Appendix 1.

List of interview questions and their relevance to the theoretical model.

Introduction: I would like to ask you to tell me about the presentation of two of your most recent cases seen in OOH; one straightforward and the other more difficult and not straightforward. Preferably start with the straightforward case.

Purpose: to see what characteristic were perceived to make a case straightforward or difficult. How does this dichotomy relate to System 1 and 2. Difficult case should invoke System 2.

1. In response to presenting features: to note the timing of the first response and if aspects of the salient features can be recognised. Is this consistent with System 1?

Q1: What was the first thing to pop into your head?

Clarifying questions if required:

Q1.1: As soon as you saw the patient or heard the presentation, what were the options that you were thinking of?

Q1.2: When did this happen?

Q1.3: Where do you think this came from?

Frequently after any question throughout the interview:

Q1.4: Can you elaborate/explain?

2: Further exploration of the process: is there a framing effect as part of System 1.

Q2.1: Can you tell me what you did then?

Q2.2: What was driving your questioning?

Clarifying questions if required:

Q2.3: And in particular did anything worry you? What was the main thing to rule out (or in)?

3. Further exploration of the process: focus on a few critical cues or a deep search? Did they reflect on the validity of the cues used? Expect overlap of two systems.

Q3.1: What were the critical cues/cardinal features you were looking for?

Q3.2: Did you find anything with a high predictive value?
4. Prerequisites for closure of diagnostic process: Are there any well defined rules or thresholds they were able to recognise? How much reflection was there?

Q4.1: Can you try and explain what made you stop the process at this particular stage?

Q4.2: What did you consider when you decided the action to close (depending on the case discussed?)

Q4.3: Can you describe how comfortable you were with your decision? Can you give some sort of numerical figure for this, or other way of describing it?

Q4.4: Can you tell me how safety netting comes into this?

5. Trainee take-home messages: may be basis of training program.

Q5: What sort of message would you like your trainee to take home from this consultation?

Last two questions at the end of the interview:

6. Differentiation between straightforward and demanding presentations: to provide indicators for use of System2.

Q6: Can you explain why you felt that Case 1 was straightforward and Case 2 more demanding or difficult?

7. Participants’ perceptions of OOH environment: to provide indicators for increased practice risk. Frequently these comments came up spontaneously.

Q7: How is the OOH environment different from normal practice and how does it impact on your practice?