WEBVTT

NOTE duration: "00:16:58.0910000"

NOTE language:en-us

NOTE Confidence: 0.9824173

 $00:00:02.370 \longrightarrow 00:00:04.330$ In this video tutorial,

NOTE Confidence: 0.9824173

 $00:00:04.330 \longrightarrow 00:00:06.770$ we will review the necessary

NOTE Confidence: 0.9824173

 $00:00:06.770 \longrightarrow 00:00:09.220$ steps to obtain accurate bladder

NOTE Confidence: 0.9824173

 $00:00:09.220 \longrightarrow 00:00:11.660$ volume measurements for patients in

NOTE Confidence: 0.9824173

 $00:00:11.660 \longrightarrow 00:00:15.080$ the pediatric Ed, and we will review

NOTE Confidence: 0.9824173

 $00:00:15.080 \longrightarrow 00:00:17.530$ some cases where this pokus

NOTE Confidence: 0.9824173

 $00{:}00{:}17.530 \dashrightarrow 00{:}00{:}20.458$ application can be used to help

NOTE Confidence: 0.9824173

 $00{:}00{:}20.460 \longrightarrow 00{:}00{:}22.420$ streamline your patient care.

NOTE Confidence: 0.99060845

 $00{:}00{:}24.930 \dashrightarrow 00{:}00{:}27.795$ Indications to perform a diagnostic

NOTE Confidence: 0.99060845

 $00:00:27.795 \longrightarrow 00:00:31.070$ bladder scan include the following one.

NOTE Confidence: 0.99060845

 $00{:}00{:}31.070 \dashrightarrow 00{:}00{:}33.210$ Prior to urine catheterization

NOTE Confidence: 0.99060845

 $00:00:33.210 \longrightarrow 00:00:37.189$ to minimize risk of a dry Cath 2.

NOTE Confidence: 0.99060845

 $00:00:37.190 \longrightarrow 00:00:40.570$ Patients with suspected ovarian torsion

NOTE Confidence: 0.99060845

 $00:00:40.570 \longrightarrow 00:00:43.275$ before radiology performed ultrasound.

 $00:00:43.275 \longrightarrow 00:00:46.650$ Tadim adequacy of bladder filling.

NOTE Confidence: 0.99060845

 $00:00:46.650 \longrightarrow 00:00:50.030$ Three patients with urine retention.

NOTE Confidence: 0.99060845

00:00:50.030 --> 00:00:52.736 Four patients were reported

NOTE Confidence: 0.99060845

 $00:00:52.736 \longrightarrow 00:00:54.764$ oliguria or anuria,

NOTE Confidence: 0.99060845

00:00:54.764 --> 00:00:58.822 5 patients with incomplete bladder emptying.

NOTE Confidence: 0.99060845

 $00{:}00{:}58.822 \dashrightarrow 00{:}01{:}02.202$ 6 patients who require suprapubic

NOTE Confidence: 0.99060845

 $00:01:02.202 \longrightarrow 00:01:04.230$ bladder aspiration procedure.

NOTE Confidence: 0.97957

00:01:08.290 --> 00:01:10.250 Diagnostic bladder scans are

NOTE Confidence: 0.97957

 $00:01:10.250 \longrightarrow 00:01:13.190$ to be performed with a low

NOTE Confidence: 0.97957

 $00:01:13.190 \longrightarrow 00:01:14.660$ frequency curvilinear transducer.

NOTE Confidence: 0.9872896

 $00{:}01{:}18.300 \dashrightarrow 00{:}01{:}20.200$ To maximize patient comfort and

NOTE Confidence: 0.9872896

00:01:20.200 --> 00:01:22.560 improve the quality of your study,

NOTE Confidence: 0.9872896

00:01:22.560 --> 00:01:24.495 hold the transducer like a

NOTE Confidence: 0.9872896

 $00{:}01{:}24.495 \dashrightarrow 00{:}01{:}26.430$ pen with an incorrect grip.

NOTE Confidence: 0.9872896

 $00:01:26.430 \longrightarrow 00:01:28.824$ Unnecessary pressure is often applied to

 $00:01:28.824 \longrightarrow 00:01:31.459$ the patient skin with a correct grip.

NOTE Confidence: 0.9872896

00:01:31.460 --> 00:01:34.380 The ulnar side of your hand will be

NOTE Confidence: 0.9872896

 $00:01:34.380 \longrightarrow 00:01:36.489$ directly touching the patient's body.

NOTE Confidence: 0.9872896

 $00:01:36.490 \longrightarrow 00:01:39.010$ This will allow you to maneuver the

NOTE Confidence: 0.9872896

 $00:01:39.010 \longrightarrow 00:01:42.195$ probe as necessary and allow for a more

NOTE Confidence: 0.9872896

 $00:01:42.195 \longrightarrow 00:01:44.230$ comfortable experience for your patient.

NOTE Confidence: 0.9877864

 $00{:}01{:}47.260 \dashrightarrow 00{:}01{:}49.510$ Please feel free to wear gloves

NOTE Confidence: 0.9877864

 $00:01:49.510 \longrightarrow 00:01:51.010$ during your ultrasound scan.

NOTE Confidence: 0.9877864

00:01:51.010 --> 00:01:53.044 Many patients will feel more relaxed

NOTE Confidence: 0.9877864

 $00:01:53.044 \longrightarrow 00:01:55.179$ and the routine use of gloves

NOTE Confidence: 0.9877864

 $00{:}01{:}55.179 \dashrightarrow 00{:}01{:}57.321$ will also decrease the risk of

NOTE Confidence: 0.9877864

 $00:01:57.321 \longrightarrow 00:01:58.890$ infectious disease transmission.

NOTE Confidence: 0.9745946

 $00:02:01.550 \longrightarrow 00:02:03.888$ Before we dive into the image

NOTE Confidence: 0.9745946

 $00{:}02{:}03.888 \dashrightarrow 00{:}02{:}06.216$ acquisition steps for your bladder scan,

NOTE Confidence: 0.9745946

 $00:02:06.220 \longrightarrow 00:02:08.158$ let's review a couple of

NOTE Confidence: 0.9745946

 $00:02:08.160 \longrightarrow 00:02:09.330$ important housekeeping items.

 $00:02:09.330 \longrightarrow 00:02:12.050$ Firstly, the epic order to choose from

NOTE Confidence: 0.9745946

 $00{:}02{:}12.050 \dashrightarrow 00{:}02{:}14.780$ the quick list menu is Ed diagnostic

NOTE Confidence: 0.9745946

00:02:14.780 --> 00:02:17.044 flatter volume eval using this correct

NOTE Confidence: 0.9745946

 $00:02:17.044 \longrightarrow 00:02:19.620$ order will ensure that your image is

NOTE Confidence: 0.9745946

00:02:19.691 --> 00:02:22.169 captured will be transferred to EPIC,

NOTE Confidence: 0.9745946

 $00:02:22.170 \longrightarrow 00:02:24.498$ and a report of your interpretation

NOTE Confidence: 0.9745946

 $00:02:24.498 \longrightarrow 00:02:25.662$ will be generated.

