expeditious way,

NOTE Confidence: 0.934964584

00:24:03.732 --> 00:24:05.944 you know they're used to take care of

NOTE Confidence: 0.934964584

00:24:05.944 --> 00:24:07.498 patients in the hospital who before

NOTE Confidence: 0.934964584

00:24:07.498 --> 00:24:09.190 there was a shortage of lavender.

NOTE Confidence: 0.934964584

00:24:09.190 --> 00:24:09.898 Top tubes, right?

NOTE Confidence: 0.934964584

00:24:09.898 --> 00:24:11.314 We're getting a CBC every morning

NOTE Confidence: 0.934964584

00:24:11.314 --> 00:24:12.719 whether or not they needed it right,

NOTE Confidence: 0.934964584

00:24:12.720 --> 00:24:14.995 but this person may not come back

NOTE Confidence: 0.934964584

00:24:14.995 --> 00:24:16.948 for three months or ever right,

NOTE Confidence: 0.934964584

00:24:16.950 --> 00:24:18.217 and maybe you check their labs and

NOTE Confidence: 0.934964584

00:24:18.217 --> 00:24:19.508 they don't have a working phone number

NOTE Confidence: 0.934964584

00:24:19.508 --> 00:24:21.041 and you can't get in touch with them

NOTE Confidence: 0.934964584

00:24:21.041 --> 00:24:22.319 when you they need blood transfusion,

NOTE Confidence: 0.934964584

00:24:22.320 --> 00:24:22.578 right?

NOTE Confidence: 0.934964584

00:24:22.578 --> 00:24:24.384 And so the part of the clinical
NOTE Confidence: 0.934964584

00:24:24.384 --> 00:24:25.773 reasoning on the outpatient side
NOTE Confidence: 0.934964584

00:24:25.773 --> 00:24:27.684 is not just what is the diagnosis,
NOTE Confidence: 0.934964584

00:24:27.690 --> 00:24:30.042 but you know how worried are
NOTE Confidence: 0.934964584

00:24:30.042 --> 00:24:32.789 we about the more and you know
NOTE Confidence: 0.934964584

00:24:32.789 --> 00:24:33.968 immediately concerning diagnosis
NOTE Confidence: 0.934964584

00:24:33.968 --> 00:24:36.598 and then how does that affect our?
NOTE Confidence: 0.934964584

00:24:36.600 --> 00:24:38.970 Our diagnostic pathway.
NOTE Confidence: 0.83903813375

00:24:40.270 --> 00:24:42.390 Great thanks Ben, and that's a great point.
NOTE Confidence: 0.83903813375

00:24:42.390 --> 00:24:45.253 I think I mentioned triage in the
NOTE Confidence: 0.83903813375

00:24:45.253 --> 00:24:47.338 setting of the step down unit,
NOTE Confidence: 0.83903813375

00:24:47.338 --> 00:24:48.768 but in the outpatient setting
NOTE Confidence: 0.83903813375

00:24:48.768 --> 00:24:50.130 more than anyplace else.
NOTE Confidence: 0.83903813375

00:24:50.130 --> 00:24:52.530 Maybe because you know right?
NOTE Confidence: 0.83903813375

00:24:52.530 --> 00:24:53.697 Within prioritizing differential,
NOTE Confidence: 0.83903813375

00:24:53.697 --> 00:24:57.010 it's just is this patient sick or not sick,

NOTE Confidence: 0.83903813375

00:24:57.010 --> 00:25:00.231 you know so. Alright,

NOTE Confidence: 0.83903813375

00:25:00.231 --> 00:25:03.930 so let's move on to case two.

NOTE Confidence: 0.83903813375

00:25:03.930 --> 00:25:07.530 So this actually a real case of mine.

NOTE Confidence: 0.83903813375

00:25:07.530 --> 00:25:10.771 We a learner who is prepping for

NOTE Confidence: 0.83903813375

00:25:10.771 --> 00:25:13.265 their Saba and this is in the

NOTE Confidence: 0.83903813375

00:25:13.265 --> 00:25:14.830 setting of the inpatient wards.

NOTE Confidence: 0.83903813375

00:25:14.830 --> 00:25:16.960 The presentation they were practicing

NOTE Confidence: 0.83903813375

00:25:16.960 --> 00:25:19.468 oral presentation on rounds and we

NOTE Confidence: 0.83903813375

00:25:19.468 --> 00:25:21.988 had a a man who had been hospitalized

NOTE Confidence: 0.83903813375

00:25:21.988 --> 00:25:23.845 previously for COVID was returning

NOTE Confidence: 0.83903813375

00:25:23.845 --> 00:25:26.065 with shortness of breath and hypoxia

NOTE Confidence: 0.83903813375

00:25:26.070 --> 00:25:29.178 diagnosed with a right lower lobe pneumonia.

NOTE Confidence: 0.83903813375

00:25:29.180 --> 00:25:31.195 And happen mostly getting better

NOTE Confidence: 0.83903813375

00:25:31.195 --> 00:25:34.459 over the week or so on antibiotics,

NOTE Confidence: 0.83903813375

00:25:34.460 --> 00:25:37.316 but just wasn't getting better enough.

NOTE Confidence: 0.83903813375

00:25:37.320 --> 00:25:40.780 So we got a CT scan on her after having
NOTE Confidence: 0.83903813375

00:25:40.872 --> 00:25:43.976 a D dimer which was elevated to 16.
NOTE Confidence: 0.83903813375

00:25:43.980 --> 00:25:46.748 So this is the previous day before the
NOTE Confidence: 0.83903813375

00:25:46.748 --> 00:25:48.519 learner presented and overnight the
NOTE Confidence: 0.83903813375

00:25:48.519 --> 00:25:50.892 patient was found to have a pulmonary
NOTE Confidence: 0.83903813375

00:25:50.962 --> 00:25:53.326 embolism with an echo pending overnight
NOTE Confidence: 0.83903813375

00:25:53.326 --> 00:25:56.906 in the setting of stable hemodynamics,
NOTE Confidence: 0.83903813375

00:25:56.906 --> 00:25:59.798 normal tropes, and BMP.
NOTE Confidence: 0.83903813375

00:25:59.800 --> 00:26:01.393 So we, oh,
NOTE Confidence: 0.83903813375

00:26:01.393 --> 00:26:06.106 I'll be presenting to a Chris this time and
NOTE Confidence: 0.83903813375

00:26:06.106 --> 00:26:09.760 so this was the results for our last poll.
NOTE Confidence: 0.83903813375

00:26:09.760 --> 00:26:12.924 I'll bring up our next poll soon, but Chris
NOTE Confidence: 0.83903813375

00:26:12.924 --> 00:26:17.600 presenting to you so this is our patient.
NOTE Confidence: 0.83903813375

00:26:17.600 --> 00:26:21.660 Mr X overnight there weren't any events
NOTE Confidence: 0.83903813375

00:26:21.660 --> 00:26:23.879 subjectively when I saw him this morning,
NOTE Confidence: 0.83903813375

00:26:23.880 --> 00:26:26.799 he said that his cough and breathing

NOTE Confidence: 0.83903813375

00:26:26.799 --> 00:26:27.633 had improved.

NOTE Confidence: 0.83903813375

00:26:27.640 --> 00:26:29.719 Vitals were stable.

NOTE Confidence: 0.83903813375

00:26:29.719 --> 00:26:33.184 Overnight look comfortable to me.

NOTE Confidence: 0.83903813375

00:26:33.190 --> 00:26:34.126 Normal, cephalic,

NOTE Confidence: 0.83903813375

00:26:34.126 --> 00:26:35.062 atraumatic pupils.

NOTE Confidence: 0.83903813375

00:26:35.062 --> 00:26:36.934 Equal round reactive to

NOTE Confidence: 0.83903813375

00:26:36.934 --> 00:26:38.670 light breathing comfortably.

NOTE Confidence: 0.83903813375

00:26:38.670 --> 00:26:41.169 There was that that crazy that the

NOTE Confidence: 0.83903813375

00:26:41.169 --> 00:26:43.354 crackles and diminished sounds at the

NOTE Confidence: 0.83903813375

00:26:43.354 --> 00:26:45.448 right base normal active bowel sounds

NOTE Confidence: 0.83903813375

00:26:45.450 --> 00:26:48.306 AO times 4 cranial nerves intact.

NOTE Confidence: 0.83903813375

00:26:48.310 --> 00:26:51.814 Normal BMP AST was a little bit elevated

NOTE Confidence: 0.83903813375

00:26:51.814 --> 00:26:53.986 to 45. There was a Leukocytosis.

NOTE Confidence: 0.83903813375

00:26:53.986 --> 00:26:57.220 Went up a little bit to 18.9 and there

NOTE Confidence: 0.83903813375

00:26:57.220 --> 00:27:00.560 was a CTA showing a pulmonary embolism so.

NOTE Confidence: 0.83903813375

00:27:00.560 --> 00:27:04.792 This is a 78 year old man with a
NOTE Confidence: 0.83903813375

00:27:04.792 --> 00:27:07.576 recent diagnosis of kovid and ammonia,
NOTE Confidence: 0.83903813375

00:27:07.580 --> 00:27:09.220 admitting with the bacterial pneumonia,
NOTE Confidence: 0.83903813375

00:27:09.220 --> 00:27:11.468 who's improving on antibiotics
NOTE Confidence: 0.83903813375

00:27:11.468 --> 00:27:14.074 for the pneumonia? Will she?
NOTE Confidence: 0.83903813375

00:27:14.074 --> 00:27:16.816 He's completing his seven day course
NOTE Confidence: 0.83903813375

00:27:16.816 --> 00:27:19.158 of antibiotics today will be off.
NOTE Confidence: 0.83903813375

00:27:19.160 --> 00:27:22.176 The oxygen will get for the PE will
NOTE Confidence: 0.83903813375

00:27:22.176 --> 00:27:24.465 continue the heparin drip and we'll
NOTE Confidence: 0.83903813375

00:27:24.465 --> 00:27:27.503 get a TTE today and the patient will
NOTE Confidence: 0.83903813375

00:27:27.503 --> 00:27:30.627 stay on the floors for right now so.
NOTE Confidence: 0.83903813375

00:27:30.627 --> 00:27:33.563 I'm going to leave that up there and
NOTE Confidence: 0.83903813375

00:27:33.563 --> 00:27:36.436 I'm going to give our poll again.
NOTE Confidence: 0.83903813375

00:27:36.440 --> 00:27:39.650 Alright, so we're going to actually.
NOTE Confidence: 0.77852012375

00:27:41.930 --> 00:27:46.498 Maybe restart the pole to the relaunch pole.
NOTE Confidence: 0.77852012375

00:27:46.500 --> 00:27:47.793 Great, it's alright.

NOTE Confidence: 0.77852012375

00:27:47.793 --> 00:27:50.379 So we gotta pull up here.

NOTE Confidence: 0.77852012375

00:27:50.380 --> 00:27:53.161 I want y'all to tell us where you think

NOTE Confidence: 0.77852012375

00:27:53.161 --> 00:27:55.717 this learner is struggling the most.

NOTE Confidence: 0.77852012375

00:27:55.720 --> 00:27:58.048 I will to their credit for those who

NOTE Confidence: 0.77852012375

00:27:58.048 --> 00:27:59.525 are saying problem representation

NOTE Confidence: 0.77852012375

00:27:59.525 --> 00:28:02.015 the people the student did know

NOTE Confidence: 0.77852012375

00:28:02.015 --> 00:28:04.209 which gender the patient was OK so

NOTE Confidence: 0.77852012375

00:28:04.210 --> 00:28:06.975 they at least get points for that.

NOTE Confidence: 0.77852012375

00:28:06.980 --> 00:28:10.557 Alright, so we or numbers are coming

NOTE Confidence: 0.77852012375

00:28:10.557 --> 00:28:13.145 up great and as Chris is thinking

NOTE Confidence: 0.77852012375

00:28:13.145 --> 00:28:15.610 about how he did valuate this patient.

NOTE Confidence: 0.77852012375

00:28:15.610 --> 00:28:18.760 Or this student? Once again,

NOTE Confidence: 0.77852012375

00:28:18.760 --> 00:28:21.880 this is a patient who had a pneumonia,

NOTE Confidence: 0.77852012375

00:28:21.880 --> 00:28:25.396 was diagnosed with a PE overnight,

NOTE Confidence: 0.77852012375

00:28:25.400 --> 00:28:28.004 and had a Pte pending for them.

