

WEBVTT

NOTE duration:"00:07:55.2430000"

NOTE language:en-us

NOTE Confidence: 0.976387

00:00:15.290 --> 00:00:18.208 So when I do a fast, I usually start with

NOTE Confidence: 0.976387

00:00:18.210 --> 00:00:20.410 the right upper quadrant view and I'd like

NOTE Confidence: 0.976387

00:00:20.410 --> 00:00:22.587 to start in the anterior humoral line,

NOTE Confidence: 0.976387

00:00:22.590 --> 00:00:24.162 looking for rib space.

NOTE Confidence: 0.976387

00:00:24.162 --> 00:00:25.734 And and looking again,

NOTE Confidence: 0.976387

00:00:25.740 --> 00:00:27.822 we're going to illustrate a couple

NOTE Confidence: 0.976387

00:00:27.822 --> 00:00:28.863 of different movements.

NOTE Confidence: 0.976387

00:00:28.870 --> 00:00:30.610 One is this so called,

NOTE Confidence: 0.976387

00:00:30.610 --> 00:00:32.002 rocking looking superiorly entirely.

NOTE Confidence: 0.976387

00:00:32.002 --> 00:00:33.742 And this is called fanning,

NOTE Confidence: 0.976387

00:00:33.750 --> 00:00:35.274 looking anteriorly and posteriorly

NOTE Confidence: 0.976387

00:00:35.274 --> 00:00:37.179 and rotating sometimes if we

NOTE Confidence: 0.976387

00:00:37.179 --> 00:00:38.968 need to get between two ribs.

NOTE Confidence: 0.976387

00:00:38.970 --> 00:00:41.399 But this is a pretty good image.

NOTE Confidence: 0.976387
00:00:41.400 --> 00:00:44.599 Then I'm sliding up and down towards
NOTE Confidence: 0.976387
00:00:44.599 --> 00:00:47.529 inferior pole of the right kidney.
NOTE Confidence: 0.976387
00:00:47.530 --> 00:00:48.805 So that's a complete write
NOTE Confidence: 0.976387
00:00:48.805 --> 00:00:49.825 up a project video.
NOTE Confidence: 0.9712328
00:00:58.900 --> 00:01:01.276 The next few, since we're in the territory,
NOTE Confidence: 0.9712328
00:01:01.280 --> 00:01:03.366 we can do a sub typhoid view.
NOTE Confidence: 0.9712328
00:01:03.370 --> 00:01:05.122 Again, you're putting the chance you
NOTE Confidence: 0.9712328
00:01:05.122 --> 00:01:07.239 shirt it's a diaper region aiming up.
NOTE Confidence: 0.9712328
00:01:07.240 --> 00:01:09.480 Sometimes it's easier to put the hand on
NOTE Confidence: 0.9712328
00:01:09.480 --> 00:01:12.010 top of the transition and then a month,
NOTE Confidence: 0.9712328
00:01:12.010 --> 00:01:14.394 and then Antonio is going to help me
NOTE Confidence: 0.9712328
00:01:14.400 --> 00:01:16.480 change the depth so that it's part.
NOTE Confidence: 0.9785403
00:01:19.450 --> 00:01:20.878 Again, that you might find this
NOTE Confidence: 0.9785403
00:01:20.878 --> 00:01:22.230 difficult in the skinny patient,
NOTE Confidence: 0.9785403
00:01:22.230 --> 00:01:24.198 it's very difficult to get a very good
NOTE Confidence: 0.9785403

00:01:24.198 --> 00:01:25.899 window will show you on the cardiac
NOTE Confidence: 0.9785403

00:01:25.899 --> 00:01:27.922 views where you can get a question along
NOTE Confidence: 0.9785403

00:01:27.922 --> 00:01:29.819 Axis which looks very similar to this.
NOTE Confidence: 0.9775981

00:01:37.990 --> 00:01:39.788 The next thing we look at is
NOTE Confidence: 0.9775981

00:01:39.788 --> 00:01:40.816 left Upper Quadrant View,
NOTE Confidence: 0.9775981

00:01:40.820 --> 00:01:42.619 where you can put your hand really
NOTE Confidence: 0.9775981

00:01:42.619 --> 00:01:44.417 almost at the bottom of the bed.
NOTE Confidence: 0.9640667