NOTE Confidence: 0.9745946

 $00{:}02{:}25.670 \dashrightarrow 00{:}02{:}28.780$ Secondly, it is important to fill out Q

NOTE Confidence: 0.9745946

00:02:28.780 --> 00:02:31.190 path immediately after your bladder scan.

NOTE Confidence: 0.9745946

 $00:02:31.190 \longrightarrow 00:02:33.372$ Is completed and attending signature

NOTE Confidence: 0.9745946

 $00:02:33.372 \dashrightarrow 00:02:36.750$ will be required to push both the images

NOTE Confidence: 0.9745946

 $00{:}02{:}36.750 \dashrightarrow 00{:}02{:}39.908$ and report over to the medical record.

NOTE Confidence: 0.98752296

 $00:02:42.420 \longrightarrow 00:02:44.743$ First you will scan through the bladder

NOTE Confidence: 0.98752296

 $00:02:44.743 \longrightarrow 00:02:46.408$ and transverse orientation with the

NOTE Confidence: 0.98752296

00:02:46.408 --> 00:02:48.060 indicator towards the patient right?

00:02:48.060 --> 00:02:50.384 Make sure you're all the way down

NOTE Confidence: 0.98752296

 $00:02:50.384 \longrightarrow 00:02:52.652$ to the pubic synthesis in order to

NOTE Confidence: 0.98752296

 $00:02:52.652 \longrightarrow 00:02:54.373$ visualize the bladder and slowly

NOTE Confidence: 0.98752296

 $00:02:54.373 \longrightarrow 00:02:56.700$ fan the probe all the way through.

NOTE Confidence: 0.98064566

 $00:02:59.200 \longrightarrow 00:03:01.155$ Next you will turn the probe

NOTE Confidence: 0.98064566

 $00:03:01.155 \longrightarrow 00:03:03.099$ clockwise 90 degrees so that the

NOTE Confidence: 0.98064566

 $00:03:03.100 \longrightarrow 00:03:04.725$ indicator is pointing towards the

NOTE Confidence: 0.98064566

00:03:04.725 --> 00:03:06.675 patients head and this view you

NOTE Confidence: 0.98064566

 $00{:}03{:}06.675 \dashrightarrow 00{:}03{:}08.950$ will see the bladder in long axis.

NOTE Confidence: 0.98064566

00:03:08.950 --> 00:03:10.903 Again, you want to slowly fan

NOTE Confidence: 0.98064566

 $00{:}03{:}10.903 \dashrightarrow 00{:}03{:}13.175$ the probe all the way through and

NOTE Confidence: 0.98064566

 $00:03:13.175 \longrightarrow 00:03:15.455$ keep an eye out for any abnormal

NOTE Confidence: 0.98064566

 $00:03:15.455 \longrightarrow 00:03:17.080$ lesions or masses that may

NOTE Confidence: 0.98064566

 $00:03:17.080 \longrightarrow 00:03:18.700$ be present behind the bladder.

NOTE Confidence: 0.97923785

 $00:03:21.380 \longrightarrow 00:03:22.572$ In the next step,

NOTE Confidence: 0.97923785

 $00:03:22.572 \longrightarrow 00:03:24.928$ we will review how to actually obtain

 $00{:}03{:}24.928 \dashrightarrow 00{:}03{:}26.920$ your bladder volume measurements.

NOTE Confidence: 0.97923785

00:03:26.920 --> 00:03:29.068 As long as you're using a

NOTE Confidence: 0.97923785

 $00:03:29.068 \longrightarrow 00:03:30.500$ curvilinear probe utilizing the

NOTE Confidence: 0.97923785

00:03:30.565 --> 00:03:32.450 abdominal or pelvic exam mode,

NOTE Confidence: 0.97923785

00:03:32.450 --> 00:03:34.658 you'll be able to pull up

NOTE Confidence: 0.97923785

 $00:03:34.658 \longrightarrow 00:03:35.762$ the right calculator.

NOTE Confidence: 0.97923785

 $00:03:35.770 \longrightarrow 00:03:37.900$ Let's look at the buttons that

NOTE Confidence: 0.97923785

 $00:03:37.900 \longrightarrow 00:03:40.199$ are squared off in pink boxes.

NOTE Confidence: 0.97923785

 $00:03:40.200 \longrightarrow 00:03:42.666$ You will once again return to

NOTE Confidence: 0.97923785

 $00{:}03{:}42.666 \dashrightarrow 00{:}03{:}44.310$ transverse orientation and find

NOTE Confidence: 0.97923785

 $00{:}03{:}44.378 \dashrightarrow 00{:}03{:}46.639$ the bladder where you see it at

NOTE Confidence: 0.97923785

 $00{:}03{:}46.639 \dashrightarrow 00{:}03{:}48.690$ its biggest size and hit freeze.

NOTE Confidence: 0.97923785

 $00:03:48.690 \longrightarrow 00:03:50.278$ Here you will enter.

NOTE Confidence: 0.97923785

 $00:03:50.280 \longrightarrow 00:03:53.340$ The calc button all the way on the left.

NOTE Confidence: 0.97923785

 $00:03:53.340 \longrightarrow 00:03:55.380$ This will allow you to enter

 $00:03:55.380 \longrightarrow 00:03:56.400$ your first measurement,

NOTE Confidence: 0.97923785

 $00:03:56.400 \longrightarrow 00:03:58.440$ which will be the height when

NOTE Confidence: 0.97923785

 $00:03:58.440 \longrightarrow 00:04:00.140$ you push the measure button,

NOTE Confidence: 0.97923785

 $00:04:00.140 \longrightarrow 00:04:02.860$ a caliper will appear on your screen monitor.

NOTE Confidence: 0.97923785

 $00:04:02.860 \longrightarrow 00:04:04.560$ You can use the trackpad

NOTE Confidence: 0.97923785

 $00:04:04.560 \longrightarrow 00:04:06.260$ to move the caliper from

NOTE Confidence: 0.9854504

 $00:04:06.260 \longrightarrow 00:04:08.980$ the top of the bladder to the bottom

NOTE Confidence: 0.9854504

 $00:04:08.980 \longrightarrow 00:04:11.436$ of the platter. You can then repeat these

NOTE Confidence: 0.9854504

 $00:04:11.436 \longrightarrow 00:04:13.739$ steps still in transverse orientation to

NOTE Confidence: 0.9854504

00:04:13.740 --> 00:04:15.780 obtain a width measurement and you

NOTE Confidence: 0.9854504

 $00{:}04{:}15.780 \dashrightarrow 00{:}04{:}18.620$ can now save a still image of your

NOTE Confidence: 0.9854504

 $00:04:18.620 \longrightarrow 00:04:20.346$ transverse measurements by hitting the.