NOTE Confidence: 0.39940855

00:28:36.020 --> 00:28:36.310 Right?
NOTE Confidence: 0.6713553

00:28:38.590 --> 00:28:42.878 Great. Alright, I'm end pulling sharing
NOTE Confidence: 0.6713553

00:28:42.878 --> 00:28:45.670 the results for everybody. Lots
NOTE Confidence: 0.920071451

00:28:45.670 --> 00:28:47.482 of stuff going on with this
NOTE Confidence: 0.920071451

00:28:47.482 --> 00:28:50.358 learner and I agree. So a Chris.
NOTE Confidence: 0.920071451

00:28:50.358 --> 00:28:54.250 What are your thoughts about this learner?
NOTE Confidence: 0.920071451

00:28:54.250 --> 00:28:55.699 I'll go back to the case actually.
NOTE Confidence: 0.54261005

00:28:59.160 --> 00:29:02.768 Thanks Salon, you know this.
NOTE Confidence: 0.7231483333333333

00:29:02.770 --> 00:29:04.408 Right for me.
NOTE Confidence: 0.7231483333333333

00:29:04.410 --> 00:29:05.793 There's obviously multiple.
NOTE Confidence: 0.7231483333333333

00:29:05.793 --> 00:29:08.559 I think issues going on in
NOTE Confidence: 0.7231483333333333

00:29:08.559 --> 00:29:10.810 in in different domains.
NOTE Confidence: 0.7231483333333333

00:29:10.810 --> 00:29:12.758 Obviously the most striking.
NOTE Confidence: 0.922562945

00:29:15.150 --> 00:29:19.281 Aspect of this is that the new
NOTE Confidence: 0.922562945

00:29:19.281 --> 00:29:22.649 finding of a PE is being kind of
NOTE Confidence: 0.922562945

00:29:22.649 --> 00:29:25.746 underplayed such that it's not even

NOTE Confidence: 0.922562945

00:29:25.746 --> 00:29:28.331 included in the overall assessment.

NOTE Confidence: 0.922562945

00:29:28.340 --> 00:29:31.223 And this is actually quite common,

NOTE Confidence: 0.922562945

00:29:31.223 --> 00:29:35.094 I think in in in terms of.

NOTE Confidence: 0.922562945

00:29:35.100 --> 00:29:38.020 Supervising learners in the inpatient space,

NOTE Confidence: 0.922562945

00:29:38.020 --> 00:29:42.977 I think that I often find that I don't know.

NOTE Confidence: 0.922562945

00:29:42.977 --> 00:29:45.368 I I often think about it as sort of like.

NOTE Confidence: 0.922562945

00:29:45.370 --> 00:29:49.984 For rest and treat issues where learners

NOTE Confidence: 0.922562945

00:29:49.984 --> 00:29:54.106 often have trouble toggling between the

NOTE Confidence: 0.922562945

00:29:54.106 --> 00:29:57.767 individual issues and the bigger picture,

NOTE Confidence: 0.922562945

00:29:57.770 --> 00:29:59.070 and then sometimes even

NOTE Confidence: 0.922562945

00:29:59.070 --> 00:30:00.370 within the individual issues,

NOTE Confidence: 0.922562945

00:30:00.370 --> 00:30:03.850 it can be difficult to keep them all.

NOTE Confidence: 0.922562945

00:30:03.850 --> 00:30:06.265 Kind of, you know on the desktop,

NOTE Confidence: 0.922562945

00:30:06.270 --> 00:30:07.944 so to speak,

NOTE Confidence: 0.922562945

00:30:07.944 --> 00:30:10.734 simultaneously and and prioritize between

NOTE Confidence: 0.922562945

00:30:10.734 --> 00:30:15.700 them so you know the to me that the the.

NOTE Confidence: 0.922562945

00:30:15.700 --> 00:30:18.297 The issue here instead of just focusing

NOTE Confidence: 0.922562945

00:30:18.300 --> 00:30:22.936 on pneumonia really is is really,

NOTE Confidence: 0.922562945

00:30:22.940 --> 00:30:26.882 you know what I one of the the strategies

NOTE Confidence: 0.922562945

00:30:26.882 --> 00:30:30.074 that I would employ with this learner

NOTE Confidence: 0.922562945

00:30:30.074 --> 00:30:33.648 is to try and direct them to really

NOTE Confidence: 0.922562945

00:30:33.648 --> 00:30:36.060 consider the patients respiratory

NOTE Confidence: 0.922562945

00:30:36.060 --> 00:30:38.660 status and breathing complaints as a

NOTE Confidence: 0.922562945

00:30:38.660 --> 00:30:42.260 whole sort of on a more macroscopic

NOTE Confidence: 0.922562945

00:30:42.260 --> 00:30:45.769 level and then sort of dialing in on.

NOTE Confidence: 0.922562945

00:30:45.770 --> 00:30:48.300 What are the various components

NOTE Confidence: 0.922562945

00:30:48.300 --> 00:30:50.830 that are contributing to that?

NOTE Confidence: 0.922562945

00:30:50.830 --> 00:30:52.718 A superimposed bacterial pneumonia?

NOTE Confidence: 0.922562945

00:30:52.718 --> 00:30:56.270 A new diagnosis of a pulmonary embolism?

NOTE Confidence: 0.922562945

00:30:56.270 --> 00:30:57.710 What's the, you know?

NOTE Confidence: 0.922562945

00:30:57.710 --> 00:31:00.510 What's the backdrop of of COVID here?

NOTE Confidence: 0.922562945

00:31:00.510 --> 00:31:03.250 Because it's obviously not unrelated.

NOTE Confidence: 0.922562945

00:31:03.250 --> 00:31:04.624 And who knows,

NOTE Confidence: 0.922562945

00:31:04.624 --> 00:31:07.372 maybe we need to be thinking

NOTE Confidence: 0.922562945

00:31:07.372 --> 00:31:10.460 about additional other things so.

NOTE Confidence: 0.922562945

00:31:10.460 --> 00:31:12.820 To me that would be the foothold

NOTE Confidence: 0.922562945

00:31:12.820 --> 00:31:15.980 or or sort of the.

NOTE Confidence: 0.922562945

00:31:15.980 --> 00:31:18.518 Place that I would start and and and

NOTE Confidence: 0.922562945

00:31:18.520 --> 00:31:21.348 engage this learner in a discussion and

NOTE Confidence: 0.922562945

00:31:21.348 --> 00:31:24.289 maybe then kind of get at where they

NOTE Confidence: 0.922562945

00:31:24.289 --> 00:31:26.860 were coming from and and and what why

NOTE Confidence: 0.922562945

00:31:26.860 --> 00:31:29.200 it was they maybe felt like they were

NOTE Confidence: 0.922562945

00:31:29.200 --> 00:31:33.080 so sort of focused on the the pneumonia.

NOTE Confidence: 0.922562945

00:31:33.080 --> 00:31:35.740 And to the exclusion of other things.

NOTE Confidence: 0.9373904995

00:31:36.480 --> 00:31:38.688 Yeah, and you know I agree with the

NOTE Confidence: 0.9373904995

00:31:38.688 --> 00:31:41.138 group and I put up the pole with

NOTE Confidence: 0.9373904995

00:31:41.138 --> 00:31:42.855 the results were definitely issues
NOTE Confidence: 0.9373904995

00:31:42.855 --> 00:31:45.765 with this learner across the board.
NOTE Confidence: 0.9373904995

00:31:45.770 --> 00:31:48.002 My biggest take as far as why I put
NOTE Confidence: 0.9373904995

00:31:48.002 --> 00:31:49.893 problem representation as part of this
NOTE Confidence: 0.9373904995

00:31:49.893 --> 00:31:52.081 is that the learner just didn't know
NOTE Confidence: 0.9373904995

00:31:52.081 --> 00:31:54.249 what was going on and what was most
NOTE Confidence: 0.9373904995

00:31:54.250 --> 00:31:58.976 important to the patient and maybe I see
NOTE Confidence: 0.9373904995

00:31:58.976 --> 00:32:02.120 doctor Lancaster here asking about that.
NOTE Confidence: 0.9373904995

00:32:02.120 --> 00:32:03.550 Whether the you know the
NOTE Confidence: 0.9373904995

00:32:03.550 --> 00:32:05.380 practice of cut and paste right?
NOTE Confidence: 0.9373904995

00:32:05.380 --> 00:32:07.548 So this learner was picking up the patient.
NOTE Confidence: 0.9373904995

00:32:07.550 --> 00:32:08.670 From the previous day,
NOTE Confidence: 0.9373904995

00:32:08.670 --> 00:32:10.680 and maybe had just like folks like.
NOTE Confidence: 0.9373904995

00:32:10.680 --> 00:32:11.640 Alright, this pneumonia,
NOTE Confidence: 0.9373904995

00:32:11.640 --> 00:32:12.920 pneumonia, pneumonia like appease
NOTE Confidence: 0.9373904995

00:32:12.920 --> 00:32:14.170 their I'm reporting a CTA.

NOTE Confidence: 0.9373904995

00:32:14.170 --> 00:32:16.508 But actually like what was new and

NOTE Confidence: 0.9373904995

00:32:16.508 --> 00:32:18.632 dynamic was that this patient had a

NOTE Confidence: 0.9373904995

00:32:18.632 --> 00:32:21.142 PE and it did make me wonder also

NOTE Confidence: 0.9373904995

00:32:21.142 --> 00:32:23.740 about the learners ability to collect

NOTE Confidence: 0.9373904995

00:32:23.740 --> 00:32:25.339 information also from the chart,

NOTE Confidence: 0.9373904995

00:32:25.339 --> 00:32:27.040 but as you would imagine that it

NOTE Confidence: 0.9373904995

00:32:27.097 --> 00:32:28.669 would affect things downstream.

NOTE Confidence: 0.9373904995

00:32:28.670 --> 00:32:30.308 So in this patient you know

NOTE Confidence: 0.9373904995

00:32:30.308 --> 00:32:31.990 as you're as you're you know,

NOTE Confidence: 0.9373904995

00:32:31.990 --> 00:32:34.438 on the boards in clinic trying to figure

NOTE Confidence: 0.9373904995

00:32:34.438 --> 00:32:37.177 out what teaching point for your learners.

NOTE Confidence: 0.9373904995

00:32:37.180 --> 00:32:38.800 I think I probably would have

NOTE Confidence: 0.9373904995

00:32:38.800 --> 00:32:40.894 focused on those. 2 steps at least.

NOTE Confidence: 0.9373904995

00:32:40.894 --> 00:32:43.260 Just because we knew that the patient

NOTE Confidence: 0.9373904995

00:32:43.260 --> 00:32:45.801 had a pulmonary embolism right now and

NOTE Confidence: 0.9373904995

00:32:45.801 --> 00:32:48.647 it was being reasonably well managed,
NOTE Confidence: 0.9373904995

00:32:48.650 --> 00:32:50.515 though there are certainly other
NOTE Confidence: 0.9373904995

00:32:50.515 --> 00:32:52.380 things that we could do.
NOTE Confidence: 0.9373904995

00:32:52.380 --> 00:32:53.790 And there weren't like other new
NOTE Confidence: 0.9373904995

00:32:53.790 --> 00:32:55.204 like diagnosis that we were working
NOTE Confidence: 0.9373904995

00:32:55.204 --> 00:32:56.060 up at that point,
NOTE Confidence: 0.9373904995

00:32:56.060 --> 00:32:57.656 so that's why I probably would
NOTE Confidence: 0.9373904995

00:32:57.656 --> 00:32:59.160 focus on those two topics.
NOTE Confidence: 0.9373904995

00:32:59.160 --> 00:32:59.854 But honestly,
NOTE Confidence: 0.9373904995

00:32:59.854 --> 00:33:01.936 when you're teaching on the fly,
NOTE Confidence: 0.9373904995

00:33:01.940 --> 00:33:03.610 sometimes you just have to
NOTE Confidence: 0.9373904995

00:33:03.610 --> 00:33:04.946 pick what's most compelling.
NOTE Confidence: 0.9373904995

00:33:04.950 --> 00:33:05.644 So next,
NOTE Confidence: 0.9373904995

00:33:05.644 --> 00:33:08.420 we're going to move on to case three
NOTE Confidence: 0.9373904995

00:33:08.501 --> 00:33:12.430 with Emily, so this is we have an in.
NOTE Confidence: 0.9373904995

00:33:12.430 --> 00:33:14.680 We're on the inpatient ID console

NOTE Confidence: 0.9373904995

00:33:14.680 --> 00:33:16.909 service we are working with a

NOTE Confidence: 0.9373904995

00:33:16.909 --> 00:33:18.877 fellow and we're staffing a new

NOTE Confidence: 0.9373904995

00:33:18.877 --> 00:33:20.876 console at the end of the day,

NOTE Confidence: 0.9373904995

00:33:20.880 --> 00:33:24.504 so our situation is so we have a 62 year old,

NOTE Confidence: 0.9373904995

00:33:24.504 --> 00:33:26.892 previously healthy woman who presents with

NOTE Confidence: 0.9373904995

00:33:26.892 --> 00:33:29.569 syncope in the setting of fever on arrival.

NOTE Confidence: 0.9373904995

00:33:29.570 --> 00:33:31.790 Since the admission 4 days ago,

NOTE Confidence: 0.9373904995

00:33:31.790 --> 00:33:32.954 neurological symptoms resolved.

NOTE Confidence: 0.9373904995

00:33:32.954 --> 00:33:33.730 In fact,

NOTE Confidence: 0.9373904995

00:33:33.730 --> 00:33:35.610 they resolved in the ambulance.

NOTE Confidence: 0.9373904995

00:33:35.610 --> 00:33:37.446 On the way to the hospital,

NOTE Confidence: 0.9373904995

00:33:37.450 --> 00:33:39.916 but the patient is still having

NOTE Confidence: 0.9373904995

00:33:39.916 --> 00:33:42.672 fevers at night while on antibiotics

NOTE Confidence: 0.9373904995

00:33:42.672 --> 00:33:44.740 for a possible pneumonia.

NOTE Confidence: 0.9373904995

00:33:44.740 --> 00:33:47.536 Alright, so here is our know.

