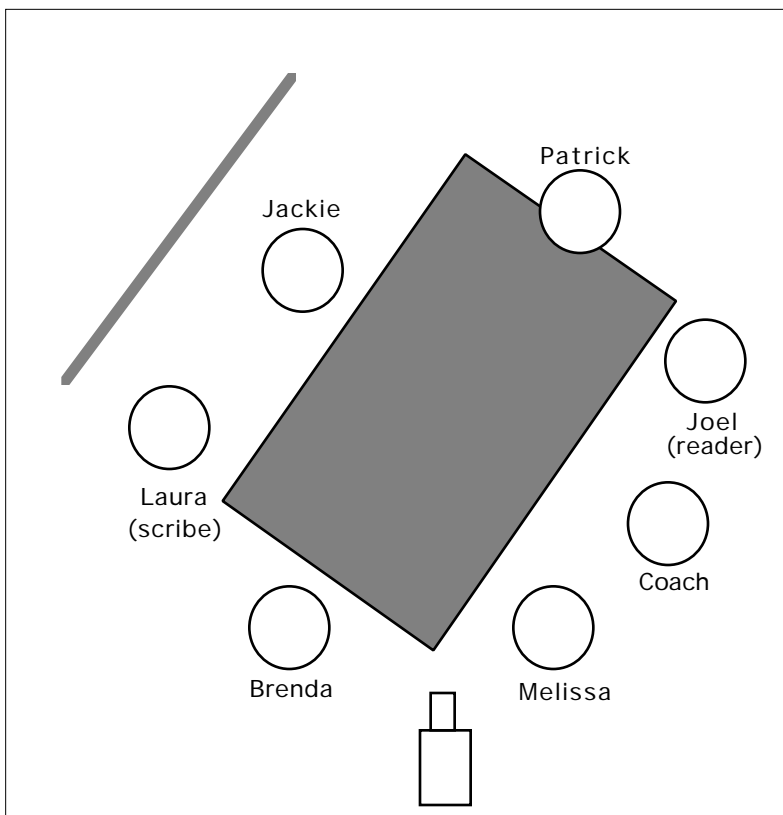


**Segment: Risks of CT vs. X-Rays**  
**Tape: #95-001.1 (1:55:25 to 1:57:46)**



1 Patrick: You think you can get  
 [

2 Jackie: And an ultrasound can be  
 3 used for that reason.  
 [

4 Patrick: Can get a lot a risks doing a CT to the pelvis.  
 5 (0.5)

6 Joel: No why.  
 7 (2.5)

8 Joel: What would be the risk.  
 9 Jackie: Wuh- only if it was ectopic.  
 [

10 Patrick: Yeah  
 11 Jackie: Or if she was pregnant (.) (but probly)  
 [ [

12 (?) ( )  
 [

13 Patrick: Well even even (.) well

**Segment: Risks of CT vs. X-Rays**  
**Tape: #95-001.1 (1:55:25 to 1:57:46)**

14 Patrick: would you have (.) danger of X-raying (.) °the  
15 ovaries (and )°  
16 Coach: Is there a risk to CT?  
[ ]  
17 ((with arresting hand gesture))  
18 Jackie: °Hm°  
19 (0.9)  
20 Patrick: Sure.  
21 Joel: It's an X-ray.  
[ ]  
22 Jackie: Yeah  
[ ]  
23 Patrick: It's an X-ray.=There's always a risk  
24 to an X-ray.  
25 (0.5)  
26 Coach: I mean what is the risk in a CT.=Is there a  
27 difference between X-r-CT and an ordinary X-ray?  
28 Patrick: Yeah (0.5) a CT is (.) um (.) in a plane.  
[ ]  
29 ((opening hand gesture))  
30 Coach: Yeah?  
31 Patrick: So I would think that the CT (0.9) would be (1.0)  
32 instead of just a plane film (0.4) would be more  
33 X-rays (being used)  
[ ]  
34 ((circular hand gesture))  
35 (1.9)  
36 Joel: What is the dosage (1.2) relative to a normal X-  
[ ]  
37 ((spreading hands))  
38 ray to a CT CT- serial CT um is serial X-rays  
[ ]  
39 Patrick: ( )  
40 Joel: is it not?  
[ ]  
41 ((making slicing motion with hand))  
42 Jackie: Right=you're taking slices  
[ ]  
43 ((making chopping hand gesture))  
44 so naturally if you do: (0.8) two views of an  
45 abdomen with a plane film and you do (0.8) fifteen  
46 with the CT °I mean° but I don- I don't know I  
47 can't remember (.) the relative dosage for  
48 one slice of CT versus  
[ ]  
49 Coach: Wel-wt think-think it through what does the X-ray  
50 beam have to do in ordinary X-ray=How much  
51 en- what does the energy have to do,  
[ ]  
52 Jackie: Well it's gonna  
53 penetrate the whole  
[ ]  
54 ((draws both hands across abdomen))