NOTE Confidence: 0.9854504

00:04:20.346 --> 00:04:22.500 Acquire button to obtain your

NOTE Confidence: 0.9854504

 $00:04:22.500 \longrightarrow 00:04:23.805$ bladder length measurement.

NOTE Confidence: 0.9854504

 $00{:}04{:}23.810 \dashrightarrow 00{:}04{:}26.318$ You'll have to unfreeze the screen

NOTE Confidence: 0.9854504

 $00:04:26.318 \longrightarrow 00:04:29.040$ by hitting the 2D mode button.

 $00:04:29.040 \longrightarrow 00:04:30.780$ That is an orange

NOTE Confidence: 0.9623178

 $00:04:30.780 \longrightarrow 00:04:33.396$ color above the trackpad. You once

NOTE Confidence: 0.9623178

 $00:04:33.400 \longrightarrow 00:04:36.438$ again hit the CAP button and the

NOTE Confidence: 0.9623178

00:04:36.438 --> 00:04:38.629 machine will remember your prior

NOTE Confidence: 0.9623178

 $00:04:38.630 \longrightarrow 00:04:41.250$ two measurements and allow you to

NOTE Confidence: 0.9623178

 $00:04:41.250 \longrightarrow 00:04:43.432$ now obtain a third measurement.

NOTE Confidence: 0.9623178

 $00:04:43.432 \longrightarrow 00:04:46.920$ Placed the caliper on the Trigone area of

NOTE Confidence: 0.9623178

 $00:04:46.920 \longrightarrow 00:04:49.100$ the bladder and obtain the

NOTE Confidence: 0.9727081

00:04:49.100 --> 00:04:50.543 longest distance seen.

NOTE Confidence: 0.9727081

 $00:04:50.543 \longrightarrow 00:04:53.429$ Towards the bottom part of the

NOTE Confidence: 0.97790325

 $00{:}04{:}53.430 {\: \hbox{\scriptsize -->}}\> 00{:}04{:}55.740$ bladder. Once you obtain this

NOTE Confidence: 0.97790325

 $00:04:55.740 \longrightarrow 00:04:58.200$ final measurement, the. Ultrasound

NOTE Confidence: 0.9062551

 $00:04:58.200 \longrightarrow 00:04:59.511$ machine will automatically

NOTE Confidence: 0.9062551

 $00:04:59.511 \longrightarrow 00:05:01.696$ generate the bladder volume using

NOTE Confidence: 0.9062551

 $00:05:01.696 \longrightarrow 00:05:04.410$ a pre designated formula that has

 $00:05:04.410 \longrightarrow 00:05:06.620$ been programmed into the system.

NOTE Confidence: 0.9780492

 $00{:}05{:}08.990 \dashrightarrow 00{:}05{:}11.195$ Your final step will be to interpret

NOTE Confidence: 0.9780492

 $00:05:11.200 \longrightarrow 00:05:12.780$ your appointed Carol to sound

NOTE Confidence: 0.9780492

 $00:05:12.780 \longrightarrow 00:05:14.355$ findings related to the platter.

NOTE Confidence: 0.9780492

 $00:05:14.360 \longrightarrow 00:05:15.940$ Depending on why you're doing

NOTE Confidence: 0.9780492

00:05:15.940 --> 00:05:17.840 this study in the 1st place,

NOTE Confidence: 0.9780492

 $00{:}05{:}17.840 \to 00{:}05{:}19.734$ you will make an assessment of

NOTE Confidence: 0.9780492

 $00{:}05{:}19.734 \dashrightarrow 00{:}05{:}21.315$ whether there is sufficient or

NOTE Confidence: 0.9780492

 $00{:}05{:}21.315 --> 00{:}05{:}22.896$ in sufficient amount of urine for

NOTE Confidence: 0.9780492

 $00:05:22.896 \longrightarrow 00:05:24.162$ a catheterization procedure and

NOTE Confidence: 0.9780492

 $00:05:24.162 \longrightarrow 00:05:25.425$ likewise sufficient or insufficient

NOTE Confidence: 0.9780492

 $00{:}05{:}25.425 \to 00{:}05{:}27.002$ amount of urine for radiology.

NOTE Confidence: 0.9780492

00:05:27.002 --> 00:05:27.318 Performed

NOTE Confidence: 0.9780492

 $00:05:27.320 \longrightarrow 00:05:28.580$ ultrasound to assess for

NOTE Confidence: 0.9780492

 $00:05:28.580 \longrightarrow 00:05:29.850$ ovarian pathology, and you

NOTE Confidence: 0.9780492

 $00{:}05{:}29.850 \dashrightarrow 00{:}05{:}32.370$ will also be asked to provide a general

 $00:05:32.370 \longrightarrow 00:05:34.584$ assessment of the amount of urine in

NOTE Confidence: 0.9780492

 $00:05:34.584 \longrightarrow 00:05:36.480$ the bladder which you will correlate

NOTE Confidence: 0.9780492

 $00:05:36.480 \longrightarrow 00:05:38.145$ clinically and apply those volume

NOTE Confidence: 0.9780492

00:05:38.145 --> 00:05:39.810 measurements to expected bladder capacity.

NOTE Confidence: 0.9780492

 $00:05:39.810 \longrightarrow 00:05:43.038$ And established norms for postvoid residuals.

NOTE Confidence: 0.9776121

 $00:05:45.590 \longrightarrow 00:05:48.254$ The good news is that you will not

NOTE Confidence: 0.9776121

 $00:05:48.254 \longrightarrow 00:05:50.518$ be expected to memorize anything.

NOTE Confidence: 0.9776121

 $00:05:50.520 \longrightarrow 00:05:52.530$ All of the necessary formulas that

NOTE Confidence: 0.9776121

 $00{:}05{:}52.530 \dashrightarrow 00{:}05{:}55.116$ you may need will be embedded into

NOTE Confidence: 0.9776121

 $00:05:55.116 \longrightarrow 00:05:57.474$ the queue path worksheet created for

NOTE Confidence: 0.9776121

 $00{:}05{:}57.474 \dashrightarrow 00{:}05{:}59.610$ bladder volume evaluations in RED.

NOTE Confidence: 0.9776121

 $00:05:59.610 \longrightarrow 00:06:01.842$ This will help you with your

NOTE Confidence: 0.9776121

 $00{:}06{:}01.842 \dashrightarrow 00{:}06{:}04.160$ interpretations as you fill out the

NOTE Confidence: 0.9776121

 $00{:}06{:}04.160 \dashrightarrow 00{:}06{:}06.060$ worksheet findings in real time.