NOTE Confidence: 0.9373904995

00:33:47.540 --> 00:33:48.780 Emily you ready for this?
NOTE Confidence: 0.9373904995

00:33:48.780 --> 00:33:50.663 I I apologize if this isn't quite
NOTE Confidence: 0.9373904995

00:33:50.663 --> 00:33:52.260 the caliber of your fellows.
NOTE Confidence: 0.9373904995

00:33:52.260 --> 00:33:53.905 I had to simulate what it's like
NOTE Confidence: 0.9373904995

00:33:53.905 --> 00:33:55.080 to be a fellow.
NOTE Confidence: 0.9373904995

00:33:55.080 --> 00:33:56.718 Really get into that mindset is it's
NOTE Confidence: 0.9373904995

00:33:56.718 --> 00:33:58.398 not what my champ and that meant I
NOTE Confidence: 0.9373904995

00:33:58.398 --> 00:34:00.293 had to do an ID history which is
NOTE Confidence: 0.9373904995

00:34:00.293 --> 00:34:01.818 asking about all these questions.
NOTE Confidence: 0.9373904995

00:34:01.820 --> 00:34:05.600 I might not always do so anyway,
NOTE Confidence: 0.9373904995

00:34:05.600 --> 00:34:07.352 so the reason for console doctor
NOTE Confidence: 0.9373904995

00:34:07.352 --> 00:34:09.994 AB dollar is you know this is 62
NOTE Confidence: 0.9373904995

00:34:09.994 --> 00:34:11.754 year old previously healthy woman
NOTE Confidence: 0.9373904995

00:34:11.754 --> 00:34:13.398 presented with syncope in the
NOTE Confidence: 0.9373904995

00:34:13.398 --> 00:34:14.859 setting of fever Leukocytosis.
NOTE Confidence: 0.9373904995

00:34:14.859 --> 00:34:15.937 Elevated procul,

NOTE Confidence: 0.9373904995

00:34:15.937 --> 00:34:19.710 CRP and lactate being treated with them.

NOTE Confidence: 0.9373904995

00:34:19.710 --> 00:34:21.214 Pneumonia with ceftriaxone and

NOTE Confidence: 0.9373904995

00:34:21.214 --> 00:34:23.094 doxycycline since admission or sing

NOTE Confidence: 0.9373904995

00:34:23.094 --> 00:34:25.328 to me in all that has gotten better,

NOTE Confidence: 0.893338548333333

00:34:25.330 --> 00:34:27.526 but she still has a fever.

NOTE Confidence: 0.893338548333333

00:34:27.530 --> 00:34:31.200 The fever ranges from 100 to 102 occurring

NOTE Confidence: 0.893338548333333

00:34:31.200 --> 00:34:33.390 at various times during the day.

NOTE Confidence: 0.893338548333333

00:34:33.390 --> 00:34:35.448 Worker has been unraveling with you.

NOTE Confidence: 0.893338548333333

00:34:35.450 --> 00:34:37.016 A bland cultures,

NOTE Confidence: 0.893338548333333

00:34:37.016 --> 00:34:39.104 negative respiratory viral panel,

NOTE Confidence: 0.893338548333333

00:34:39.110 --> 00:34:41.534 negative X ray didn't really show

NOTE Confidence: 0.893338548333333

00:34:41.534 --> 00:34:43.972 anything to be honest and that CT

NOTE Confidence: 0.893338548333333

00:34:43.972 --> 00:34:45.890 abdomen pelvis that they got a couple

NOTE Confidence: 0.893338548333333

00:34:45.946 --> 00:34:47.676 days ago was also unremarkable.

NOTE Confidence: 0.893338548333333

00:34:47.680 --> 00:34:50.119 On my history, she endorsed a 10 to 15

NOTE Confidence: 0.893338548333333

00:34:50.119 --> 00:34:52.739 pound weight loss over the past few months.
NOTE Confidence: 0.893338548333333

00:34:52.740 --> 00:34:54.276 I wasn't really sure if it was intentional,
NOTE Confidence: 0.893338548333333

00:34:54.280 --> 00:34:54.977 unintentional,
NOTE Confidence: 0.893338548333333

00:34:54.977 --> 00:34:59.856 but didn't really have any other symptoms.
NOTE Confidence: 0.893338548333333

00:34:59.860 --> 00:35:02.140 ** *** denied any travel or
NOTE Confidence: 0.893338548333333

00:35:02.140 --> 00:35:03.660 tick or animal exposures.
NOTE Confidence: 0.893338548333333

00:35:03.660 --> 00:35:04.620 Emily, that's something that we have
NOTE Confidence: 0.893338548333333

00:35:04.620 --> 00:35:05.948 to ask now that we're in Connecticut.
NOTE Confidence: 0.893338548333333

00:35:05.950 --> 00:35:08.638 Everybody has like potential tick exposures.
NOTE Confidence: 0.893338548333333

00:35:08.640 --> 00:35:10.440 She's not sexually active,
NOTE Confidence: 0.893338548333333

00:35:10.440 --> 00:35:13.730 nor does she have a history of STI's
NOTE Confidence: 0.893338548333333

00:35:13.730 --> 00:35:16.040 not on any meds or other antibiotics,
NOTE Confidence: 0.893338548333333

00:35:16.040 --> 00:35:17.224 for example,
NOTE Confidence: 0.893338548333333

00:35:17.224 --> 00:35:19.466 is pretty unremarkable looking
NOTE Confidence: 0.893338548333333

00:35:19.466 --> 00:35:21.796 clinically quite well without any
NOTE Confidence: 0.893338548333333

00:35:21.796 --> 00:35:24.160 adventitious cardiac or pulmonary sounds.

NOTE Confidence: 0.893338548333333
00:35:24.160 --> 00:35:26.494 In addition to having a benign
NOTE Confidence: 0.893338548333333
00:35:26.494 --> 00:35:28.050 abdominal and neurological exam,
NOTE Confidence: 0.893338548333333
00:35:28.050 --> 00:35:29.865 she didn't really have any rashes either, so.
NOTE Confidence: 0.893338548333333
00:35:29.865 --> 00:35:31.530 You know, if I had to sum it up,
NOTE Confidence: 0.893338548333333
00:35:31.530 --> 00:35:33.246 we have a case of fever,
NOTE Confidence: 0.893338548333333
00:35:33.250 --> 00:35:35.210 fever of unknown origin,
NOTE Confidence: 0.893338548333333
00:35:35.210 --> 00:35:38.175 plus minus in an elderly woman with
NOTE Confidence: 0.893338548333333
00:35:38.175 --> 00:35:39.763 elevated inflammatory markers currently
NOTE Confidence: 0.893338548333333
00:35:39.763 --> 00:35:42.089 on antibiotics with clinical improvement
NOTE Confidence: 0.893338548333333
00:35:42.089 --> 00:35:44.424 but persistent fever most likely.
NOTE Confidence: 0.893338548333333
00:35:44.430 --> 00:35:46.320 Etiology is resolving viral process
NOTE Confidence: 0.893338548333333
00:35:46.320 --> 00:35:48.210 as it's not really responding.
NOTE Confidence: 0.893338548333333
00:35:48.210 --> 00:35:50.310 Antibiotics maybe a cavitating
NOTE Confidence: 0.893338548333333
00:35:50.310 --> 00:35:51.885 bacterial pneumonia Abscess,
NOTE Confidence: 0.893338548333333
00:35:51.890 --> 00:35:53.774 but it seems less likely she
NOTE Confidence: 0.893338548333333

00:35:53.774 --> 00:35:55.030 doesn't really seem sick.
NOTE Confidence: 0.893338548333333

00:35:55.030 --> 00:35:56.442 Maybe a drug reaction.
NOTE Confidence: 0.893338548333333

00:35:56.442 --> 00:35:57.148 That said,
NOTE Confidence: 0.893338548333333

00:35:57.150 --> 00:35:58.485 the primary teams pretty worried
NOTE Confidence: 0.893338548333333

00:35:58.485 --> 00:36:00.030 and they did call us so.
NOTE Confidence: 0.893338548333333

00:36:00.030 --> 00:36:02.676 You know we could broaden the antibiotics.
NOTE Confidence: 0.893338548333333

00:36:02.680 --> 00:36:03.776 And also, you know,
NOTE Confidence: 0.893338548333333

00:36:03.776 --> 00:36:06.044 maybe we could just do like a broader
NOTE Confidence: 0.893338548333333

00:36:06.044 --> 00:36:07.997 work up to rule other things out.
NOTE Confidence: 0.893338548333333

00:36:08.000 --> 00:36:09.416 There was a weight loss so
NOTE Confidence: 0.893338548333333

00:36:09.416 --> 00:36:11.220 we can get a quantum goal.
NOTE Confidence: 0.893338548333333

00:36:11.220 --> 00:36:13.340 We can check some of those urine antigens.
NOTE Confidence: 0.893338548333333

00:36:13.340 --> 00:36:15.545 We can send some fungal studies to,
NOTE Confidence: 0.893338548333333

00:36:15.550 --> 00:36:17.656 maybe check for Lyme as well.
NOTE Confidence: 0.893338548333333

00:36:17.660 --> 00:36:20.090 I know she didn't say that she had any
NOTE Confidence: 0.893338548333333

00:36:20.090 --> 00:36:22.156 exposures and other tick borne illnesses.

NOTE Confidence: 0.893338548333333
00:36:22.160 --> 00:36:23.854 I probably wouldn't get a CT chest
NOTE Confidence: 0.893338548333333
00:36:23.854 --> 00:36:25.798 yet or or call palm for abroad,
NOTE Confidence: 0.893338548333333
00:36:25.800 --> 00:36:27.576 but we could start considering it.
NOTE Confidence: 0.893338548333333
00:36:27.580 --> 00:36:28.740 I will say this though,
NOTE Confidence: 0.893338548333333
00:36:28.740 --> 00:36:30.567 the patient really wants to be discharged
NOTE Confidence: 0.893338548333333
00:36:30.567 --> 00:36:32.825 soon as she's been feeling well for a while.
NOTE Confidence: 0.893338548333333
00:36:32.830 --> 00:36:37.464 So I'm going to relaunch our poll.
NOTE Confidence: 0.893338548333333
00:36:37.470 --> 00:36:40.290 For everybody to think about and
NOTE Confidence: 0.893338548333333
00:36:40.290 --> 00:36:43.270 start thinking about where you
NOTE Confidence: 0.893338548333333
00:36:43.270 --> 00:36:46.250 would diagnose where this learner
NOTE Confidence: 0.893338548333333
00:36:46.345 --> 00:36:49.140 might be struggling right now.
NOTE Confidence: 0.893338548333333
00:36:49.140 --> 00:36:49.802 And, uh,
NOTE Confidence: 0.893338548333333
00:36:49.802 --> 00:36:50.133 yeah,
NOTE Confidence: 0.893338548333333
00:36:50.133 --> 00:36:52.450 I'll give a few minutes for not
NOTE Confidence: 0.893338548333333
00:36:52.523 --> 00:36:54.677 a few minutes a few seconds
NOTE Confidence: 0.893338548333333

00:36:54.677 --> 00:36:56.410 for everybody to chime in.
NOTE Confidence: 0.689558736666667

00:37:00.530 --> 00:37:02.942 Also, to hydrate as you know,
NOTE Confidence: 0.689558736666667

00:37:02.942 --> 00:37:04.634 excited as I am to play
NOTE Confidence: 0.689558736666667

00:37:04.634 --> 00:37:06.250 these as these characters.
NOTE Confidence: 0.689558736666667

00:37:06.250 --> 00:37:08.180 Certainly it takes a toll
NOTE Confidence: 0.689558736666667

00:37:08.180 --> 00:37:09.724 on the hydration status.
NOTE Confidence: 0.689558736666667

00:37:09.730 --> 00:37:11.248 Alright, so we have 20 there.
NOTE Confidence: 0.689558736666667

00:37:11.250 --> 00:37:13.105 Can we get a few more folks
NOTE Confidence: 0.689558736666667

00:37:13.105 --> 00:37:14.500 to participate in the poll?
NOTE Confidence: 0.42828453

00:37:16.360 --> 00:37:19.970 Right? Alright ending
NOTE Confidence: 0.868214043636364

00:37:19.980 --> 00:37:22.145 poll. Sharing our results of
NOTE Confidence: 0.868214043636364

00:37:22.145 --> 00:37:25.040 what's going on with this learner.
NOTE Confidence: 0.868214043636364

00:37:25.040 --> 00:37:26.496 Alright, Emily, I thought
NOTE Confidence: 0.868214043636364

00:37:26.496 --> 00:37:28.316 this was a management case.
NOTE Confidence: 0.868214043636364

00:37:28.320 --> 00:37:30.110 Totally fair for other things
NOTE Confidence: 0.868214043636364

00:37:30.110 --> 00:37:32.440 to be going on to Emily.