00:01:46.840 --> 00:01:48.590 Looking at the spleen again,
NOTE Confidence: 0.9640667

00:01:48.590 --> 00:01:50.618 you're going to be fanning to
NOTE Confidence: 0.9640667

00:01:50.618 --> 00:01:52.395 look more anteriorly that stomach
NOTE Confidence: 0.9640667

00:01:52.395 --> 00:01:54.190 full of snack after school.
NOTE Confidence: 0.9640667

00:01:54.190 --> 00:01:56.105 Looking closely fanning that gets
NOTE Confidence: 0.9640667

00:01:56.105 --> 00:01:58.430 you the left kidney and sliding
NOTE Confidence: 0.9640667

00:01:58.430 --> 00:02:01.118 up to see the rich shadow or the
NOTE Confidence: 0.9640667

00:02:01.118 --> 00:02:03.423 diaphragm is sliding down to see the
NOTE Confidence: 0.9640667

00:02:03.423 --> 00:02:06.820 inferior pole of the left kidney.

NOTE Confidence: 0.9640667
00:02:06.820 --> 00:02:07.608 Ferguson artifact.
NOTE Confidence: 0.9640667
00:02:07.608 --> 00:02:10.366 Do you have meddling or rib today?
NOTE Confidence: 0.9640667
00:02:10.370 --> 00:02:12.340 I don't know some hydronephrosis.
NOTE Confidence: 0.9640667
00:02:12.340 --> 00:02:14.698 Joshua this is so as muscle.
NOTE Confidence: 0.9854896
00:02:22.170 --> 00:02:23.186 Super pubic you again.
NOTE Confidence: 0.9854896
00:02:23.186 --> 00:02:24.710 You want to put the transducer
NOTE Confidence: 0.9854896
00:02:24.762 --> 00:02:26.247 right over the pubic synthesis,
NOTE Confidence: 0.9854896
00:02:26.250 --> 00:02:28.658 which is right here.
NOTE Confidence: 0.9854896
00:02:28.660 --> 00:02:31.190 And then looking transversely first.
NOTE Confidence: 0.9432466
00:02:33.310 --> 00:02:35.982 Any blood in any free through broadband blood
NOTE Confidence: 0.9432466
00:02:35.982 --> 00:02:38.826 any free flight collect behind the platter,
NOTE Confidence: 0.9432466
00:02:38.830 --> 00:02:41.406 either the transfers or the sagittal view.
NOTE Confidence: 0.9432466
00:02:41.410 --> 00:02:43.684 Then you rotate the transducer with
NOTE Confidence: 0.9432466
00:02:43.684 --> 00:02:46.189 indicator towards the head of the patient.
NOTE Confidence: 0.9432466
00:02:46.190 --> 00:02:48.598 Again, the free fluid would be behind
NOTE Confidence: 0.9432466

00:02:48.598 --> 00:02:51.255 in the colder sack in the female
NOTE Confidence: 0.9432466

00:02:51.255 --> 00:02:53.920 patient behind the bladder, in the mail.
NOTE Confidence: 0.9763768

00:03:01.990 --> 00:03:03.952 Remember the first examination you are
NOTE Confidence: 0.9763768

00:03:03.952 --> 00:03:06.190 looking for an answer to the question.
NOTE Confidence: 0.9763768

00:03:06.190 --> 00:03:09.084 Do I see free fluid? Yes or no?
NOTE Confidence: 0.9763768

00:03:09.084 --> 00:03:11.652 It is either positive or negative.
NOTE Confidence: 0.9763768

00:03:11.660 --> 00:03:14.500 It is not designed to tell you where
NOTE Confidence: 0.9763768

00:03:14.500 --> 00:03:17.559 the fluid is leaking from or why the
NOTE Confidence: 0.9763768

00:03:17.559 --> 00:03:20.390 patient is bleeding in the first place.
NOTE Confidence: 0.9763768

00:03:20.390 --> 00:03:21.275 Fluid yes no.
NOTE Confidence: 0.9763768

00:03:21.275 --> 00:03:23.045 Is the question we will answer.
NOTE Confidence: 0.9748931

00:03:36.310 --> 00:03:37.675 This is what a pericardial
NOTE Confidence: 0.9748931

00:03:37.675 --> 00:03:38.767 effusion would look like.
NOTE Confidence: 0.9748931

00:03:38.770 --> 00:03:41.394 You can see how the heart seems pushed
NOTE Confidence: 0.9748931

00:03:41.394 --> 00:03:44.470 to the side by a large amount of fluid.
NOTE Confidence: 0.9748931

00:03:44.470 --> 00:03:46.120 This is a positive fast,

NOTE Confidence: 0.9748931

00:03:46.120 --> 00:03:48.454 although the view obtained in this

NOTE Confidence: 0.9748931

00:03:48.454 --> 00:03:51.123 case is a parasternal long axis and

NOTE Confidence: 0.9748931

00:03:51.123 --> 00:03:53.205 not typically part of the fast.