NOTE Confidence: 0.9903977

 $00:06:08.940 \longrightarrow 00:06:11.369$ So let's look at some practice cases.

 $00:06:15.910 \longrightarrow 00:06:19.510$ Case one, a 2 year old girl with

NOTE Confidence: 0.96526253

 $00{:}06{:}19.510 \dashrightarrow 00{:}06{:}21.310$ Linux gesto seizure disorder.

NOTE Confidence: 0.96526253

 $00:06:21.310 \longrightarrow 00:06:23.760$ G2 dependance neurogenic bladder and

NOTE Confidence: 0.96526253

 $00:06:23.760 \longrightarrow 00:06:25.720$ global developmental delay presents

NOTE Confidence: 0.96526253

 $00:06:25.720 \longrightarrow 00:06:27.858$ with unexplained tachycardia and

NOTE Confidence: 0.96526253

 $00{:}06{:}27.858 \dashrightarrow 00{:}06{:}29.966$ increase in seizure frequency.

NOTE Confidence: 0.96526253

00:06:29.970 --> 00:06:32.196 As part of her work up,

NOTE Confidence: 0.96526253

 $00:06:32.200 \longrightarrow 00:06:33.464$ urine testing is ordered.

NOTE Confidence: 0.96526253

 $00{:}06{:}33.464 \dashrightarrow 00{:}06{:}35.853$ Mom opts to do a urine catheterization

NOTE Confidence: 0.96526253

 $00:06:35.853 \longrightarrow 00:06:39.245$ herself as she is routinely dusis at home,

NOTE Confidence: 0.96526253

 $00{:}06{:}39.250 \dashrightarrow 00{:}06{:}41.470$ but she was unsuccessful and reports

NOTE Confidence: 0.96526253

 $00:06:41.470 \longrightarrow 00:06:43.594$ was unable to obtain any urine.

NOTE Confidence: 0.96526253

 $00:06:43.594 \longrightarrow 00:06:45.960$ She is very concerned that her daughter

NOTE Confidence: 0.96526253

00:06:46.019 --> 00:06:48.185 is dehydrated and the nursing staff

NOTE Confidence: 0.96526253

 $00:06:48.185 \longrightarrow 00:06:50.525$ does not feel comfortable performing a

NOTE Confidence: 0.96526253

 $00:06:50.525 \longrightarrow 00:06:52.600$ repeat catheterization at this time.

 $00:06:55.290 \longrightarrow 00:06:56.850$ You first recorded the bladder

NOTE Confidence: 0.98303807

 $00:06:56.850 \longrightarrow 00:06:57.786$ in transverse orientation,

NOTE Confidence: 0.98303807

 $00:06:57.790 \longrightarrow 00:06:59.350$ and although it appears less

NOTE Confidence: 0.98303807

 $00:06:59.350 \longrightarrow 00:07:00.910$ round than you usually expect,

NOTE Confidence: 0.98303807

 $00:07:00.910 \longrightarrow 00:07:03.712$ there seems to be a fair

NOTE Confidence: 0.98303807

 $00:07:03.712 \longrightarrow 00:07:05.580$ amount of urine present.

NOTE Confidence: 0.98303807

 $00:07:05.580 \longrightarrow 00:07:07.506$ You then rotate the probe 90

NOTE Confidence: 0.98303807

 $00{:}07{:}07.506 \dashrightarrow 00{:}07{:}09.859$ degrees and assess the letter in

NOTE Confidence: 0.98303807

00:07:09.859 --> 00:07:11.368 longitudinal orientation where

NOTE Confidence: 0.98303807

 $00{:}07{:}11.370 \dashrightarrow 00{:}07{:}14.075$ once again the bladder is seen to

NOTE Confidence: 0.98303807

 $00:07:14.075 \longrightarrow 00:07:16.390$ be filled with plenty of urine.

NOTE Confidence: 0.9756823

 $00:07:19.420 \longrightarrow 00:07:21.450$ You go back to transverse

NOTE Confidence: 0.9756823

 $00{:}07{:}21.450 \dashrightarrow 00{:}07{:}23.476$ orientation and freeze the screen.

NOTE Confidence: 0.9756823

 $00{:}07{:}23.476 \dashrightarrow 00{:}07{:}25.100$ Obtain a height measurement

NOTE Confidence: 0.9756823

 $00:07:25.100 \longrightarrow 00:07:27.130$ from top to bottom. Obtain

 $00:07:27.130 \longrightarrow 00:07:29.979$ a width measurement from left to right.

NOTE Confidence: 0.9502981

 $00:07:30.680 \longrightarrow 00:07:35.340$ Save that image. He then get the length

NOTE Confidence: 0.9502981

 $00:07:35.340 \longrightarrow 00:07:38.830$ of the bladder in longitudinal orientation,

NOTE Confidence: 0.9502981

 $00:07:38.830 \longrightarrow 00:07:41.156$ placing the calipers across

NOTE Confidence: 0.9502981

00:07:41.156 --> 00:07:43.480 the longest possible distance.

NOTE Confidence: 0.9502981

 $00:07:43.480 \longrightarrow 00:07:45.808$ The ultrasound machine automatically

NOTE Confidence: 0.9502981

 $00:07:45.808 \longrightarrow 00:07:48.136$ calculates the volume estimate

NOTE Confidence: 0.9502981

00:07:48.140 --> 00:07:49.889 of 82 CCS.

NOTE Confidence: 0.94219744

 $00:07:52.790 \longrightarrow 00:07:55.680$ You review these findings with mum

NOTE Confidence: 0.94219744

00:07:55.680 --> 00:07:59.064 and the nursing staff and feel that a

NOTE Confidence: 0.94219744

 $00{:}07{:}59.064 \dashrightarrow 00{:}08{:}01.949$ repeat attempt at urine catheterization

NOTE Confidence: 0.94219744

 $00:08:01.950 \longrightarrow 00:08:04.359$ would be reasonable to perform.

NOTE Confidence: 0.9604902

 $00{:}08{:}07.260 \dashrightarrow 00{:}08{:}09.272$ Repeat catheterization is successful

NOTE Confidence: 0.9604902

 $00:08:09.272 \longrightarrow 00:08:11.792$ and ultimately diagnostic for a

NOTE Confidence: 0.9604902

 $00:08:11.792 \longrightarrow 00:08:14.313$ urinary tract infection with greater

NOTE Confidence: 0.9604902

 $00:08:14.313 \longrightarrow 00:08:16.834$ than 100,000 colony forming units

 $00{:}08{:}16.834 \dashrightarrow 00{:}08{:}19.354$ of Enterococcus arena over sound

NOTE Confidence: 0.9604902

 $00{:}08{:}19.354 \dashrightarrow 00{:}08{:}21.370$ performed by diagnostic radiology.