NOTE Confidence: 0.868214043636364
00:37:32.440 --> 00:37:33.990 What is what are your
NOTE Confidence: 0.868214043636364
00:37:33.990 --> 00:37:35.540 thoughts on our fellow here?
NOTE Confidence: 0.8076499715
00:37:37.110 --> 00:37:39.399 So thanks, Salon, and this is such
NOTE Confidence: 0.8076499715
00:37:39.399 --> 00:37:41.850 a good case to bring out from a
NOTE Confidence: 0.8076499715
00:37:41.850 --> 00:37:43.990 from an ID con cult perspective I
NOTE Confidence: 0.8076499715
00:37:43.990 --> 00:37:46.240 I really marked that the learner
NOTE Confidence: 0.8076499715
00:37:46.240 --> 00:37:48.618 was struggling in all of the areas
NOTE Confidence: 0.8076499715
00:37:48.618 --> 00:37:50.183 and like you mentioned earlier,
NOTE Confidence: 0.8076499715
00:37:50.190 --> 00:37:52.554 it has spilled over effect into
NOTE Confidence: 0.8076499715
00:37:52.554 --> 00:37:55.240 this up into the subsequent sort
NOTE Confidence: 0.8076499715
00:37:55.240 --> 00:37:58.318 of steps in in clinical reasoning,
NOTE Confidence: 0.8076499715
00:37:58.320 --> 00:38:01.134 culminating in a lot of sort
NOTE Confidence: 0.8076499715
00:38:01.134 --> 00:38:03.010 of management errors here,
NOTE Confidence: 0.8076499715
00:38:03.010 --> 00:38:05.285 I think that you know you could
NOTE Confidence: 0.8076499715
00:38:05.285 --> 00:38:07.310 trace this back to data collection
NOTE Confidence: 0.8076499715

00:38:07.310 --> 00:38:09.585 and I saw that that was low.

NOTE Confidence: 0.8076499715

00:38:09.590 --> 00:38:11.234 In terms of where people thought

NOTE Confidence: 0.8076499715

00:38:11.234 --> 00:38:12.970 that the learner had struggled and

NOTE Confidence: 0.8076499715

00:38:12.970 --> 00:38:14.716 and certainly there's a lot of,

NOTE Confidence: 0.8076499715

00:38:14.720 --> 00:38:16.430 there's a lot of data collected,

NOTE Confidence: 0.8076499715

00:38:16.430 --> 00:38:17.907 but maybe not all the data that

NOTE Confidence: 0.8076499715

00:38:17.907 --> 00:38:19.080 needs to be collected,

NOTE Confidence: 0.8076499715

00:38:19.080 --> 00:38:21.180 and maybe some data that that

NOTE Confidence: 0.8076499715

00:38:21.180 --> 00:38:22.580 shouldn't have been collected.

NOTE Confidence: 0.8076499715

00:38:22.580 --> 00:38:24.602 I tend to think especially as

NOTE Confidence: 0.8076499715

00:38:24.602 --> 00:38:25.613 an ID consultant.

NOTE Confidence: 0.8076499715

00:38:25.620 --> 00:38:27.024 Every sort of follow-up

NOTE Confidence: 0.8076499715

00:38:27.024 --> 00:38:28.779 question I ask that gets,

NOTE Confidence: 0.8076499715

00:38:28.780 --> 00:38:29.360 you know,

NOTE Confidence: 0.8076499715

00:38:29.360 --> 00:38:31.390 really personal or even odd and and

NOTE Confidence: 0.8076499715

00:38:31.390 --> 00:38:33.658 gets raised eyebrows from the patient,

NOTE Confidence: 0.8076499715

00:38:33.660 --> 00:38:35.280 is another diagnostic test.

NOTE Confidence: 0.8076499715

00:38:35.280 --> 00:38:37.710 Is a management step for me

NOTE Confidence: 0.8076499715

00:38:37.788 --> 00:38:39.408 because it's time and.

NOTE Confidence: 0.8076499715

00:38:39.410 --> 00:38:40.822 It's getting into somebody's

NOTE Confidence: 0.8076499715

00:38:40.822 --> 00:38:41.528 personal history,

NOTE Confidence: 0.8076499715

00:38:41.530 --> 00:38:43.364 and so I think there were some

NOTE Confidence: 0.8076499715

00:38:43.364 --> 00:38:45.073 problems with that here and asking

NOTE Confidence: 0.8076499715

00:38:45.073 --> 00:38:46.518 questions that maybe didn't need

NOTE Confidence: 0.8076499715

00:38:46.518 --> 00:38:48.674 to be asked yet and maybe avoiding

NOTE Confidence: 0.8076499715

00:38:48.674 --> 00:38:50.480 or not asking some questions that

NOTE Confidence: 0.8076499715

00:38:50.480 --> 00:38:52.160 that should have been asked and

NOTE Confidence: 0.8076499715

00:38:52.160 --> 00:38:53.870 then from there there's really,

NOTE Confidence: 0.8076499715

00:38:53.870 --> 00:38:54.504 you know,

NOTE Confidence: 0.8076499715

00:38:54.504 --> 00:38:56.723 there's the focus on the persistent fever,

NOTE Confidence: 0.8076499715

00:38:56.730 --> 00:39:00.896 but they they sort of leave out what,

NOTE Confidence: 0.8076499715

00:39:00.896 --> 00:39:03.026 if anything, is localising here?
NOTE Confidence: 0.8076499715

00:39:03.030 --> 00:39:05.228 What about the syncope did we ever
NOTE Confidence: 0.8076499715

00:39:05.228 --> 00:39:08.162 come up with a reason for it as an ID
NOTE Confidence: 0.8076499715

00:39:08.162 --> 00:39:10.529 consultant I get to leave other causes.
NOTE Confidence: 0.8076499715

00:39:10.530 --> 00:39:11.070 Beside,
NOTE Confidence: 0.8076499715

00:39:11.070 --> 00:39:13.770 besides sepsis to the side,
NOTE Confidence: 0.8076499715

00:39:13.770 --> 00:39:16.486 which is a great part of sub
NOTE Confidence: 0.8076499715

00:39:16.486 --> 00:39:18.818 specializing for me but I I don't
NOTE Confidence: 0.8076499715

00:39:18.818 --> 00:39:20.570 really get how that's fitting in.
NOTE Confidence: 0.8076499715

00:39:20.570 --> 00:39:22.430 If it's fitting in nor anything
NOTE Confidence: 0.8076499715

00:39:22.430 --> 00:39:24.428 about the fact that this is
NOTE Confidence: 0.8076499715

00:39:24.428 --> 00:39:25.808 being called in pneumonia,
NOTE Confidence: 0.8076499715

00:39:25.810 --> 00:39:28.022 but there was nothing on imaging nor
NOTE Confidence: 0.8076499715

00:39:28.022 --> 00:39:30.545 any sort of respiratory symptoms or
NOTE Confidence: 0.8076499715

00:39:30.545 --> 00:39:32.549 respiratory abnormalities that would
NOTE Confidence: 0.8076499715

00:39:32.549 --> 00:39:35.642 make that where we hang our hat from there.

NOTE Confidence: 0.8076499715

00:39:35.642 --> 00:39:37.238 Like let's say that we had

NOTE Confidence: 0.8076499715

00:39:37.238 --> 00:39:39.082 broken things down and had a

NOTE Confidence: 0.8076499715

00:39:39.082 --> 00:39:40.024 good problem representation,

NOTE Confidence: 0.8076499715

00:39:40.030 --> 00:39:40.550 I think.

NOTE Confidence: 0.8076499715

00:39:40.550 --> 00:39:42.110 But the the management here is

NOTE Confidence: 0.8076499715

00:39:42.110 --> 00:39:44.095 just sort of scattered all over the

NOTE Confidence: 0.8076499715

00:39:44.095 --> 00:39:45.891 place and I think something like

NOTE Confidence: 0.8076499715

00:39:45.891 --> 00:39:47.536 a management script which you've

NOTE Confidence: 0.8076499715

00:39:47.536 --> 00:39:49.592 alluded to several times in here.

NOTE Confidence: 0.8076499715

00:39:49.592 --> 00:39:52.390 And of course I have you and Andrew

NOTE Confidence: 0.8076499715

00:39:52.390 --> 00:39:55.137 to thank for that could be really

NOTE Confidence: 0.8076499715

00:39:55.137 --> 00:39:57.523 helpful for organizing the steps to

NOTE Confidence: 0.8076499715

00:39:57.523 --> 00:39:59.700 take in terms of working this up

NOTE Confidence: 0.8076499715

00:39:59.775 --> 00:40:02.890 further thinking about So what other history?

NOTE Confidence: 0.8076499715

00:40:02.890 --> 00:40:04.786 What other questions do we want to ask

NOTE Confidence: 0.8076499715

00:40:04.786 --> 00:40:07.078 if we're considering that a diagnostic test?

NOTE Confidence: 0.8076499715

00:40:07.080 --> 00:40:08.984 But what lab tests would we prioritize

NOTE Confidence: 0.8076499715

00:40:08.984 --> 00:40:10.908 out of all the different ones?

NOTE Confidence: 0.8076499715

00:40:10.910 --> 00:40:13.388 You could send what imaging studies

NOTE Confidence: 0.8076499715

00:40:13.388 --> 00:40:16.147 would we think about what treatments

NOTE Confidence: 0.8076499715

00:40:16.147 --> 00:40:18.727 or procedures would be necessary,

NOTE Confidence: 0.8076499715

00:40:18.730 --> 00:40:19.068 really?

NOTE Confidence: 0.8076499715

00:40:19.068 --> 00:40:21.096 Categorizing it to think about each

NOTE Confidence: 0.8076499715

00:40:21.096 --> 00:40:23.208 thing in detail and what we're going

NOTE Confidence: 0.8076499715

00:40:23.208 --> 00:40:25.448 to do and what we aren't going to do

NOTE Confidence: 0.8076499715

00:40:25.450 --> 00:40:27.326 and in terms of making that decision.

NOTE Confidence: 0.8076499715

00:40:27.330 --> 00:40:29.646 This is where you could talk

NOTE Confidence: 0.8076499715

00:40:29.646 --> 00:40:31.190 about thresholds quite a

NOTE Confidence: 0.941876501818182

00:40:31.271 --> 00:40:33.665 bit because the the learner hasn't

NOTE Confidence: 0.941876501818182

00:40:33.665 --> 00:40:35.840 really insinuated how these different

NOTE Confidence: 0.941876501818182

00:40:35.912 --> 00:40:37.766 tests are going to help them.

NOTE Confidence: 0.941876501818182
00:40:37.770 --> 00:40:41.004 So for instance, the threshold for getting.
NOTE Confidence: 0.941876501818182
00:40:41.010 --> 00:40:42.970 Getting a Quantiferon if even
NOTE Confidence: 0.941876501818182
00:40:42.970 --> 00:40:44.930 outside of like Bayesian reasoning.
NOTE Confidence: 0.941876501818182
00:40:44.930 --> 00:40:46.398 If we're just thinking,
NOTE Confidence: 0.941876501818182
00:40:46.398 --> 00:40:48.233 does that make me automatically
NOTE Confidence: 0.941876501818182
00:40:48.233 --> 00:40:50.897 assume this is this is disseminated
NOTE Confidence: 0.941876501818182
00:40:50.897 --> 00:40:52.685 tuberculosis or pulmonary tuberculosis?
NOTE Confidence: 0.941876501818182
00:40:52.690 --> 00:40:55.486 What's what's going to change based
NOTE Confidence: 0.941876501818182
00:40:55.486 --> 00:40:57.694 on on the results of that test and
NOTE Confidence: 0.941876501818182
00:40:57.694 --> 00:40:59.779 in terms of helping the learner
NOTE Confidence: 0.941876501818182
00:40:59.779 --> 00:41:02.228 think about should we get it or not?
NOTE Confidence: 0.941876501818182
00:41:02.230 --> 00:41:04.330 Is it going to change our management?
NOTE Confidence: 0.941876501818182
00:41:04.330 --> 00:41:07.221 Is it going to influence our differential
NOTE Confidence: 0.941876501818182
00:41:07.221 --> 00:41:09.142 diagnosis so this would be this
NOTE Confidence: 0.941876501818182
00:41:09.142 --> 00:41:11.620 would be sort of a a terrifying.
NOTE Confidence: 0.941876501818182

00:41:11.620 --> 00:41:13.205 Presentation to get 'cause it
NOTE Confidence: 0.941876501818182

00:41:13.205 --> 00:41:16.001 would mean a lot more work to do to
NOTE Confidence: 0.941876501818182

00:41:16.001 --> 00:41:17.717 sort of ask the right questions.
NOTE Confidence: 0.941876501818182

00:41:17.720 --> 00:41:20.054 Figure out what really is the
NOTE Confidence: 0.941876501818182

00:41:20.054 --> 00:41:22.270 problem we're trying to address.
NOTE Confidence: 0.941876501818182

00:41:22.270 --> 00:41:24.540 Classify the different options into
NOTE Confidence: 0.941876501818182

00:41:24.540 --> 00:41:27.342 a nice management script and then
NOTE Confidence: 0.941876501818182

00:41:27.342 --> 00:41:29.647 talk about thresholds for testing
NOTE Confidence: 0.941876501818182

00:41:29.647 --> 00:41:31.260 and treatment in this.
NOTE Confidence: 0.941876501818182

00:41:31.260 --> 00:41:34.350 In this sort of in this case.
NOTE Confidence: 0.941876501818182

00:41:34.350 --> 00:41:37.016 So thank you for giving me a challenging one,
NOTE Confidence: 0.594007479

00:41:37.030 --> 00:41:39.574 so we'll pretend this is an
NOTE Confidence: 0.594007479

00:41:39.574 --> 00:41:41.270 early first year fellow.
NOTE Confidence: 0.594007479

00:41:41.270 --> 00:41:43.174 But one question I had for you
NOTE Confidence: 0.594007479

00:41:43.174 --> 00:41:45.289 Emily when it comes to management.
NOTE Confidence: 0.594007479

00:41:45.290 --> 00:41:47.467 I was talking to no file bar.