NOTE Confidence: 0.9748931

00:03:53.210 --> 00:03:56.036 We just wanted to show you what a large

NOTE Confidence: 0.9748931

00:03:56.036 --> 00:03:57.958 pericardial effusion would look like.

NOTE Confidence: 0.97956955

00:04:10.670 --> 00:04:13.316 You will see the liver closest to

NOTE Confidence: 0.97956955

00:04:13.316 --> 00:04:15.760 the transducer and then the kidneys.

NOTE Confidence: 0.97956955

00:04:15.760 --> 00:04:17.797 This is the positive or negative fast.

NOTE Confidence: 0.9844385

00:04:20.980 --> 00:04:22.570 As you can see, there is

NOTE Confidence: 0.9844385

00:04:22.570 --> 00:04:24.020 fluid in the Morrison's pouch,

NOTE Confidence: 0.9844385

00:04:24.020 --> 00:04:26.150 so this fast is positive.

NOTE Confidence: 0.9844385

00:04:26.150 --> 00:04:28.094 The CT scan on the right shows you

NOTE Confidence: 0.9844385

00:04:28.094 --> 00:04:30.168 an intra abdominal fluid collection,

NOTE Confidence: 0.9844385

00:04:30.170 --> 00:04:31.710 confirming that you were right.

NOTE Confidence: 0.98190695

00:04:33.780 --> 00:04:36.356 Here you can see a very small dark

NOTE Confidence: 0.98190695

00:04:36.356 --> 00:04:38.510 line between the liver and kidney.

NOTE Confidence: 0.98190695

00:04:38.510 --> 00:04:39.858 It may be small,

NOTE Confidence: 0.98190695

00:04:39.858 --> 00:04:41.543 but still counts as positive.

NOTE Confidence: 0.98190695

00:04:41.550 --> 00:04:43.240 Remember, a fast is either

NOTE Confidence: 0.98190695

00:04:43.240 --> 00:04:44.254 positive or negative,

NOTE Confidence: 0.98190695

00:04:44.260 --> 00:04:45.950 not a little bit positive.

NOTE Confidence: 0.981541

00:04:58.830 --> 00:05:02.470 Is this positive or negative?

NOTE Confidence: 0.981541

00:05:02.470 --> 00:05:03.642 Yes, you know it.

NOTE Confidence: 0.981541

00:05:03.642 --> 00:05:05.107 There is fluid between the

NOTE Confidence: 0.981541

00:05:05.107 --> 00:05:06.280 diaphragm and the spleen.

NOTE Confidence: 0.981541

00:05:06.280 --> 00:05:08.500 It is positive.

NOTE Confidence: 0.981541

00:05:08.500 --> 00:05:09.529 Positive or negative?

NOTE Confidence: 0.9881071

00:05:11.560 --> 00:05:13.366 Yep, you know it. It is positive

NOTE Confidence: 0.9881071

00:05:13.366 --> 00:05:15.590 there is a small fluid collection.

NOTE Confidence: 0.98010504

00:05:38.910 --> 00:05:40.782 Here you can see free fluid

NOTE Confidence: 0.98010504

00:05:40.782 --> 00:05:42.030 behind the bladder representing

NOTE Confidence: 0.98010504

00:05:42.087 --> 00:05:43.567 a positive fast examination.

NOTE Confidence: 0.98010504

00:05:43.570 --> 00:05:46.900 As you can see on the picture on the right,

NOTE Confidence: 0.98010504

00:05:46.900 --> 00:05:50.876 it was confirmed by a CT scan.

NOTE Confidence: 0.98010504

00:05:50.880 --> 00:05:53.500 Alright, ready for some cases.