NOTE Confidence: 0.9604902

00:08:21.370 --> 00:08:23.975 Revealed debris within the right

NOTE Confidence: 0.9604902

 $00:08:23.975 \longrightarrow 00:08:26.580$ erator which was causing obstruction

NOTE Confidence: 0.9604902

00:08:26.662 --> 00:08:28.927 and hydroureter oh nephro sis,

NOTE Confidence: 0.9604902

 $00:08:28.930 \longrightarrow 00:08:31.445$ which was managed by the

NOTE Confidence: 0.9604902

 $00:08:31.445 \longrightarrow 00:08:32.954$ inpatient urology service.

NOTE Confidence: 0.97904736

 $00:08:35.370 \longrightarrow 00:08:38.339$ So as it turns out, it does not

NOTE Confidence: 0.97904736

 $00:08:38.339 \longrightarrow 00:08:40.530$ take much urine at all to predict

NOTE Confidence: 0.97904736

 $00:08:40.605 \longrightarrow 00:08:42.525$ successful catheterization and patient

NOTE Confidence: 0.97904736

 $00:08:42.525 \longrightarrow 00:08:45.900$ under two years of age without pocus.

NOTE Confidence: 0.97904736

00:08:45.900 --> 00:08:47.880 To visualize splatter contents,

NOTE Confidence: 0.97904736

 $00:08:47.880 \longrightarrow 00:08:50.850$ the rate of successful urine catheterization

NOTE Confidence: 0.97904736

 $00:08:50.925 \longrightarrow 00:08:52.707$ in this age group was published

NOTE Confidence: 0.97904736

 $00:08:52.707 \longrightarrow 00:08:54.929$ to be 72% during the observation.

00:08:54.929 --> 00:08:57.587 ULL phase of a study published

NOTE Confidence: 0.97904736

 $00:08:57.587 \longrightarrow 00:08:59.669$ by Chen at all in 2005.

NOTE Confidence: 0.97904736

00:08:59.670 --> 00:09:02.448 However, when the investigators applied Pocus

NOTE Confidence: 0.97904736

 $00:09:02.448 \longrightarrow 00:09:05.210$ to determine whether there was at least.

NOTE Confidence: 0.97904736

 $00:09:05.210 \longrightarrow 00:09:08.578$ Two CC's of urine present in the bladder.

NOTE Confidence: 0.97904736

 $00:09:08.580 \longrightarrow 00:09:11.455$ The rate of successful catheterization

NOTE Confidence: 0.97904736

00:09:11.455 --> 00:09:14.797 when done by nursing staff was

NOTE Confidence: 0.97904736

 $00:09:14.797 \longrightarrow 00:09:17.429$ reported to be as high as 96%.

NOTE Confidence: 0.97904736

 $00{:}09{:}17.430 \dashrightarrow 00{:}09{:}20.111$ Case 2 highlights the point of care

NOTE Confidence: 0.97904736

 $00:09:20.111 \longrightarrow 00:09:22.470$ ultrasound role in ovarian torsion.

NOTE Confidence: 0.97904736

 $00{:}09{:}22.470 \dashrightarrow 00{:}09{:}24.150$ To expedite confirmatory testing,

NOTE Confidence: 0.97904736

 $00:09:24.150 \longrightarrow 00:09:27.930$ here we have an 18 year old female who

NOTE Confidence: 0.97904736

 $00:09:27.930 \longrightarrow 00:09:30.450$ presents with sudden onset of intense

NOTE Confidence: 0.97904736

 $00:09:30.450 \longrightarrow 00:09:32.970$ right lower quadrant pain and nausha.

NOTE Confidence: 0.97904736

 $00:09:32.970 \longrightarrow 00:09:36.323$ She reports no fever or he materia

NOTE Confidence: 0.97904736

 $00:09:36.323 \longrightarrow 00:09:38.692$ denies the possibility of pregnancy

 $00{:}09{:}38.692 \dashrightarrow 00{:}09{:}41.632$ and has never had a pelvic exam.

NOTE Confidence: 0.97904736

 $00:09:41.640 \longrightarrow 00:09:42.470$ For you,

NOTE Confidence: 0.97904736

 $00:09:42.470 \longrightarrow 00:09:44.545$ she's very tearful and uncomfortable

NOTE Confidence: 0.97904736

 $00:09:44.545 \longrightarrow 00:09:47.455$ and is tender to touch to the

NOTE Confidence: 0.97904736

00:09:47.455 --> 00:09:49.175 right lower quadrant area,

NOTE Confidence: 0.97904736

 $00:09:49.175 \longrightarrow 00:09:51.785$ you need to prioritize getting a

NOTE Confidence: 0.97904736

 $00:09:51.785 \longrightarrow 00:09:53.675$ urine sample with a transabdominal

NOTE Confidence: 0.97904736

 $00:09:53.675 \longrightarrow 00:09:54.922$ ultrasound to assess.

NOTE Confidence: 0.97904736

 $00:09:54.922 \longrightarrow 00:09:56.170$ For ovarian torsion,

NOTE Confidence: 0.97904736

 $00:09:56.170 \longrightarrow 00:09:58.660$ you record her bladder and transfers

NOTE Confidence: 0.97904736

 $00{:}09{:}58.660 \dashrightarrow 00{:}10{:}00.320$ orientation and notes nicely.

NOTE Confidence: 0.97904736

 $00{:}10{:}00.320 \dashrightarrow 00{:}10{:}01.976$ Fluid filled structure with

NOTE Confidence: 0.97904736

 $00{:}10{:}01.976 \dashrightarrow 00{:}10{:}03.218$ posterior acoustic enhancement.

NOTE Confidence: 0.9717194

00:10:05.480 --> 00:10:07.520 Upon interrogation and longitudinal access,

NOTE Confidence: 0.9717194

 $00:10:07.520 \longrightarrow 00:10:10.089$ you again see a nicely filled bladder

 $00:10:10.089 \longrightarrow 00:10:13.209$ with a normal appearing uterus behind it.

NOTE Confidence: 0.983724

 $00{:}10{:}15.570 \dashrightarrow 00{:}10{:}18.588$ He obtain your measurements and transverse.

NOTE Confidence: 0.983724

 $00:10:18.590 \longrightarrow 00:10:22.118$ The bladder height is about 7.3 centimeters.

NOTE Confidence: 0.983724

 $00:10:22.120 \longrightarrow 00:10:26.278$ The bladder width is about 9.7 centimeters.

