

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



MODULE: BIOMECHANICS OF GAIT SELF QUESTIONNAIRE: BIOMECHANICS OF NORMAL GAIT



Which parameters are time-space parameters? There might be more than 1 correct answer

- a) **gait velocity**
- b) **ground reactions**
- c) **cadence**
- d) **step length**
- e) **muscle forces**

Which phases describe normal gait? There might be more than 1 correct answer

- a) **support phase**
- b) **flight phase**
- c) **swing phase**
- d) **dance phase**
- e) **double support phase**

On the basis of which assumptions gait determinants were determined? There might be more than 1 correct answer

- a) **gait velocity is maximized**
- b) **the maximum lifting of COM should be reduced**
- c) **the descent of COM at the boundaries of the support and swing phases is limited**
- d) **lateral displacement of the COM is limited**
- e) **work of muscle should be maximum**

In which planes the following pelvic positionst are described? There might be more than 1 correct answer

- a) **tilt – sagittal plane**
- b) **tilt – frontal plane**
- c) **obliquity – frontal plane**
- d) **rotation – frontal plane**
- e) **obliquity – transvers plane**

**Which forces can be measure by means of platforms?
There might be more than 1 correct answer**

- a) **vertical ground reaction**
- b) joint reaction
- c) force generated by a muscle
- d) **anteroposterior ground reaction**
- e) reaction between teeth



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