## Appendix A

### Items rated in the online survey

| Self-administered questionnaires | Achievable points |
|----------------------------------|-------------------|
| **Jefferson Scale of Physician Empathy (JSPE) (Hojat et al. 2002)** | 35 |
| 1. I try not to pay attention to my patients’ emotions in interviewing and history taking | Likert scale (1-7) |
| 2. Patients' illnesses can be cured only by medical or surgical treatment; therefore, a physician's emotional involvement does not have a significant role in treatment | Likert scale (1-7) |
| 3. Asking patients about what is happening in their personal lives is not helpful in understanding their physical complaints | Likert scale (1-7) |
| 4. Emotion has no place in the treatment of medical illness | Likert scale (1-7) |
| 5. I do not enjoy reading non-medical literature and have no involvement with the arts | Likert scale (1-7) |
| **Empathy Quotient (EQ) (Baron-Cohen, 2004)** | 40 |
| **Cognitive Empathy (CE) sub-parts** | 20 |
| 1. I can tune into how someone else feels rapidly and intuitively. | 2 |
| 2. Other people often say that I am insensitive, though I don’t always see why. | 2 |
| 3. I am good at predicting how someone will feel. | 2 |
| 4. Seeing people cry doesn’t really upset me. | 2 |
| 5. I am good at predicting what someone will do. | 2 |
| 6. If I say something that someone else is offended by, I think that that’s their problem, not mine. | 2 |
| 7. I can tell if someone is masking their true emotion. | 2 |
| 8. I am able to make decisions without being influenced by people’s feelings. | 2 |
| 9. I can easily work out what another person might want to talk about. | 2 |
| 10. I really enjoy caring for other people. | 2 |
| **Emotional Reactivity (ER) sub-parts** | 20 |
| 11. Other people tell me I am good at understanding how they are feeling and what they are thinking. | 2 |
| 12. I am very blunt, which some people take to be rudeness, even though this is unintentional. | 2 |
| 13. I can pick up quickly if someone says one thing but means another. | 2 |
| 14. I get upset if I see people suffering on news programs. | 2 |
| 15. I can easily tell if someone else is interested or bored with what I am saying. | 2 |
| 16. People sometimes tell me that I have gone too far with teasing. | 2 |
I can sense if I am intruding, even if the other person doesn’t tell me.  

I usually stay emotionally detached when watching a film.  

Friends usually talk to me about their problems as they say that I am very understanding.  

I tend to get emotionally involved with a friend’s problems.  

**Cognitive tests**

Visuo-Spatial Perspective Taking (VSPT) (Quesque et al. 2018) “with respect to the bottle, where is the book?”

3 types of response

- Right, Left, Both

Privileged Knowledge (PK) (Keysar 1994; Todd et al. 2011)

Medical stories (4 versions, see 1 example below)

Likert scale (1-7)

“Mr. Luquet, 67, has been experiencing headaches, dizziness and falls for several weeks. He refuses to consult. His daughter, who sees him regularly, decided to talk to the family doctor. She writes him a text message: “My father has been having headaches for a few weeks. I feel worried about it.”

Dairy stories (4 versions, see 1 example below)

Likert scale (1-7)

“François wants to test a new bar with his group of friends. Alexis warmly recommends a specific one to him, adding that he won’t be disappointed. On D-Day, François and his friends have a terrible time in this bar. The music is too loud to hear each other without much effort and the table is sticky. The next day, François writes a text message to Alexis: “Thanks for the good recommendation! I know I can rely on you in the future!”

Pain intensity (Xu et al. 2009)

(2 items, one with a pen and the other with the needle) “In your opinion, what level of pain do you think this person is experiencing?”.

Likert scale (1-9)