NOTE Confidence: 0.594007479

00:41:47.470 --> 00:41:50.734 One of our hematologists and she said that

NOTE Confidence: 0.594007479

00:41:50.734 --> 00:41:52.818 oftentimes when she 'cause she really.

NOTE Confidence: 0.594007479

00:41:52.818 --> 00:41:54.720 Thinks about high value care two

NOTE Confidence: 0.594007479

00:41:54.779 --> 00:41:56.609 and testing that she feels like

NOTE Confidence: 0.594007479

00:41:56.609 --> 00:41:58.455 her fellows feel like forced to

NOTE Confidence: 0.594007479

00:41:58.455 --> 00:42:00.422 like give all of these like tests.

NOTE Confidence: 0.594007479

00:42:00.430 --> 00:42:02.366 Do you find that coming up a lot

NOTE Confidence: 0.594007479

00:42:02.366 --> 00:42:04.587 and like like how much do you feel

NOTE Confidence: 0.594007479

00:42:04.587 --> 00:42:06.603 like it's pressure to provide some

NOTE Confidence: 0.594007479

00:42:06.603 --> 00:42:08.703 sort of recommendations versus them

NOTE Confidence: 0.594007479

00:42:08.703 --> 00:42:10.190 actually thinking that you have

NOTE Confidence: 0.959121946666667

00:42:10.200 --> 00:42:10.869 to do everything?

NOTE Confidence: 0.888458905172414

00:42:11.460 --> 00:42:13.644 Yeah, that's a great question and I

NOTE Confidence: 0.888458905172414

00:42:13.644 --> 00:42:16.068 think that does come up for consultants

NOTE Confidence: 0.888458905172414

00:42:16.068 --> 00:42:18.848 because you're being asked to help in a

NOTE Confidence: 0.888458905172414

00:42:18.848 --> 00:42:20.892 situation and so helping means if not,
NOTE Confidence: 0.888458905172414

00:42:20.900 --> 00:42:22.460 if not treating the problem,
NOTE Confidence: 0.888458905172414

00:42:22.460 --> 00:42:23.864 at least trying to.
NOTE Confidence: 0.888458905172414

00:42:23.864 --> 00:42:25.970 Figure out what what it is.
NOTE Confidence: 0.888458905172414

00:42:25.970 --> 00:42:28.616 I think in the same way though,
NOTE Confidence: 0.888458905172414

00:42:28.620 --> 00:42:30.780 a lot of I know a lot of medicine
NOTE Confidence: 0.888458905172414

00:42:30.780 --> 00:42:32.419 and certainly subspecialty medicine
NOTE Confidence: 0.888458905172414

00:42:32.419 --> 00:42:34.629 is not sending every every
NOTE Confidence: 0.888458905172414

00:42:34.629 --> 00:42:36.688 test that you possibly can.
NOTE Confidence: 0.888458905172414

00:42:36.690 --> 00:42:40.029 That that's where the history comes in.
NOTE Confidence: 0.888458905172414

00:42:40.030 --> 00:42:41.269 And and then you put on here,
NOTE Confidence: 0.888458905172414

00:42:41.270 --> 00:42:41.776 not patient,
NOTE Confidence: 0.888458905172414

00:42:41.776 --> 00:42:44.050 centered and I meant to talk about that too,
NOTE Confidence: 0.888458905172414

00:42:44.050 --> 00:42:46.360 because this is where you know you
NOTE Confidence: 0.888458905172414

00:42:46.360 --> 00:42:49.340 you have a patient who is feeling OK,
NOTE Confidence: 0.888458905172414

00:42:49.340 --> 00:42:50.590 who's ready to go home,

NOTE Confidence: 0.888458905172414
00:42:50.590 --> 00:42:52.466 who may be having drug fever to
NOTE Confidence: 0.888458905172414
00:42:52.466 --> 00:42:53.630 antibiotics that they don't.
NOTE Confidence: 0.888458905172414
00:42:53.630 --> 00:42:56.286 Need and then you're going to force this.
NOTE Confidence: 0.888458905172414
00:42:56.290 --> 00:42:58.048 All this work upon them without
NOTE Confidence: 0.888458905172414
00:42:58.048 --> 00:43:00.298 sort of talking to them about what
NOTE Confidence: 0.888458905172414
00:43:00.298 --> 00:43:01.983 might what might be warranted,
NOTE Confidence: 0.888458905172414
00:43:01.990 --> 00:43:03.496 and what steps might fit into
NOTE Confidence: 0.888458905172414
00:43:03.496 --> 00:43:04.944 their plan and say, follow up.
NOTE Confidence: 0.888458905172414
00:43:04.944 --> 00:43:06.054 And that sort of thing.
NOTE Confidence: 0.825746632857143
00:43:06.410 --> 00:43:08.188 Yeah, and hopefully that helps to write,
NOTE Confidence: 0.825746632857143
00:43:08.190 --> 00:43:09.730 like invoking like being patient
NOTE Confidence: 0.825746632857143
00:43:09.730 --> 00:43:11.984 centered as well to cone things down.
NOTE Confidence: 0.825746632857143
00:43:11.990 --> 00:43:15.126 So thanks all, Chris,
NOTE Confidence: 0.825746632857143
00:43:15.126 --> 00:43:18.248 Ben and Emily for talk about those cases,
NOTE Confidence: 0.825746632857143
00:43:18.250 --> 00:43:19.666 hopefully for you on the audience.
NOTE Confidence: 0.825746632857143

00:43:19.670 --> 00:43:21.638 Just having these conversations is helpful,
NOTE Confidence: 0.825746632857143

00:43:21.640 --> 00:43:22.368 because honestly,
NOTE Confidence: 0.825746632857143

00:43:22.368 --> 00:43:24.916 we don't get to see each other.
NOTE Confidence: 0.825746632857143

00:43:24.920 --> 00:43:26.246 Each clinical reasoning
NOTE Confidence: 0.825746632857143

00:43:26.246 --> 00:43:28.456 very often and assess it,
NOTE Confidence: 0.825746632857143

00:43:28.460 --> 00:43:30.280 so hopefully that's been helpful.
NOTE Confidence: 0.825746632857143

00:43:30.280 --> 00:43:32.584 I want to give a quick plug about
NOTE Confidence: 0.825746632857143

00:43:32.584 --> 00:43:33.760 Untrustable professional activities,
NOTE Confidence: 0.825746632857143

00:43:33.760 --> 00:43:35.480 not just because Dean is running this course,
NOTE Confidence: 0.825746632857143

00:43:35.480 --> 00:43:37.432 but also it's one of the main things
NOTE Confidence: 0.825746632857143

00:43:37.432 --> 00:43:40.173 that we think about when it comes to
NOTE Confidence: 0.825746632857143

00:43:40.173 --> 00:43:41.637 assessment across various parameters.
NOTE Confidence: 0.825746632857143

00:43:41.640 --> 00:43:43.397 I tried to give an image of,
NOTE Confidence: 0.825746632857143

00:43:43.400 --> 00:43:44.765 you know, something that requires
NOTE Confidence: 0.825746632857143

00:43:44.765 --> 00:43:46.659 trust where you have to be caught.
NOTE Confidence: 0.825746632857143

00:43:46.660 --> 00:43:48.088 My daughter has actually been doing

NOTE Confidence: 0.825746632857143
00:43:48.088 --> 00:43:49.938 this a lot lately which is very cute,
NOTE Confidence: 0.825746632857143
00:43:49.940 --> 00:43:52.135 but leaning back and terrifying
NOTE Confidence: 0.825746632857143
00:43:52.135 --> 00:43:55.034 as well as far as you know.
NOTE Confidence: 0.825746632857143
00:43:55.034 --> 00:43:57.498 Potentially a trusting others to catch her.
NOTE Confidence: 0.825746632857143
00:43:57.500 --> 00:43:59.660 So which is an untrustable
NOTE Confidence: 0.825746632857143
00:43:59.660 --> 00:44:00.524 professional activity.
NOTE Confidence: 0.825746632857143
00:44:00.530 --> 00:44:02.910 So EPA's are a unit of professional
NOTE Confidence: 0.825746632857143
00:44:02.910 --> 00:44:05.203 practice that can be entrusted to a
NOTE Confidence: 0.825746632857143
00:44:05.203 --> 00:44:07.606 training as soon as they have demonstrated
NOTE Confidence: 0.825746632857143
00:44:07.606 --> 00:44:10.226 competence to execute that activity.
NOTE Confidence: 0.825746632857143
00:44:10.230 --> 00:44:12.550 So we talk about competencies all the time,
NOTE Confidence: 0.825746632857143
00:44:12.550 --> 00:44:15.547 and EPA's are just a nice way to give
NOTE Confidence: 0.825746632857143
00:44:15.547 --> 00:44:18.789 a specific skill for us to examine.
NOTE Confidence: 0.825746632857143
00:44:18.790 --> 00:44:20.674 Because these are the things what
NOTE Confidence: 0.825746632857143
00:44:20.674 --> 00:44:21.930 learners are actually doing,
NOTE Confidence: 0.825746632857143

00:44:21.930 --> 00:44:24.318 and they can fit across multiple
NOTE Confidence: 0.825746632857143

00:44:24.318 --> 00:44:25.114 different competencies.
NOTE Confidence: 0.825746632857143

00:44:25.120 --> 00:44:26.160 There are various scales.
NOTE Confidence: 0.825746632857143

00:44:26.160 --> 00:44:26.680 For example,
NOTE Confidence: 0.825746632857143

00:44:26.680 --> 00:44:28.227 if you have a student who's on
NOTE Confidence: 0.825746632857143

00:44:28.227 --> 00:44:29.339 clerkships that you might be,
NOTE Confidence: 0.825746632857143

00:44:29.340 --> 00:44:31.110 or clinical rotations that you
NOTE Confidence: 0.825746632857143

00:44:31.110 --> 00:44:32.880 might be asked to evaluate.
NOTE Confidence: 0.825746632857143

00:44:32.880 --> 00:44:34.028 The Co activity scale,
NOTE Confidence: 0.825746632857143

00:44:34.028 --> 00:44:36.131 which is what you're doing when you're
NOTE Confidence: 0.825746632857143

00:44:36.131 --> 00:44:37.726 filling your having your student
NOTE Confidence: 0.825746632857143

00:44:37.726 --> 00:44:40.290 fill out that email or pull for you
NOTE Confidence: 0.825746632857143

00:44:40.290 --> 00:44:42.617 is breaking it down from I did it,
NOTE Confidence: 0.825746632857143

00:44:42.620 --> 00:44:44.188 which really required complete
NOTE Confidence: 0.825746632857143

00:44:44.188 --> 00:44:45.756 hands on guidance to.
NOTE Confidence: 0.825746632857143

00:44:45.760 --> 00:44:48.357 I talked them through it too.

NOTE Confidence: 0.825746632857143
00:44:48.357 --> 00:44:51.136 I directed them from time to time.
NOTE Confidence: 0.825746632857143
00:44:51.140 --> 00:44:53.574 They need a little bit help too.
NOTE Confidence: 0.825746632857143
00:44:53.574 --> 00:44:55.710 I was available just.
NOTE Confidence: 0.825746632857143
00:44:55.710 --> 00:44:57.618 Same case versus completely
NOTE Confidence: 0.825746632857143
00:44:57.618 --> 00:45:00.003 not needing to be supervised
NOTE Confidence: 0.825746632857143
00:45:00.003 --> 00:45:02.630 and functioning independently,
NOTE Confidence: 0.825746632857143
00:45:02.630 --> 00:45:05.150 which is I did not need to be there.
NOTE Confidence: 0.825746632857143
00:45:05.150 --> 00:45:07.126 OK, so we're gonna have one more case.
NOTE Confidence: 0.825746632857143
00:45:07.130 --> 00:45:09.826 I want you to think about these broad
NOTE Confidence: 0.825746632857143
00:45:09.830 --> 00:45:11.675 this categories of scale because
NOTE Confidence: 0.825746632857143
00:45:11.675 --> 00:45:13.923 this actually comes up when you
NOTE Confidence: 0.825746632857143
00:45:13.923 --> 00:45:15.927 see students on your IM clerkship.
NOTE Confidence: 0.825746632857143
00:45:15.930 --> 00:45:18.408 There's a supervisory scale of Epas,
NOTE Confidence: 0.825746632857143
00:45:18.410 --> 00:45:20.384 but that's not really what you're
NOTE Confidence: 0.825746632857143
00:45:20.384 --> 00:45:22.393 doing when you're on these rotations.
NOTE Confidence: 0.825746632857143

00:45:22.393 --> 00:45:24.977 I will say if you really go into
NOTE Confidence: 0.825746632857143

00:45:24.977 --> 00:45:26.060 the deep dive.
NOTE Confidence: 0.825746632857143

00:45:26.060 --> 00:45:27.376 I know Michael Greens on this call.
NOTE Confidence: 0.825746632857143

00:45:27.380 --> 00:45:29.459 He was part of our EPA pilot.
NOTE Confidence: 0.825746632857143

00:45:29.460 --> 00:45:32.100 There are specific behaviors related to
NOTE Confidence: 0.825746632857143

00:45:32.100 --> 00:45:34.016 the EPA's and if you deconstruct it,
NOTE Confidence: 0.825746632857143

00:45:34.020 --> 00:45:35.910 it's similar to that assessment
NOTE Confidence: 0.825746632857143

00:45:35.910 --> 00:45:37.800 of reasoning tool gathering data,
NOTE Confidence: 0.825746632857143

00:45:37.800 --> 00:45:40.500 synthesizing it so a problem representation,
NOTE Confidence: 0.825746632857143

00:45:40.500 --> 00:45:41.637 prioritizing a differential,
NOTE Confidence: 0.825746632857143

00:45:41.637 --> 00:45:43.911 making sure you're doing high value
NOTE Confidence: 0.825746632857143

00:45:43.911 --> 00:45:46.375 care so those same principles still apply.
NOTE Confidence: 0.825746632857143

00:45:46.380 --> 00:45:47.904 So I want to reinforce that
NOTE Confidence: 0.825746632857143

00:45:47.904 --> 00:45:48.920 these aren't different things,
NOTE Confidence: 0.825746632857143

00:45:48.920 --> 00:45:52.455 ones just more holistic than the other.
NOTE Confidence: 0.825746632857143

00:45:52.460 --> 00:45:52.816 Alright,

NOTE Confidence: 0.825746632857143

00:45:52.816 --> 00:45:56.020 so our 4th diagnosis we get to watch a

NOTE Confidence: 0.825746632857143

00:45:56.095 --> 00:45:58.965 video of me when I was a you know five

NOTE Confidence: 0.894022060666667

00:45:59.049 --> 00:46:01.275 years ago time has taken its

NOTE Confidence: 0.894022060666667

00:46:01.275 --> 00:46:03.045 toll so I appreciate your

NOTE Confidence: 0.894022060666667

00:46:03.045 --> 00:46:04.755 watching as we see a learnable.