NOTE Confidence: 0.983724

 $00:10:26.280 \longrightarrow 00:10:28.455$ And in longitudinal, your bladder

NOTE Confidence: 0.983724

 $00:10:28.455 \longrightarrow 00:10:30.632$ length is about 8.5 centimeters,

NOTE Confidence: 0.983724

00:10:30.632 --> 00:10:33.245 which gives you a total bladder

NOTE Confidence: 0.983724

 $00:10:33.245 \longrightarrow 00:10:35.420$ volume of about 314 CCS.

NOTE Confidence: 0.983724

 $00:10:35.420 \longrightarrow 00:10:37.590$ This is incredibly useful information,

NOTE Confidence: 0.983724

00:10:37.590 --> 00:10:40.266 as you would expect bladder capacity

NOTE Confidence: 0.983724

 $00:10:40.266 \longrightarrow 00:10:43.680$ and an adult to be about 500 CC's.

NOTE Confidence: 0.9864936

00:10:45.900 --> 00:10:48.728 You determined she should be ready for

NOTE Confidence: 0.9864936

00:10:48.728 --> 00:10:50.370 radiology ultrasound without delay,

NOTE Confidence: 0.9864936

00:10:50.370 --> 00:10:53.338 but you also have a bonus finding on

NOTE Confidence: 0.9864936

 $00:10:53.338 \longrightarrow 00:10:56.197$ your bedside scan when you gently angle

NOTE Confidence: 0.9864936

 $00{:}10{:}56.197 \dashrightarrow 00{:}10{:}59.174$ her probe towards her right side using

00:10:59.174 --> 00:11:01.730 her bladder as an acoustic window.

NOTE Confidence: 0.9864936

 $00:11:01.730 \longrightarrow 00:11:04.978$ You actually can't see her ovary on the

NOTE Confidence: 0.9864936

00:11:04.978 --> 00:11:07.010 right, it appears morphologically normal,

NOTE Confidence: 0.9864936

 $00:11:07.010 \longrightarrow 00:11:08.636$ and its size, shape,

NOTE Confidence: 0.9864936

 $00{:}11{:}08.636 \dashrightarrow 00{:}11{:}10.680$ and appearance as small follicular

NOTE Confidence: 0.9864936

 $00:11:10.680 \longrightarrow 00:11:13.200$ structures within these findings make it

NOTE Confidence: 0.9864936

00:11:13.200 --> 00:11:15.239 incredibly unlikely that your patient.

NOTE Confidence: 0.9864936

 $00{:}11{:}15.240 \dashrightarrow 00{:}11{:}18.468$ Has a cute right sided ovarian torsion.

NOTE Confidence: 0.967141000000001

 $00{:}11{:}20.840 \dashrightarrow 00{:}11{:}23.496$ On the flip side, you may have come

NOTE Confidence: 0.967141000000001

 $00:11:23.496 \longrightarrow 00:11:25.985$ across a case where something just

NOTE Confidence: 0.967141000000001

00:11:25.985 --> 00:11:29.075 doesn't look quite right deep in the

NOTE Confidence: 0.967141000000001

 $00:11:29.075 \longrightarrow 00:11:31.770$ pelvis in this patient who there were

NOTE Confidence: 0.967141000000001

 $00{:}11{:}31.770 \dashrightarrow 00{:}11{:}33.960$ also some concerns for ovarian torsion,

NOTE Confidence: 0.967141000000001

 $00{:}11{:}33.960 \dashrightarrow 00{:}11{:}37.036$ you can see a large ovoid lesion with

NOTE Confidence: 0.967141000000001

 $00:11:37.036 \longrightarrow 00:11:38.792$ some follicular architecture which

 $00:11:38.792 \longrightarrow 00:11:41.327$ is present behind the uterus and

NOTE Confidence: 0.967141000000001

 $00:11:41.327 \longrightarrow 00:11:43.457$ pushing up on the uterine fundus.

NOTE Confidence: 0.967141000000001

00:11:43.460 --> 00:11:45.410 The bladder here is decompressed,

NOTE Confidence: 0.967141000000001

00:11:45.410 --> 00:11:47.500 but even though diagnostics for

NOTE Confidence: 0.967141000000001

 $00:11:47.500 \longrightarrow 00:11:49.590$ ovarian torsion by ultrasound are

NOTE Confidence: 0.967141000000001

00:11:49.661 --> 00:11:51.977 best left for our radiology experts.

NOTE Confidence: 0.967141000000001

 $00:11:51.980 \longrightarrow 00:11:54.500$ To confirm any abnormal screening findings

NOTE Confidence: 0.967141000000001

 $00:11:54.500 \longrightarrow 00:11:57.477$ such as this one should heighten the

NOTE Confidence: 0.967141000000001

 $00{:}11{:}57.477 \dashrightarrow 00{:}12{:}00.319$ level of urgency and should also help

NOTE Confidence: 0.967141000000001

00:12:00.395 --> 00:12:03.187 expedite the time it takes to get your

NOTE Confidence: 0.967141000000001

00:12:03.187 --> 00:12:05.358 patient to her definitive imaging study.

NOTE Confidence: 0.967141000000001

00:12:05.358 --> 00:12:08.489 Now back to the case of the patient

NOTE Confidence: 0.967141000000001

 $00:12:08.489 \longrightarrow 00:12:11.039$ with acute right lower quadrant pain.

NOTE Confidence: 0.967141000000001

00:12:11.040 --> 00:12:12.980 Your pocus helped determine the

NOTE Confidence: 0.967141000000001

00:12:12.980 --> 00:12:14.920 suitability of getting her over

NOTE Confidence: 0.967141000000001

 $00{:}12{:}14.989 \dashrightarrow 00{:}12{:}17.209$ to radiology to have their formal

00:12:17.209 --> 00:12:19.370 diagnostic testing done at radiology.

NOTE Confidence: 0.967141000000001

 $00{:}12{:}19.370 \dashrightarrow 00{:}12{:}22.334$ A normal right sided ovary was

NOTE Confidence: 0.967141000000001

 $00:12:22.334 \longrightarrow 00:12:23.816$ again it visualized.

NOTE Confidence: 0.967141000000001

 $00:12:23.820 \longrightarrow 00:12:25.604$ However, she had findings

NOTE Confidence: 0.967141000000001

 $00:12:25.604 \longrightarrow 00:12:27.388$ compatible with acute appendicitis.

NOTE Confidence: 0.967141000000001 00:12:27.390 --> 00:12:27.791 Luckily, NOTE Confidence: 0.967141000000001

1101L Connacnee: 0.501141000000001

00:12:27.791 --> 00:12:30.598 you had already made the right call

NOTE Confidence: 0.967141000000001

 $00:12:30.598 \longrightarrow 00:12:33.190$ to obtain lab intravenous access,

NOTE Confidence: 0.967141000000001

 $00:12:33.190 \longrightarrow 00:12:34.525$ made her NPO,

NOTE Confidence: 0.967141000000001

 $00{:}12{:}34.525 \dashrightarrow 00{:}12{:}36.750$ and started normal saline bolus.

