Appendix 1

- Activation: All sentences or phrases that indicate the presentation of the first diagnosis while reading the scenario. Please explain more.

- Verification: All sentences or phrases that indicate the participant's attempt in relating the scenario content with the presented diagnosis in Activation stage. The efforts include emphasizing the confirming signs and symptoms and rejecting the diagnosis or the presented diagnoses.

- Confirmation: Emphasizing all sentences or phrases that indicate the confirmation of the primary diagnosis at the final parts of the thought.

- Diagnosis: The clinical diagnosis which is presented by a physician can be presented in different forms called "diagnosis levels". Obviously, a diagnosis indicating "the exact name of a disease" is easily identifiable, but diagnoses are sometimes presented in a more general way that makes their recognition challenging. In order to avoid errors in recognizing sentences, words, or expressions related to the diagnosis, all items indicating the diagnosis were defined as follows (21):

• Systematic involvement: Phrases such as cardio-vascular involvement

• Organ involvement: Phrases such as liver or kidney

• The clinical condition: Phrases such as shock or kidney failure

• The exact name of the disease: Phrases such as bacterial endocarditis or myocardial infarction.

Appendix 2

Activation:

Zero score: No diagnosis is activated.

Score 1: The number of activated diagnoses is more than 3.

Score 2: The number of activated diagnoses is 3.

Score 3: The number of activated diagnoses is 1 to 2 items.

Verification:

Zero score: Participant's not judging about the relevance or non-relevance of additional signs and symptoms by the presented diagnosis or diagnoses.

Score 1: Activation of the extra diagnoses other than the Activation stage when confronting with additional signs and symptoms, lack of targeted evaluation to reject or prove the activated diagnosis.

Score 2: Incomplete evaluation of the data based on the activated diagnoses. In other words, in confronting every piece of data with the new finding, the participant does not attempt to evaluate them in the light of the activated diagnosis or diagnoses, but he/she only does so for only some of these findings.

Score 3: The targeted evaluation of signs and symptoms to confirm the activated diagnoses in Activation stage.

Confirmation:

Zero score: A sudden change of the final diagnosis

Score 1: Non-confirmation of the final diagnosis

Score 2: Confirming the diagnosis with skepticism

Score 3: Confirming without doubt about the final diagnosis

The total score of the script process

It is actually the score calculated from the sum of the scores given to the Verification, Activation, and Confirmation sections and indicates the total score of the mental script inferred from each protocol. The highest and the lowest scores given to a protocol using this method were 9 and 0, respectively. 9 meant that the individual had the complete script qualified for all stages, and 1 meant that the individual has a very weak script.