NOTE Confidence: 0.98010504

00:05:53.500 --> 00:05:56.128 I want you to first name the view and

NOTE Confidence: 0.98010504

00:05:56.128 --> 00:05:58.650 second point out the pathology. Let's go.

NOTE Confidence: 0.93238425

00:06:05.040 --> 00:06:06.171 Yes, you're right,

NOTE Confidence: 0.93238425

00:06:06.171 --> 00:06:08.810 we used a curvilinear probe and this

NOTE Confidence: 0.93238425

00:06:08.884 --> 00:06:11.146 is the right upper quadrant view.

NOTE Confidence: 0.93238425

00:06:11.150 --> 00:06:12.562 The fast is positive.

NOTE Confidence: 0.93238425

00:06:12.562 --> 00:06:14.680 You can clearly see free fluid

NOTE Confidence: 0.93238425

00:06:14.751 --> 00:06:16.788 on the left lobe of the liver.

NOTE Confidence: 0.93238425

00:06:16.790 --> 00:06:19.338 And at Morrisons pouch.

NOTE Confidence: 0.93238425

00:06:19.340 --> 00:06:20.230 Ready for the next one?

NOTE Confidence: 0.9651404

00:06:26.750 --> 00:06:28.700 Good job, we were using a

NOTE Confidence: 0.9651404

00:06:28.700 --> 00:06:30.416 curvilinear probe and this is
NOTE Confidence: 0.9651404

00:06:30.416 --> 00:06:32.136 the right upper quadrant view.
NOTE Confidence: 0.9651404

00:06:32.140 --> 00:06:34.420 It is positive because there is
NOTE Confidence: 0.9651404

00:06:34.420 --> 00:06:37.231 a tiny amount of free fluid at
NOTE Confidence: 0.9651404

00:06:37.231 --> 00:06:39.655 the inferior pole of the spleen.
NOTE Confidence: 0.9651404

00:06:39.660 --> 00:06:41.646 OK, advance to the next slide.
NOTE Confidence: 0.9651404

00:06:41.650 --> 00:06:42.649 Take your time.
NOTE Confidence: 0.88447994

00:06:54.980 --> 00:06:57.857 Yes, we used a curvilinear probe and
NOTE Confidence: 0.88447994

00:06:57.857 --> 00:07:01.028 we're looking at the right pleural space.
NOTE Confidence: 0.88447994

00:07:01.030 --> 00:07:03.470 You correctly identified the
NOTE Confidence: 0.88447994

00:07:03.470 --> 00:07:05.978 pleural effusion. We will cover the
NOTE Confidence: 0.88447994

00:07:05.978 --> 00:07:07.910 lung and pleural pathologies in a
NOTE Confidence: 0.88447994

00:07:07.974 --> 00:07:10.070 separate lecture though. Next case.
NOTE Confidence: 0.9108009

00:07:17.390 --> 00:07:18.950 We used a curvilinear probe
NOTE Confidence: 0.9108009

00:07:18.950 --> 00:07:20.900 and this was a pelvic view.
NOTE Confidence: 0.9108009

00:07:20.900 --> 00:07:23.660 It is positive for free fluid.

NOTE Confidence: 0.9108009

00:07:23.660 --> 00:07:25.528 Remember, in pediatric cases,

NOTE Confidence: 0.9108009

00:07:25.528 --> 00:07:27.396 most positive fast scans

NOTE Confidence: 0.9108009

00:07:27.396 --> 00:07:29.600 are seen on pelvic views,

NOTE Confidence: 0.9108009

00:07:29.600 --> 00:07:31.940 in contrast with adults where

NOTE Confidence: 0.9108009

00:07:31.940 --> 00:07:34.280 the Morrisons pouch view is

NOTE Confidence: 0.9108009

00:07:34.363 --> 00:07:36.579 the most commonly positive.

NOTE Confidence: 0.9108009

00:07:36.580 --> 00:07:38.036 Stromberg one less case,

NOTE Confidence: 0.9108009

00:07:38.036 --> 00:07:39.128 and you're done.

NOTE Confidence: 0.9504577

00:07:46.540 --> 00:07:49.774 Perfect, we used a phased array transducer

NOTE Confidence: 0.9504577

00:07:49.774 --> 00:07:52.840 and this was a subset food view.

NOTE Confidence: 0.9504577

00:07:52.840 --> 00:07:55.240 There is a large pericardial effusion.