**Segment: Risks of CT vs. X-Rays**  
**Tape: #95-001.1 (1:55:25 to 1:57:46)**

55 Coach: And.  
56 Jackie: body. er I mean which ever way it's going through.  
57 Coach: [ Right  
58 And change (.) the chemical (.)  
59 constituents (.) in a film right?  
60 Jackie: [ Hm mm [ Hm mm  
61 Joel: [ Hm mm  
62 Coach: °What does CT have to do.°  
63 Joel: Computer axial t-tomography it puts it in a ( )  
64 Jackie: [ Right it's=  
65 Coach: =What's what's the receptor then if it isn't a  
66 film, what is it  
67 Patrick: It's a-it's a much more sensitive receptor, °idn-  
68 it?°  
69 (1.3)  
70 Joel: It's an electronic receptor  
71 Jackie: [ It's com-  
72 Joel: Isn't it not an x-ray receptor so it's going to be  
73 very very low ( voltage)  
74 Jackie: [ It's computerized.  
75 Coach: Right.  
76 Joel: I understand that the CT is just about equivalent  
77 to an X- ray.  
78 Coach: Is it?  
79 Joel: That's what my understanding is I- I'm not  
80 I'm just saying ( )  
81 [ ((making juggling motion with hands))  
82 [ Melissa: Why don't we just put it up as a learning issue.  
83 Joel: >Let's throw that up<  
84 Jackie: [ Yeah.  
85 Coach: >I was going to say< how sure are you on a scale  
86 of zero to ten.  
87 Joel: [ (not)  
88 (0.6)  
89 Joel: Three?  
90 (0.8)  
91 Coach: Think we oughta make a learning issue out  
92 of it. Hheh heh heh  
93 Joel: [ Ha (maybe we ought to)

**Segment: Risks of CT vs. X-Rays**  
**Tape: #95-001.1 (1:55:25 to 1:57:46)**

94 Jackie: But we all know that ultrasound isn't radiation  
95 Melissa: [ (Joel) this is from the ( )  
96 [ ((*passing papers to Joel*))  
97 Jackie: Right?=  
98 Coach: =No, ultrasound isn't radiation.  
99 Jackie: [ Everybody knows that.  
100 Coach: But if you're gonna get- hesitate  
101 Jackie: [ So what I'm gonna say,  
102 Coach: doing a CT scan, because the woman might be  
103 pregnant then I think you oughta know if the CT  
104 scan is to be of concern or not when doing it on a  
105 pregnant woman.  
106 Jackie: [ Ri::ght.  
107 Brenda: Well I know from last year=  
108 Jackie: [ °Well we'll do an ultrasound then°=  
109 Brenda: =CT is contraindicated when a woman's pregnant  
110 (0.9)  
111 Brenda: Remember when we had that case last year when-  
112 Jackie: [ Right.  
113 Jackie: Yeah, anything is, any X-ray is if she's pregnant,  
114 Brenda: [ °Yeah°  
115 Jackie: un the, until the very end sometimes they do  
116 some.