NOTE Confidence: 0.9737252

00:12:39.480 --> 00:12:41.100 Case 3 is a post

NOTE Confidence: 0.9737252

 $00:12:41.100 \longrightarrow 00:12:42.720$ void residual bladder volume measurement.

NOTE Confidence: 0.9737252

 $00:12:42.720 \longrightarrow 00:12:45.308$ In this case a 10 year old circumcised

NOTE Confidence: 0.9737252

 $00:12:45.308 \longrightarrow 00:12:46.930$ male presents with mild idiopathic

NOTE Confidence: 0.9737252

 $00:12:46.930 \longrightarrow 00:12:49.198$ swelling to his penis and had an

 $00:12:49.198 \longrightarrow 00:12:50.820$ otherwise normal genito urinary exam.

NOTE Confidence: 0.9737252

 $00:12:50.820 \longrightarrow 00:12:52.440$ On review of symptoms, he

NOTE Confidence: 0.9737252

 $00:12:52.440 \longrightarrow 00:12:55.356$ says that he wakes up to go to the

NOTE Confidence: 0.9737252

 $00:12:55.360 \longrightarrow 00:12:57.298$ bathroom several times at night and

NOTE Confidence: 0.9737252

 $00:12:57.298 \longrightarrow 00:12:59.608$ for over a year the teachers had

NOTE Confidence: 0.9737252

00:12:59.608 --> 00:13:01.835 reported that he goes to the bathroom

NOTE Confidence: 0.9737252

 $00{:}13{:}01.835 \dashrightarrow 00{:}13{:}03.779$ several times a day while he's

NOTE Confidence: 0.9737252

 $00:13:03.780 \longrightarrow 00:13:07.020$ at school. Your plan is to do a dose of

NOTE Confidence: 0.982450425

 $00:13:07.020 \longrightarrow 00:13:08.945$ Benadryl for the. Mild swelling

NOTE Confidence: 0.982450425

 $00:13:08.945 \longrightarrow 00:13:10.710$ and obtained a year analysis

NOTE Confidence: 0.982450425

 $00{:}13{:}10.710 \dashrightarrow 00{:}13{:}12.238$ to screen for potential causes

NOTE Confidence: 0.98768556

 $00:13:12.240 \longrightarrow 00:13:13.536$ of these symptoms. However,

NOTE Confidence: 0.98768556

 $00:13:13.536 \longrightarrow 00:13:15.610$ he is only able to avoid a

NOTE Confidence: 0.98768556

 $00{:}13{:}15.610 \dashrightarrow 00{:}13{:}17.140$ small amount with great difficulty.

NOTE Confidence: 0.9833589

 $00:13:22.540 \longrightarrow 00:13:24.252$ He record his bladder and

NOTE Confidence: 0.9833589

 $00{:}13{:}24.252 \dashrightarrow 00{:}13{:}25.281$ transfers orientation and

 $00:13:25.281 \longrightarrow 00:13:27.238$ slowly fan all the way through.

NOTE Confidence: 0.9893738

 $00:13:32.750 \longrightarrow 00:13:34.754$ He then record his bladder

NOTE Confidence: 0.9893738

 $00:13:34.754 \longrightarrow 00:13:37.510$ and longitudinal orientation.

NOTE Confidence: 0.95959115

 $00:13:37.510 \longrightarrow 00:13:39.855$ When you obtain your

NOTE Confidence: 0.95959115

 $00:13:39.855 \longrightarrow 00:13:41.610$ measurements, his bladder

NOTE Confidence: 0.95959115

00:13:41.610 --> 00:13:44.540 volume is a 323CC's calculated,

NOTE Confidence: 0.95959115

 $00:13:44.540 \longrightarrow 00:13:47.468$ which is an abnormal postvoid

NOTE Confidence: 0.95959115

00:13:47.468 --> 00:13:49.226 residual which signifies

NOTE Confidence: 0.95959115

00:13:49.226 --> 00:13:50.984 incomplete bladder emptying.

NOTE Confidence: 0.98416805

00:13:53.730 --> 00:13:55.330 Based on your focus

NOTE Confidence: 0.98416805

 $00{:}13{:}55.330 \dashrightarrow 00{:}13{:}58.116$ results, you have the patient go to

NOTE Confidence: 0.98416805

 $00:13:58.116 \longrightarrow 00:14:00.908$ radiology to have a renal ultrasound done

NOTE Confidence: 0.98416805

00:14:00.910 --> 00:14:02.110 where hydronephrosis has

NOTE Confidence: 0.98416805

 $00:14:02.110 \longrightarrow 00:14:03.710$ not found but incomplete.

NOTE Confidence: 0.98416805

00:14:03.710 --> 00:14:05.700 Bladder emptying again is confirmed,

00:14:05.700 --> 00:14:08.244 your urinalysis did not show any

NOTE Confidence: 0.98416805

 $00:14:08.244 \longrightarrow 00:14:10.889$ signs of glucose urea or signs of

NOTE Confidence: 0.98416805

00:14:10.890 --> 00:14:12.482 infection. Putting everything together,

NOTE Confidence: 0.98416805

 $00:14:12.482 \longrightarrow 00:14:14.880$ you recommend a trial of miralax

NOTE Confidence: 0.98416805

 $00:14:14.880 \longrightarrow 00:14:16.468$ with an outpatient referral

NOTE Confidence: 0.98416805

 $00{:}14{:}16.470 \dashrightarrow 00{:}14{:}18.070$ to urology. Should symptoms

NOTE Confidence: 0.98416805

 $00:14:18.070 \longrightarrow 00:14:20.064$ persist, you also review the

NOTE Confidence: 0.98416805

00:14:20.064 --> 00:14:22.060 potential for you and retention

NOTE Confidence: 0.98416805

00:14:22.060 --> 00:14:23.652 secondary to anti histamine

NOTE Confidence: 0.98416805

00:14:23.652 --> 00:14:24.846 medications like Benadryl.

NOTE Confidence: 0.977162

 $00:14:27.040 \longrightarrow 00:14:28.452$ A potential pitfall when

NOTE Confidence: 0.977162

 $00:14:28.452 \longrightarrow 00:14:30.564$ scanning for the bladder is at

NOTE Confidence: 0.977162

 $00:14:30.570 \longrightarrow 00:14:33.034$ your probe is actually not low enough.

