

Appendix 4, Excerpt D

Abbreviations: Phys1-2: Physicians from internal medicine department, PhysTh2: Physician from thoracic surgical department, EDnurse1-3: Nurses working in the emergency department, AN: Anaesthetist, NurseAN: Nurse anaesthetist, NurseAN student: Nurse anaesthetist student, Radiographers 1-2.

Transcript key: X: word not audible, XX: words not audible, [words]²: overlapping speech (the numbers indicate the order of the nearby overlap), -: unfinished words or sentences, (.): micropause, (3): seconds pause.

Situation: Patient is > 70 years old, living at home. Indication for hospital admission: cardiac arrest. CPR and ROSC prior to hospital transport. The patient was unconscious but breathing spontaneously at ED arrival and the airway was secured with a supraglottic airway device. During this phase of work, physician 1 is standing beside ED nurse 2 at the logging-desk and two physicians from the thoracic surgical department are called and stand a small distance from the bed. Two radiographers are standing in the back of the room. The anaesthetist is standing near the patient's head and the nurse anaesthetist, nurse anaesthetist student, and ED nurse 1 stand close to the anaesthetist.

Utterance number	Speaker	Utterance	Speakers action	Other action
186	AN	X Haven't you taken the chest X-ray yet?	Looks at the radiographers standing behind the head end of the bed.	
187	Radio-grapher1	No. We haven't taken it yet. Shall [we-] ¹	Looks at AN.	
188	AN	[NAME (Phys1)] ¹ . (1) [Should we take a chest X-ray?] ²	Turns towards Phys1.	Phys1 standing at the logging desk with his back to the bed.
189	Phys1	Yes.	Turns towards AN and walks towards the bed while he answers.	

190	Radio-grapher1	[Should he have any X-rays?] ²		
191	Phys1	Yes.	Looks at AN.	
192	AN	Shall we take it now before we intubate him?	Looks at Phys1.	
193	Phys1	Yes, we'll do that. We'll take a chest X-ray.	Looks at AN.	Radiographers start getting ready.
194	AN	X cuff-syringe have you seen it? [Isn't it somewhere here?] ³	Looks at EDnurse1 then turns towards the monitor.	
195	EDnurse1	[A cuff syringe, OK.] ³ (1) [Can just take one like this then, can't you? (.) What XXX?] ⁴	Gets a syringe from the emergency table and goes towards AN	Radiographer 2 moves the X-ray equipment suspended from the ceiling. Radiographer 1 pushes the patient's bed slightly.
196-202	Radiographer1 and 2 speaks about preparations; how to position the X-ray unit and the patient.			
203	AN	Take out this [then XX] ⁶	Looks to NurseAN.	
204	Radio-grapher1	[Help me to] ⁶ move. Could you [help me a bit] ⁷ on that side?		
205	NurseAN	[What?] ⁷	Looks at AN.	
206	AN	We will [take that XX] ⁸	Stands by the head of the bed.	
207	Radio-grapher2	[Yes. Will just see] ⁸ how far down we need it.	Adjusts the position of the X-ray unit.	
208	NurseAN	Take out -		
209-212	EDnurse2 asks for information for documentation.			
213	AN	What is this man's name?	Removes the patient's I-gel airway	
214	NurseAN student	His name is NAME (patient).	Looks at AN.	NurseAN is looks at NurseAN student.

215	NurseAN	NAME (patient) NAME (patient)	Bends over the patient. Speaks loudly	
216	AN	X suction. Can you find a suction device for me?	Looks at EDnurse1.	
217	EDnurse1	Yes.	Goes to find suction device.	
218	Radio- grapher2	Then it's ready for chest X-ray.	Moves away from the patient's bed.	Phys1 moves away from the bed
219	AN	Then you need to hurry up.	Leans over the patient's head.	
220	Radio- grapher1	You must move your head away or you'll be included in the picture.	To AN	
221	Radio- grapher2	X-ray taken.	Goes back to the bed.	Phys1 goes up to the bed.
222	EDnurse2	X-ray taken.		
223	AN	NAME (patient) (6) ehh. No contact NAME (Phys1) I think we'll intubate.	Looks at Phys1, who is moving towards the X- ray image behind the patient's bed.	Phys1 turns and looks at AN nodding. NurseAN gets a bag- valve-mask from the wall behind the head end of the bed. The patient monitor alarm starts.
224	NurseAN	Intubate? [Do you want that?] ¹	Puts the bag-valve-mask beside the patient's shoulder and walks over to the anaesthesia table.	
225	AN	[The question is if I should-] ¹		
226	EDnurse1	85 in saturation.		
227	EDnurse2	85 in saturation.		

228	AN	Must have suction now!	Turns toward EDnurse1.	EDnurse1 is setting up the suction unit that is standing on the floor.
229	EDnurse1	Yes, but I've got no adaptor.	Connects the suction unit standing on the floor.	AN walks towards the patient monitor but turns back.
230	AN	I need it now! (8) [can you watch out for his arm] ²	Moves from the patient's side to behind the head end of the bed. Has to climb between cables hanging between the patient monitor and the patient.	EDnurse1 is standing next to AN. Suctions secretion from the patient's mouth with a suction catheter.
231	Phys1	[I think we must have a CT scan.] ²	Stands at the X-ray screen looking at Radiographer2.	PhysTh2 walks towards Phys1.
232	Radiographer 2	XX requisition.	Standing next to Phys1.	
233	EDnurse1	Yes.		
234	AN	Suction in the mouth.	Looks down at the patient.	
235	Phys1	It looks as- a bit like-	Looks at the screen showing the X-ray images	PhysTh2 stands next to Phys1 and look at the screen showing X-ray images.
236	PhysTh2	XX it looks [as though there's XX] ³	Looks at Phys1.	
237	AN	[Suxamethonium and fentanyl]. ³	Turns towards NurseAN when he is talking about medications.	
238	Phys1	[Yes, mhm] ³ It might well be that too.		

239	NurseAN	NAME (NurseAN student) Insert a stylet in the tube here.	Looks at the NurseAN student who is standing by the anaesthesia machine.	
240	NurseAN student	Yes. A stylet?		
241	NurseAN	A stylet.		
242	Phys2	Is there something I should requisition?	Walks towards Phys1.	
243	AN	XX [turn up-] ⁴	Holds the bag-valve-mask to his ear then points towards the oxygen flowmeter.	EDnurse1 turns up the oxygen flowmeter.
244	Phys1	[Requisition a CT] ⁴ chest (2) and a [CT lung and head.] ⁵	Facing Phys2.	