NOTE Confidence: 0.894022060666667

00:46:04.760 --> 00:46:06.392 Honestly could have been in the

NOTE Confidence: 0.894022060666667

00:46:06.392 --> 00:46:07.480 inpatient or outpatient setting.

NOTE Confidence: 0.894022060666667

00:46:07.480 --> 00:46:08.988 A clerkship clinical student

NOTE Confidence: 0.894022060666667

00:46:08.988 --> 00:46:11.741 staffing a patient of an 18 year

NOTE Confidence: 0.894022060666667

00:46:11.741 --> 00:46:13.861 old woman presenting with acute

NOTE Confidence: 0.894022060666667

00:46:13.861 --> 00:46:16.347 severe left lower quadrant pain in

NOTE Confidence: 0.894022060666667

00:46:16.347 --> 00:46:18.513 the setting of nausea and vomiting,

NOTE Confidence: 0.894022060666667

00:46:18.520 --> 00:46:21.733 but no dis urea was found to be takach

NOTE Confidence: 0.894022060666667

00:46:21.733 --> 00:46:24.159 Arctic and mildly febrile to 99.

NOTE Confidence: 0.894022060666667

00:46:24.160 --> 00:46:25.852 On their exam.

NOTE Confidence: 0.894022060666667

00:46:25.852 --> 00:46:28.672 So we're thinking about these
NOTE Confidence: 0.894022060666667

00:46:28.672 --> 00:46:30.320 steps from I did it to.
NOTE Confidence: 0.894022060666667

00:46:30.320 --> 00:46:32.140 I did not need to be there.
NOTE Confidence: 0.894022060666667

00:46:32.140 --> 00:46:37.244 I'll bring the pole up as we go.
NOTE Confidence: 0.894022060666667

00:46:37.250 --> 00:46:38.804 Let's see cancel.
NOTE Confidence: 0.894022060666667

00:46:38.804 --> 00:46:42.430 I'll actually change the pole right here.
NOTE Confidence: 0.894022060666667

00:46:42.430 --> 00:46:42.720 Alright,
NOTE Confidence: 0.894022060666667

00:46:42.720 --> 00:46:44.170 I'm launching this poll for
NOTE Confidence: 0.894022060666667

00:46:44.170 --> 00:46:45.846 y'all to watch this video and
NOTE Confidence: 0.894022060666667

00:46:45.846 --> 00:46:47.456 get an idea of where you think
NOTE Confidence: 0.894022060666667

00:46:47.460 --> 00:46:50.900 our learner is alright.
NOTE Confidence: 0.894022060666667

00:46:50.900 --> 00:46:52.360 For your viewing pleasure.
NOTE Confidence: 0.9582256

00:46:56.380 --> 00:46:57.728 So I'm sorry I got
NOTE Confidence: 0.886235854

00:46:57.740 --> 00:46:59.110 a chance to look at
NOTE Confidence: 0.601308834

00:46:59.120 --> 00:47:00.530 your note for the patient
NOTE Confidence: 0.863416559166667

00:47:00.540 --> 00:47:01.675 that you just saw. Would

NOTE Confidence: 0.863416559166667
00:47:01.675 --> 00:47:03.500 it be OK if you talk about?
NOTE Confidence: 0.762705224285714
00:47:05.070 --> 00:47:07.640 So could you give me a general overview
NOTE Confidence: 0.860485056666667
00:47:07.710 --> 00:47:08.739 of the patient
NOTE Confidence: 0.764783371363636
00:47:09.290 --> 00:47:11.714 share so this is an 18 year old
NOTE Confidence: 0.764783371363636
00:47:11.714 --> 00:47:14.167 woman coming in with a few hours of
NOTE Confidence: 0.764783371363636
00:47:14.167 --> 00:47:16.249 left lower corner of Domino pain,
NOTE Confidence: 0.764783371363636
00:47:16.250 --> 00:47:19.968 who's had a previous history of UTI's OK,
NOTE Confidence: 0.764783371363636
00:47:19.968 --> 00:47:22.812 and So what is your differential
NOTE Confidence: 0.764783371363636
00:47:22.812 --> 00:47:24.190 diagnosis for her?
NOTE Confidence: 0.764783371363636
00:47:24.190 --> 00:47:27.040 So my top diagnosis is UTI,
NOTE Confidence: 0.764783371363636
00:47:27.040 --> 00:47:29.524 specially governor history and the lower
NOTE Confidence: 0.764783371363636
00:47:29.524 --> 00:47:31.966 abdominal pain and also just because
NOTE Confidence: 0.764783371363636
00:47:31.966 --> 00:47:34.814 she had mentioned that moved to the flank.
NOTE Confidence: 0.764783371363636
00:47:34.820 --> 00:47:38.069 I also did a pilona frites and then maybe
NOTE Confidence: 0.764783371363636
00:47:38.069 --> 00:47:42.220 a kidney stone that for all of that OK.
NOTE Confidence: 0.764783371363636

00:47:42.220 --> 00:47:45.950 What are used for and against each diagnosis?

NOTE Confidence: 0.764783371363636

00:47:45.950 --> 00:47:49.070 I think for the UTI is

NOTE Confidence: 0.764783371363636

00:47:49.070 --> 00:47:51.150 acute onset pretty painful.

NOTE Confidence: 0.764783371363636

00:47:51.150 --> 00:47:53.285 Kind of around the area you would

NOTE Confidence: 0.764783371363636

00:47:53.285 --> 00:47:55.830 have pain and she found history of it.

NOTE Confidence: 0.764783371363636

00:47:55.830 --> 00:47:57.237 And how do you reconcile the fact

NOTE Confidence: 0.764783371363636

00:47:57.237 --> 00:48:00.530 that she didn't have any dysuria?

NOTE Confidence: 0.764783371363636

00:48:00.530 --> 00:48:02.446 Well, she was in a lot of pain like

NOTE Confidence: 0.764783371363636

00:48:02.446 --> 00:48:05.134 she had a lot of abdominal pain when I

NOTE Confidence: 0.764783371363636

00:48:05.134 --> 00:48:07.381 used amateur and then I'm thinking if

NOTE Confidence: 0.764783371363636

00:48:07.381 --> 00:48:09.418 she had that pain especially when she

NOTE Confidence: 0.764783371363636

00:48:09.418 --> 00:48:11.568 was staring down or using the bathroom.

NOTE Confidence: 0.764783371363636

00:48:11.570 --> 00:48:13.870 Maybe she didn't notice that

NOTE Confidence: 0.764783371363636

00:48:13.870 --> 00:48:15.710 there was to Syria.

NOTE Confidence: 0.764783371363636

00:48:15.710 --> 00:48:18.680 Did you consider any other systems

NOTE Confidence: 0.84347987

00:48:18.680 --> 00:48:21.476 or causes, for example gynecological

NOTE Confidence: 0.84347987

00:48:21.476 --> 00:48:24.050 diagnosis like ovarian,

NOTE Confidence: 0.84347987

00:48:24.050 --> 00:48:26.168 torsion or gastrointestinal

NOTE Confidence: 0.84347987

00:48:26.170 --> 00:48:28.120 causes like diverticulitis?

NOTE Confidence: 0.62803961625

00:48:30.660 --> 00:48:32.475 I don't really know anything

NOTE Confidence: 0.62803961625

00:48:32.475 --> 00:48:33.564 about their intelligent.

NOTE Confidence: 0.62803961625

00:48:33.570 --> 00:48:35.302 Haven't done my obj rotation so

NOTE Confidence: 0.62803961625

00:48:35.302 --> 00:48:37.366 I didn't consider that at all.

NOTE Confidence: 0.62803961625

00:48:37.370 --> 00:48:41.010 'cause I don't know really what it is.

NOTE Confidence: 0.62803961625

00:48:41.010 --> 00:48:42.850 Diverticulitis, yeah, I guess it

NOTE Confidence: 0.62803961625

00:48:42.850 --> 00:48:45.829 is also on the left lower quadrant.

NOTE Confidence: 0.62803961625

00:48:45.830 --> 00:48:47.402 I didn't consider it,

NOTE Confidence: 0.62803961625

00:48:47.402 --> 00:48:49.760 but it is the same area.

NOTE Confidence: 0.62803961625

00:48:49.760 --> 00:48:51.508 Looking back on it,

NOTE Confidence: 0.62803961625

00:48:51.510 --> 00:48:53.036 that broader differential diagnosis.

NOTE Confidence: 0.62803961625

00:48:53.036 --> 00:48:54.866 Do you think there's anything

NOTE Confidence: 0.62803961625

00:48:54.870 --> 00:48:55.965 you would have done differently
NOTE Confidence: 0.62803961625

00:48:55.965 --> 00:48:57.930 on your history and physical
NOTE Confidence: 0.62803961625

00:48:57.930 --> 00:48:59.640 to better tease those out?
NOTE Confidence: 0.5231714

00:49:02.310 --> 00:49:05.770 No, really, I did that domnul exam.
NOTE Confidence: 0.5231714

00:49:05.770 --> 00:49:08.720 So what about for a testing?
NOTE Confidence: 0.620390012933333

00:49:10.770 --> 00:49:12.802 Well, I'm gonna get the CT after then
NOTE Confidence: 0.620390012933333

00:49:12.802 --> 00:49:15.199 and I think that'll be really useful.
NOTE Confidence: 0.620390012933333

00:49:15.200 --> 00:49:16.404 You know even before,
NOTE Confidence: 0.620390012933333

00:49:16.404 --> 00:49:18.530 even though I think it's a UTI,
NOTE Confidence: 0.620390012933333

00:49:18.530 --> 00:49:21.540 the CTI will be really useful for
NOTE Confidence: 0.620390012933333

00:49:21.540 --> 00:49:24.795 figuring out if it's a kidney stone.
NOTE Confidence: 0.620390012933333

00:49:24.800 --> 00:49:26.980 Is there any concerns you have about
NOTE Confidence: 0.620390012933333

00:49:26.980 --> 00:49:29.020 ordering a CT scan in this patient?
NOTE Confidence: 0.2455602

00:49:32.720 --> 00:49:36.645 This is radiation. Yeah yeah,
NOTE Confidence: 0.2455602

00:49:36.645 --> 00:49:38.890 OK. Sounds good. Was
NOTE Confidence: 0.93851377

00:49:38.900 --> 00:49:39.830 there anything else

NOTE Confidence: 0.919709695

00:49:39.840 --> 00:49:41.388 you could think about this case?

NOTE Confidence: 0.105790585

00:49:43.370 --> 00:49:44.170 Uhm?

NOTE Confidence: 0.798193188

00:49:46.200 --> 00:49:48.048 I mean, I guess she had mentioned

NOTE Confidence: 0.798193188

00:49:48.048 --> 00:49:49.545 some other things, I just didn't

NOTE Confidence: 0.798193188

00:49:49.545 --> 00:49:51.970 mention them because I didn't think.

NOTE Confidence: 0.798193188

00:49:51.970 --> 00:49:53.475 It was relevant, especially since

NOTE Confidence: 0.798193188

00:49:53.475 --> 00:49:55.349 it's pretty sure it was a UGI.

NOTE Confidence: 0.798193188

00:49:55.350 --> 00:49:58.470 OK, like what she had mentioned actually that

NOTE Confidence: 0.798193188

00:49:58.470 --> 00:50:01.350 she had vomited twice in the past hours,

NOTE Confidence: 0.798193188

00:50:01.350 --> 00:50:04.930 but I thought that like given it was a UTI,

NOTE Confidence: 0.798193188

00:50:04.930 --> 00:50:06.350 that might be something else.

NOTE Confidence: 0.798193188

00:50:06.350 --> 00:50:07.458 Maybe it's just something

NOTE Confidence: 0.798193188

00:50:07.458 --> 00:50:08.843 she eat and it wasn't.

