**Additional file 2**

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| **Semi-structured interview guide** |
| **Main questions** | **Probe questions** |
| What are your initials thoughts to the conclusion that PTs give similar answers to musculoskeletal vignettes but different answers to the medical conditions?  | What do you think is the reason for these different answers (experience, knowledge or something else)? |
| It looks like those who answer correctly are those with most experience (and the clinics that has passed the quality audit) – what are your thoughts on that?  | Why is experience important? What has the quality audit meant for your clinical practise and reasoning?  |
| How was the experience of answering the questionnaire? Did it make you reflect on your own practise or did you discuss it in the clinic?  | How do you handle screening for serious pathology among your patients? What do you do? Does the existence of a medical referral change your approach to your patient? Why/ why not? |
| Have you ever tried having a patient in a course of treatment, which eventually turned out to have a serious pathology? Could you try and tell about the experience?  | What made you react? Did that change your approach to screening for serious pathologies afterwards?  |