Erasmus+

Development of innovative training solutions in the field of functional evaluation aimed at updating of the curricula of health sciences schools

MODULE BIOMECHANICS: FOUNDATIONS OF BIOMECHANICS APPLIED TO THE LOCOMOTOR SYSTEM

Didactic Unit C: PHYSIOLOGICAL SIGNS AND MORPHOMETRIC PARAMETERS

Self-Questionnaire

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Self-questionnaire:

- Self-questionnaire aimed to test the knowledge acquired.
- It will include 5 objective questions with 4 answer options or True / False options.
- Mark in bold the correct answer.

Type of questions:

- **Drag and drop into text:** Students select missing words or phrases and add them to text by dragging boxes to the correct location. Items may be grouped and used more than once.
- **Drag and drop markers:** Students drop markers onto a selected area on a background image. Unlike the drag and drop onto image question type, the are no predefined areas on the underlying that are visible to the student.
- **Drag and drop onto image:** Students make selections by dragging text, images or both to predefined boxes on a background image. Items may be grouped.
- **Matching:** A list of sub-questions is provided, along with a list of answers. The respondent must “match” the correct answers with each question.
- **Multichoice:** With the Multichoice question type you can create single-answer and multiple-answer questions, include pictures, sound or the other media in the question and/or answer options and weight individual answers.
- **Select missing words:** Students select a missing word or phrase from a dropdown menu. Items may be grouped and used more than once.
- **True/False:** In response to a question (that may include an image), the respondent selects from two options: True or False.

Question 1

The group of parameters such as weight, height, selected skinfold thicknesses, and head, waist, hip, as well as arm circumferences belong to:

□ A physiological signs,

□ B **anthropometric measures,**

□ C 2D biomedical imaging parameters,

□ D none of the above.

Question 2

Physiological sigs due to their specificity can be divided into two groups: electrical and non-electrical signals.

□ **TRUE**

□ FALSE

Question 3

Common used formula of combined anthropometric measures to assess obesity and its risks is defined as:

□ A ratio of hip circumference to abdominal circumference,

□ B ration of abdominal circumference to chest circumference,

□ **C ratio of abdominal circumference to hip circumference,**

□ D none of the above.

Question 4

Which physiological signs listed below belongs to the electrical biosignals?

□ A blood pressure,

□ **B electromyogram EMG,**

□ C respiratory rate,

□ D all of the above.

Question 5

Which physiological signs listed below belongs to the non-electrical biosignals?

□ **A** **body temperature**,

□ B electromyogram EMG,

□ C electrocardiogram ECG,

□ D all of the abov