NOTE Confidence: 0.977162

 $00:14:33.040 \longrightarrow 00:14:35.152$ Note these split screens of the

NOTE Confidence: 0.977162

00:14:35.152 --> 00:14:37.274 same patient during a scan done

NOTE Confidence: 0.977162

 $00:14:37.274 \longrightarrow 00:14:39.988$ around the same time on the top row,

 $00:14:39.988 \longrightarrow 00:14:41.884$ the curvilinear probe is placed in

NOTE Confidence: 0.977162

 $00{:}14{:}41.884 \dashrightarrow 00{:}14{:}44.284$ the suprapubic area with the probe

NOTE Confidence: 0.977162

 $00:14:44.284 \longrightarrow 00:14:46.107$ slightly angled towards the umbilicus.

NOTE Confidence: 0.977162

 $00:14:46.107 \longrightarrow 00:14:48.606$ This results in only about to be

NOTE Confidence: 0.977162

 $00{:}14{:}48.606 \dashrightarrow 00{:}14{:}50.813$ present and seen on the monitor on

NOTE Confidence: 0.977162

 $00:14:50.813 \longrightarrow 00:14:53.116$ the 2nd row of images the curvilinear

NOTE Confidence: 0.977162

00:14:53.116 --> 00:14:55.930 probe has been placed over the pubic

NOTE Confidence: 0.977162

00:14:55.930 --> 00:14:57.489 synthesis and slightly angled.

NOTE Confidence: 0.977162

 $00:14:57.490 \longrightarrow 00:14:58.747$ In a caudad direction.

NOTE Confidence: 0.977162

00:14:58.747 --> 00:14:59.698 At this point,

NOTE Confidence: 0.977162

 $00:14:59.698 \longrightarrow 00:15:01.963$ the bladder can be seen to come

NOTE Confidence: 0.977162

 $00:15:01.963 \longrightarrow 00:15:03.438$ into view on the screen.

NOTE Confidence: 0.98226005

 $00{:}15{:}05.930 \dashrightarrow 00{:}15{:}07.605$ The other important pitfall to

NOTE Confidence: 0.98226005

 $00{:}15{:}07.605 \dashrightarrow 00{:}15{:}10.135$ be aware of is that large cystic

NOTE Confidence: 0.98226005

 $00:15:10.135 \longrightarrow 00:15:12.100$ structures in the pelvis may

 $00:15:12.100 \longrightarrow 00:15:14.325$ mimic the appearance of a bladder.

NOTE Confidence: 0.98226005

 $00{:}15{:}14.325 \dashrightarrow 00{:}15{:}16.515$ I would pay particular careful attention

NOTE Confidence: 0.98226005

 $00:15:16.515 \longrightarrow 00:15:18.705$ and patients who present with urine

NOTE Confidence: 0.98226005

 $00:15:18.705 \longrightarrow 00:15:20.530$ retention as a chief complaint.

NOTE Confidence: 0.98226005

 $00:15:20.530 \longrightarrow 00:15:23.077$ Here we see a 10 year old girl who

NOTE Confidence: 0.98226005

 $00:15:23.077 \longrightarrow 00:15:25.018$ complained of new onset Constipation

NOTE Confidence: 0.98226005

 $00{:}15{:}25.018 \dashrightarrow 00{:}15{:}27.003$ and a sensation of incomplete

NOTE Confidence: 0.98226005

 $00:15:27.003 \longrightarrow 00:15:28.682$ bladder emptying ultrasound images

NOTE Confidence: 0.98226005

 $00{:}15{:}28.682 \to 00{:}15{:}31.118$ by point of care and radiology.

NOTE Confidence: 0.98226005

00:15:31.120 --> 00:15:33.310 I thought the cystic structure being

NOTE Confidence: 0.98226005

 $00{:}15{:}33.310 \dashrightarrow 00{:}15{:}35.211$ measured was her bladder, however.

NOTE Confidence: 0.98226005

 $00:15:35.211 \longrightarrow 00:15:36.975$ Her bladder was completely

NOTE Confidence: 0.98226005

 $00:15:36.975 \longrightarrow 00:15:38.739$ decompressed and empty during

NOTE Confidence: 0.98226005

 $00:15:38.739 \longrightarrow 00:15:41.108$ the time of the ultrasound scans.

NOTE Confidence: 0.98226005

 $00:15:41.110 \longrightarrow 00:15:43.896$ What was thought to have been a

NOTE Confidence: 0.98226005

 $00{:}15{:}43.896 {\:{\mbox{--}}\!>}\ 00{:}15{:}46.165$ ureteral seal was actually part

00:15:46.165 --> 00:15:49.135 of a mature cystic teratoma which

NOTE Confidence: 0.98226005

 $00{:}15{:}49.135 \dashrightarrow 00{:}15{:}51.611$ was diagnosed by pelvic MRI at

NOTE Confidence: 0.98226005

 $00:15:51.611 \longrightarrow 00:15:53.705$ the time of the MRI study.

NOTE Confidence: 0.98226005

 $00:15:53.710 \longrightarrow 00:15:55.984$ The bladder could be better visualized

NOTE Confidence: 0.98226005

 $00:15:55.984 \longrightarrow 00:15:58.509$ and the Mass Effect causing bladder

NOTE Confidence: 0.98226005

00:15:58.509 --> 00:16:00.844 compression was more clearly seen.

NOTE Confidence: 0.9815891

 $00:16:03.840 \longrightarrow 00:16:06.132$ In summary, we have reviewed some

NOTE Confidence: 0.9815891

 $00:16:06.132 \longrightarrow 00:16:08.423$ cases where POCUS was used as

NOTE Confidence: 0.9815891

 $00{:}16{:}08.423 \dashrightarrow 00{:}16{:}11.098$ a tool to expedite patient care

NOTE Confidence: 0.9815891

 $00:16:11.098 \longrightarrow 00:16:13.483$ and help to guide procedures.

NOTE Confidence: 0.9815891

 $00{:}16{:}13.490 \dashrightarrow 00{:}16{:}15.830$ Bladder scan by pocus for the

NOTE Confidence: 0.9815891

 $00:16:15.830 \longrightarrow 00:16:17.390$ assessment and interpretation of

NOTE Confidence: 0.9815891

 $00{:}16{:}17.390 \dashrightarrow 00{:}16{:}19.340$ body measurements is an important

NOTE Confidence: 0.9815891

 $00{:}16{:}19.340 \dashrightarrow 00{:}16{:}21.680$ skill for Penn physicians to learn.

NOTE Confidence: 0.9815891

 $00:16:21.680 \longrightarrow 00:16:23.048$ As always, with focus.

 $00{:}16{:}23.048 \dashrightarrow 00{:}16{:}24.758$ If you see something unexpected

NOTE Confidence: 0.9815891

 $00{:}16{:}24.758 \to 00{:}16{:}27.371$ that doesn't fall into the typical

NOTE Confidence: 0.9815891

 $00{:}16{:}27.371 \dashrightarrow 00{:}16{:}28.697$ pattern recognition appearance,

NOTE Confidence: 0.9815891

00:16:28.700 --> 00:16:30.260 please do not hesitate