NOTE Confidence: 0.798193188

00:50:08.850 --> 00:50:11.730 It wasn't bilious OK was.

NOTE Confidence: 0.798193188

00:50:11.730 --> 00:50:13.690 Would that potentially have changed

NOTE Confidence: 0.798193188

00:50:13.690 --> 00:50:15.049 your differential at all?
NOTE Confidence: 0.58297145

00:50:17.160 --> 00:50:20.940 No, no. Well, sometimes conditions
NOTE Confidence: 0.58297145

00:50:20.940 --> 00:50:21.980 that you mentioned in your
NOTE Confidence: 0.524107189875

00:50:21.990 --> 00:50:24.014 differential like natural phthisis
NOTE Confidence: 0.524107189875

00:50:24.014 --> 00:50:26.856 or maybe a variant portion that we
NOTE Confidence: 0.524107189875

00:50:26.856 --> 00:50:28.625 talked about might be more likely to
NOTE Confidence: 0.524107189875

00:50:28.625 --> 00:50:30.228 present with those types of symptoms.
NOTE Confidence: 0.524107189875

00:50:30.228 --> 00:50:35.450 So something could consider OK, alright?
NOTE Confidence: 0.524107189875

00:50:35.450 --> 00:50:38.506 Alright, so get your answers into the pole.
NOTE Confidence: 0.524107189875

00:50:38.510 --> 00:50:39.930 Appreciate you watching that video.
NOTE Confidence: 0.524107189875

00:50:39.930 --> 00:50:42.774 Part of why I wanted to do that is
NOTE Confidence: 0.524107189875

00:50:42.774 --> 00:50:44.954 because honestly, as you can see,
NOTE Confidence: 0.524107189875

00:50:44.954 --> 00:50:46.334 teasing out a learners clinical
NOTE Confidence: 0.524107189875

00:50:46.334 --> 00:50:47.592 reasoning isn't necessarily like
NOTE Confidence: 0.524107189875

00:50:47.592 --> 00:50:49.137 you just get a presentation.
NOTE Confidence: 0.524107189875

00:50:49.140 --> 00:50:51.140 You're diagnosing the learner there,

NOTE Confidence: 0.524107189875

00:50:51.140 --> 00:50:52.352 no pun intended, right?

NOTE Confidence: 0.524107189875

00:50:52.352 --> 00:50:54.470 Like you're having a conversation with them,

NOTE Confidence: 0.524107189875

00:50:54.470 --> 00:50:56.710 like pushing and pulling, exploring,

NOTE Confidence: 0.524107189875

00:50:56.710 --> 00:50:58.400 you know what exactly they

NOTE Confidence: 0.524107189875

00:50:58.400 --> 00:51:00.910 meant in the in the situation,

NOTE Confidence: 0.524107189875

00:51:00.910 --> 00:51:02.865 so I think that's something

NOTE Confidence: 0.524107189875

00:51:02.865 --> 00:51:04.429 to remember as well.

NOTE Confidence: 0.524107189875

00:51:04.430 --> 00:51:05.775 Just as we're suspending our

NOTE Confidence: 0.524107189875

00:51:05.775 --> 00:51:07.120 disbelief for some of these.

NOTE Confidence: 0.524107189875

00:51:07.120 --> 00:51:08.200 In other cases,

NOTE Confidence: 0.524107189875

00:51:08.200 --> 00:51:11.529 so we have some folks wrapping up this poll.

NOTE Confidence: 0.524107189875

00:51:11.530 --> 00:51:14.068 We're at 17, nineteen, 20 now,

NOTE Confidence: 0.524107189875

00:51:14.070 --> 00:51:15.890 but where we think our learner is?

NOTE Confidence: 0.524107189875

00:51:15.890 --> 00:51:17.358 Oh, this is interesting.

NOTE Confidence: 0.90030081

00:51:19.700 --> 00:51:21.518 Great, I'm gonna share the answer.

NOTE Confidence: 0.90030081

00:51:21.520 --> 00:51:23.430 I also appreciate Joe writing
NOTE Confidence: 0.90030081

00:51:23.430 --> 00:51:25.340 on that pole right now.
NOTE Confidence: 0.90030081

00:51:25.340 --> 00:51:28.796 Great, so we're going to share the results.
NOTE Confidence: 0.90030081

00:51:28.800 --> 00:51:33.570 Of this, and I think that so the range
NOTE Confidence: 0.90030081

00:51:33.570 --> 00:51:37.310 for this learner is between I did it
NOTE Confidence: 0.90030081

00:51:37.310 --> 00:51:39.801 versus I talked them through it to I
NOTE Confidence: 0.90030081

00:51:39.801 --> 00:51:42.160 directed them from time to time and I
NOTE Confidence: 0.90030081

00:51:42.160 --> 00:51:44.393 think all of these are honestly fair.
NOTE Confidence: 0.90030081

00:51:44.400 --> 00:51:45.900 I probably would have the
NOTE Confidence: 0.90030081

00:51:45.900 --> 00:51:47.100 learner somewhere in here,
NOTE Confidence: 0.90030081

00:51:47.100 --> 00:51:48.540 but I think I might have
NOTE Confidence: 0.90030081

00:51:48.540 --> 00:51:49.760 been generous with that too.
NOTE Confidence: 0.90030081

00:51:49.760 --> 00:51:52.175 I probably say would say a 2,
NOTE Confidence: 0.90030081

00:51:52.180 --> 00:51:55.276 but for anybody who said I did they
NOTE Confidence: 0.90030081

00:51:55.276 --> 00:51:57.755 they thought it was more A1A level one.
NOTE Confidence: 0.90030081

00:51:57.755 --> 00:51:58.735 If I did it.

NOTE Confidence: 0.90030081

00:51:58.740 --> 00:52:00.280 Anybody wanna share with their

NOTE Confidence: 0.90030081

00:52:00.280 --> 00:52:01.512 thought processes on that?

NOTE Confidence: 0.937555095

00:52:08.450 --> 00:52:09.830 Sure, I'll go ahead.

NOTE Confidence: 0.5307724125

00:52:09.990 --> 00:52:10.930 So this is Mitchell

NOTE Confidence: 0.56384968

00:52:10.940 --> 00:52:12.119 Choksey, why not

NOTE Confidence: 0.88271038

00:52:13.030 --> 00:52:16.026 I. I don't mean to be hard

NOTE Confidence: 0.907437696666667

00:52:16.040 --> 00:52:19.640 on the learner, but she's new.

NOTE Confidence: 0.907437696666667

00:52:19.640 --> 00:52:21.585 And clearly hasn't had the

NOTE Confidence: 0.907437696666667

00:52:21.585 --> 00:52:23.530 experience to tease out what

NOTE Confidence: 0.957102706

00:52:23.540 --> 00:52:25.690 most of us would consider as the

NOTE Confidence: 0.803877391428571

00:52:25.700 --> 00:52:28.508 most critical. You know,

NOTE Confidence: 0.803877391428571

00:52:28.508 --> 00:52:32.000 pregnancy test ectopics ovarian torsion,

NOTE Confidence: 0.803877391428571

00:52:32.000 --> 00:52:34.359 which other ones which are more of

NOTE Confidence: 0.803877391428571

00:52:34.359 --> 00:52:36.120 an urgent situation than a UTI.

NOTE Confidence: 0.803877391428571

00:52:36.120 --> 00:52:38.032 You know if I had you know

NOTE Confidence: 0.803877391428571

00:52:38.032 --> 00:52:40.278 if I had to triage a patient,
NOTE Confidence: 0.803877391428571

00:52:40.280 --> 00:52:41.540 that's probably the first thing
NOTE Confidence: 0.803877391428571

00:52:41.540 --> 00:52:43.680 I'd look at and not, you know,
NOTE Confidence: 0.803877391428571

00:52:43.680 --> 00:52:45.748 definitely not a UTI, and definitely
NOTE Confidence: 0.8377220075

00:52:45.760 --> 00:52:46.748 not a **** scan
NOTE Confidence: 0.913445193333333

00:52:47.110 --> 00:52:48.190 before you decide
NOTE Confidence: 0.890422127

00:52:48.200 --> 00:52:49.408 to do the basics,
NOTE Confidence: 0.890422127

00:52:49.408 --> 00:52:51.220 which is a pregnancy test so.
NOTE Confidence: 0.890422127

00:52:51.220 --> 00:52:52.760 And so I'm very uncomfortable
NOTE Confidence: 0.890422127

00:52:52.760 --> 00:52:54.360 moving them to a two,
NOTE Confidence: 0.890422127

00:52:54.360 --> 00:52:56.790 and I think this still has a one.
NOTE Confidence: 0.881437994666667

00:52:56.790 --> 00:52:59.616 First off, I want to say you you really
NOTE Confidence: 0.881437994666667

00:52:59.616 --> 00:53:02.008 cage that nicely for the learner,
NOTE Confidence: 0.881437994666667

00:53:02.010 --> 00:53:04.321 but I also think that's I.
NOTE Confidence: 0.881437994666667

00:53:04.321 --> 00:53:06.187 I appreciate that and I think
NOTE Confidence: 0.881437994666667

00:53:06.187 --> 00:53:07.812 that's honestly brave to really

NOTE Confidence: 0.881437994666667
00:53:07.812 --> 00:53:09.377 be honest with your learner,
NOTE Confidence: 0.881437994666667
00:53:09.380 --> 00:53:11.684 I'm doing that recently talked about
NOTE Confidence: 0.881437994666667
00:53:11.684 --> 00:53:13.682 learner who's struggling their clinical
NOTE Confidence: 0.881437994666667
00:53:13.682 --> 00:53:15.687 reasoning because we identified how
NOTE Confidence: 0.881437994666667
00:53:15.687 --> 00:53:17.870 much they were struggling early on.
NOTE Confidence: 0.881437994666667
00:53:17.870 --> 00:53:19.088 We were able to get that learner.
NOTE Confidence: 0.881437994666667
00:53:19.090 --> 00:53:20.194 A lot of support,
NOTE Confidence: 0.881437994666667
00:53:20.194 --> 00:53:22.462 and so I think you know this is
NOTE Confidence: 0.881437994666667
00:53:22.462 --> 00:53:24.960 totally fair to say we had to be hands
NOTE Confidence: 0.881437994666667
00:53:24.960 --> 00:53:26.808 on to make sure our learner caught.
NOTE Confidence: 0.881437994666667
00:53:26.810 --> 00:53:30.806 The major parts of this case,
NOTE Confidence: 0.881437994666667
00:53:30.810 --> 00:53:32.450 and then their clinical reasoning,
NOTE Confidence: 0.881437994666667
00:53:32.450 --> 00:53:34.810 so hopefully that was an example of how
NOTE Confidence: 0.881437994666667
00:53:34.810 --> 00:53:37.729 you can work through this case through Epas,
NOTE Confidence: 0.881437994666667
00:53:37.730 --> 00:53:39.410 which you'll be seeing often.
NOTE Confidence: 0.881437994666667

00:53:39.410 --> 00:53:41.372 I'll hold off talking about assessment
NOTE Confidence: 0.881437994666667

00:53:41.372 --> 00:53:43.409 of reasoning tool in these steps,
NOTE Confidence: 0.881437994666667

00:53:43.410 --> 00:53:44.770 because as you can see,
NOTE Confidence: 0.881437994666667

00:53:44.770 --> 00:53:47.602 there were issues across the board
NOTE Confidence: 0.881437994666667

00:53:47.602 --> 00:53:49.490 starting from data collection.
NOTE Confidence: 0.881437994666667

00:53:49.490 --> 00:53:51.362 But as we wrap up and we only
NOTE Confidence: 0.881437994666667

00:53:51.362 --> 00:53:53.009 have a few minutes left,
NOTE Confidence: 0.881437994666667

00:53:53.010 --> 00:53:56.386 I did want to share some Grodd strategies
NOTE Confidence: 0.881437994666667

00:53:56.390 --> 00:53:58.820 for teaching clinical reasoning, which.
NOTE Confidence: 0.881437994666667

00:53:58.820 --> 00:54:01.532 I break down into the categories
NOTE Confidence: 0.881437994666667

00:54:01.532 --> 00:54:02.436 of clarification,
NOTE Confidence: 0.881437994666667

00:54:02.440 --> 00:54:05.510 asking open-ended questions, observing them,
NOTE Confidence: 0.881437994666667

00:54:05.510 --> 00:54:07.022 providing scaffolds or schema.
NOTE Confidence: 0.881437994666667

00:54:07.022 --> 00:54:07.778 Once again,
NOTE Confidence: 0.881437994666667

00:54:07.780 --> 00:54:10.202 all of these are in the link,
NOTE Confidence: 0.881437994666667

00:54:10.202 --> 00:54:11.889 though I I it seems like there's

NOTE Confidence: 0.881437994666667
00:54:11.889 --> 00:54:13.835 a firewall for some of y'all who
NOTE Confidence: 0.881437994666667
00:54:13.835 --> 00:54:15.539 are at the hospital right now.
NOTE Confidence: 0.881437994666667
00:54:15.540 --> 00:54:17.442 Feel free to email me afterwards
NOTE Confidence: 0.881437994666667
00:54:17.442 --> 00:54:20.198 and I can send that to you modeling,
NOTE Confidence: 0.881437994666667
00:54:20.200 --> 00:54:22.146 so this is one of the more
NOTE Confidence: 0.881437994666667
00:54:22.146 --> 00:54:22.980 efficient ways honestly,
NOTE Confidence: 0.881437994666667
00:54:22.980 --> 00:54:24.639 and I think our learners appreciate that.
NOTE Confidence: 0.881437994666667
00:54:24.640 --> 00:54:25.768 Thinking out loud,
NOTE Confidence: 0.881437994666667
00:54:25.768 --> 00:54:27.648 showing them what you would
NOTE Confidence: 0.881437994666667
00:54:27.648 --> 00:54:29.779 do in a given situation.
NOTE Confidence: 0.881437994666667
00:54:29.780 --> 00:54:31.195 And giving them self directed
NOTE Confidence: 0.881437994666667
00:54:31.195 --> 00:54:32.610 learning like I mentioned earlier,
NOTE Confidence: 0.881437994666667
00:54:32.610 --> 00:54:34.906 knowledge is a big part of clinical
NOTE Confidence: 0.881437994666667
00:54:34.906 --> 00:54:36.871 reasoning and some of our learners
NOTE Confidence: 0.881437994666667
00:54:36.871 --> 00:54:38.999 just struggle so much with all the
NOTE Confidence: 0.881437994666667

00:54:39.064 --> 00:54:41.276 stuff that they can learn and know
NOTE Confidence: 0.881437994666667

00:54:41.276 --> 00:54:42.914 and resources and so pointing them
NOTE Confidence: 0.881437994666667

00:54:42.914 --> 00:54:44.510 in the right direction of like hey,
NOTE Confidence: 0.881437994666667

00:54:44.510 --> 00:54:46.631 I recommend you know this review article
NOTE Confidence: 0.881437994666667

00:54:46.631 --> 00:54:49.038 to help flesh out your differential well
NOTE Confidence: 0.881437994666667

00:54:49.038 --> 00:54:51.192 I remember listening to this podcast.
NOTE Confidence: 0.881437994666667

00:54:51.200 --> 00:54:53.372 I recommend the clinical problem solvers
NOTE Confidence: 0.881437994666667

00:54:53.372 --> 00:54:56.398 all the time and I know we talked about
NOTE Confidence: 0.881437994666667

00:54:56.398 --> 00:54:58.209 some teaching strategies along the way,
NOTE Confidence: 0.881437994666667

00:54:58.210 --> 00:54:59.757 so I think we can hold off.
NOTE Confidence: 0.881437994666667

00:54:59.760 --> 00:55:03.965 These specific ones I will mention in
NOTE Confidence: 0.881437994666667

00:55:03.965 --> 00:55:06.395 general when it comes to management,
NOTE Confidence: 0.881437994666667

00:55:06.400 --> 00:55:08.416 Emily mentioned a management script that
NOTE Confidence: 0.881437994666667

00:55:08.416 --> 00:55:11.160 Andrew and I talk about not infrequently,
NOTE Confidence: 0.881437994666667

00:55:11.160 --> 00:55:12.320 which is just saying hey,
NOTE Confidence: 0.881437994666667

00:55:12.320 --> 00:55:15.626 these are categories of options labs,

NOTE Confidence: 0.881437994666667
00:55:15.630 --> 00:55:16.606 imaging procedures,
NOTE Confidence: 0.881437994666667
00:55:16.606 --> 00:55:18.070 specialist medication monitoring
NOTE Confidence: 0.881437994666667
00:55:18.070 --> 00:55:20.510 tests or treatment which can
NOTE Confidence: 0.881437994666667
00:55:20.573 --> 00:55:22.198 just help prompt a learner,
NOTE Confidence: 0.881437994666667
00:55:22.200 --> 00:55:23.744 particularly in that student
NOTE Confidence: 0.881437994666667
00:55:23.744 --> 00:55:26.060 range who honestly can come up,
NOTE Confidence: 0.881437994666667
00:55:26.060 --> 00:55:27.272 probably with a differential,
NOTE Confidence: 0.881437994666667
00:55:27.272 --> 00:55:28.484 but might struggle just
NOTE Confidence: 0.881437994666667
00:55:28.484 --> 00:55:30.098 coming up with any management.
NOTE Confidence: 0.881437994666667
00:55:30.100 --> 00:55:31.260 Options because they haven't
NOTE Confidence: 0.881437994666667
00:55:31.260 --> 00:55:32.420 been in that setting,
NOTE Confidence: 0.881437994666667
00:55:32.420 --> 00:55:37.066 so I wanted to give a couple minutes for
NOTE Confidence: 0.881437994666667
00:55:37.066 --> 00:55:40.860 Michael or anybody else to ask questions,
NOTE Confidence: 0.881437994666667
00:55:40.860 --> 00:55:42.892 but hopefully from this
NOTE Confidence: 0.881437994666667
00:55:42.892 --> 00:55:44.924 talk we've reviewed some,
NOTE Confidence: 0.881437994666667

00:55:44.930 --> 00:55:47.720 we've reviewed diagnostic error and
NOTE Confidence: 0.881437994666667

00:55:47.720 --> 00:55:50.582 some core assessment terminology from
NOTE Confidence: 0.881437994666667

00:55:50.582 --> 00:55:53.070 data collection problem representation,
NOTE Confidence: 0.881437994666667

00:55:53.070 --> 00:55:54.288 prioritizing differential management
NOTE Confidence: 0.881437994666667

00:55:54.288 --> 00:55:56.724 in the setting of the assessment
NOTE Confidence: 0.881437994666667

00:55:56.724 --> 00:55:58.039 of reasoning tool.
NOTE Confidence: 0.871342554

00:55:58.040 --> 00:56:01.624 We also talked about the EPA specifically
NOTE Confidence: 0.871342554

00:56:01.624 --> 00:56:03.160 for prioritizing differentials.
NOTE Confidence: 0.871342554

00:56:03.160 --> 00:56:05.351 So I'm gonna hang on for anybody
NOTE Confidence: 0.871342554

00:56:05.351 --> 00:56:08.009 who has a questions or thoughts,
NOTE Confidence: 0.871342554

00:56:08.010 --> 00:56:09.600 but I appreciate your coming and
NOTE Confidence: 0.871342554

00:56:09.600 --> 00:56:11.170 we're gonna ask some question.
NOTE Confidence: 0.871342554

00:56:11.170 --> 00:56:12.960 Ask some questions so Michael,
NOTE Confidence: 0.871342554

00:56:12.960 --> 00:56:13.836 I know you had a question.
NOTE Confidence: 0.926317774

00:56:18.740 --> 00:56:20.770 I was muted, wasn't I?
NOTE Confidence: 0.926317774

00:56:20.770 --> 00:56:23.310 Thanks to you and your team,

NOTE Confidence: 0.926317774

00:56:23.310 --> 00:56:27.318 and this question is motivated in part.

NOTE Confidence: 0.926317774

00:56:27.320 --> 00:56:29.425 By us preparing our documentation

NOTE Confidence: 0.926317774

00:56:29.425 --> 00:56:31.700 for the LC Me visit,

NOTE Confidence: 0.926317774

00:56:31.700 --> 00:56:34.256 but all of your vignettes had

NOTE Confidence: 0.926317774

00:56:34.256 --> 00:56:36.616 to do with offering formative

NOTE Confidence: 0.926317774

00:56:36.620 --> 00:56:38.922 feedback to to learners.

NOTE Confidence: 0.926317774

00:56:38.922 --> 00:56:40.978 Do you have recommendations

NOTE Confidence: 0.926317774

00:56:40.978 --> 00:56:43.146 for summative assessments of

NOTE Confidence: 0.926317774

00:56:43.146 --> 00:56:46.890 clinical reasoning? Yeah.

NOTE Confidence: 0.943847543333333

00:56:46.890 --> 00:56:48.196 It can be hard honestly.

NOTE Confidence: 0.943847543333333

00:56:48.196 --> 00:56:50.554 Probably the best one is what

NOTE Confidence: 0.943847543333333

00:56:50.554 --> 00:56:53.069 we do with OS keys and you know,

NOTE Confidence: 0.943847543333333

00:56:53.069 --> 00:56:55.503 I do think at the end of a rotation

NOTE Confidence: 0.943847543333333

00:56:55.503 --> 00:56:57.711 you have enough of these formative

NOTE Confidence: 0.943847543333333

00:56:57.711 --> 00:56:59.928 assessments to give feedback to alert.

NOTE Confidence: 0.943847543333333

00:56:59.930 --> 00:57:02.107 So that's like the in vitro versus
NOTE Confidence: 0.943847543333333

00:57:02.107 --> 00:57:04.600 in vivo right end of clerkship grade,
NOTE Confidence: 0.943847543333333

00:57:04.600 --> 00:57:06.605 and those like work based
NOTE Confidence: 0.943847543333333

00:57:06.605 --> 00:57:07.808 assessments are valuable.
NOTE Confidence: 0.943847543333333

00:57:07.810 --> 00:57:10.000 But those are our big ones.
NOTE Confidence: 0.943847543333333

00:57:10.000 --> 00:57:12.136 There isn't like a formal summative
NOTE Confidence: 0.943847543333333

00:57:12.136 --> 00:57:14.651 evaluation that we can feel really confident
NOTE Confidence: 0.943847543333333

00:57:14.651 --> 00:57:17.052 that we know where our learner is.
NOTE Confidence: 0.943847543333333

00:57:17.060 --> 00:57:19.364 You just need to make sure you have
NOTE Confidence: 0.943847543333333

00:57:19.364 --> 00:57:21.205 enough like examples of them doing
NOTE Confidence: 0.943847543333333

00:57:21.205 --> 00:57:23.482 whatever test it is in the formative
NOTE Confidence: 0.943847543333333

00:57:23.482 --> 00:57:25.784 fashion to use those same principles
NOTE Confidence: 0.943847543333333

00:57:25.784 --> 00:57:28.100 for summative evaluation too, thanks.
NOTE Confidence: 0.82911754

00:57:31.640 --> 00:57:34.068 OK great well thanks everybody
NOTE Confidence: 0.82911754

00:57:34.068 --> 00:57:36.240 for hopping on taking some time
NOTE Confidence: 0.948184132

00:57:36.301 --> 00:57:37.948 out of your noon hour and

NOTE Confidence: 0.948184132

00:57:37.948 --> 00:57:39.738 feel free to email me.

NOTE Confidence: 0.948184132

00:57:39.740 --> 00:57:41.208 Reach out with questions,

NOTE Confidence: 0.948184132

00:57:41.208 --> 00:57:43.909 appreciate all of my Co presenters to Ben,

NOTE Confidence: 0.948184132

00:57:43.910 --> 00:57:45.406 Chris, Emily and Andrew.

NOTE Confidence: 0.948184132

00:57:45.406 --> 00:57:47.650 Thank you so very much and

NOTE Confidence: 0.948184132

00:57:47.728 --> 00:57:49.708 have a great weekend y'all.

NOTE Confidence: 0.840780294285714

00:57:49.760 --> 00:57:51.136 Come on, do you want to put up

NOTE Confidence: 0.840780294285714

00:57:51.136 --> 00:57:52.670 the QR code for the survey? For

NOTE Confidence: 0.5847577175

00:57:52.680 --> 00:57:54.748 this yeah yeah yeah

NOTE Confidence: 0.7841887533333333

00:57:55.020 --> 00:57:56.955 people can maybe I don't know if you have.

NOTE Confidence: 0.7841887533333333

00:57:56.960 --> 00:58:00.048 It also has a link. Yes, there it is.

NOTE Confidence: 0.7841887533333333

00:58:00.048 --> 00:58:02.099 If maybe you can put that in the chat.

NOTE Confidence: 0.7841887533333333

00:58:02.100 --> 00:58:03.516 Great thanks everybody.

NOTE Confidence: 0.7841887533333333

00:58:03.516 --> 00:58:07.679 Let us know if you did not get the.

NOTE Confidence: 0.7841887533333333

00:58:07.680 --> 00:58:11.892 Document. We could email that to you and we

NOTE Confidence: 0.7841887533333333

00:58:11.892 --> 00:58:15.512 really appreciate your your feedback and
NOTE Confidence: 0.7841887533333333

00:58:15.512 --> 00:58:18.168 I appreciate you and your team that came.
NOTE Confidence: 0.7841887533333333

00:58:18.170 --> 00:58:21.880 I know an hour is always way not long enough.
NOTE Confidence: 0.7841887533333333

00:58:21.880 --> 00:58:24.376 Maybe we'll try to do round two with
NOTE Confidence: 0.7841887533333333

00:58:24.376 --> 00:58:25.888 some more time for some of these.
NOTE Confidence: 0.7841887533333333

00:58:25.890 --> 00:58:27.660 I know people really get interested
NOTE Confidence: 0.7841887533333333

00:58:27.660 --> 00:58:30.780 in how to help all beyond those those.
NOTE Confidence: 0.7841887533333333

00:58:30.780 --> 00:58:33.153 Some of the things that you were
NOTE Confidence: 0.7841887533333333

00:58:33.153 --> 00:58:34.170 starting to outline.
NOTE Confidence: 0.7841887533333333

00:58:34.170 --> 00:58:37.330 Some resources for that. That we can use.
NOTE Confidence: 0.7841887533333333

00:58:37.330 --> 00:58:38.678 Thank you very much.
NOTE Confidence: 0.900262316666667

00:58:39.170 --> 00:58:41.000 Alright thanks y'all.