

TEACHER'S GUIDE SHEET

MODULE	BIOMECHANICS OF GAIT
DIDACTIC UNIT	B: BIOMECHANICAL ALTERATIONS IN GAIT
TITLE OF ACTIVITY/CLASS	Description of pathological gait
OBJECTIVES	<ul style="list-style-type: none"> • Learn the types of exaggerated gait. • Learn the types of pathological gait. • Learn examples of changes in kinematic and dynamic quantities recorded for selected diseases affecting gait regularity
LENGTH	110 MINUTES OF CLASS IN TOTAL
PREVIOUS KNOWLEDGE REQUIRED	Knowledge about biomechanics of normal gait.
TECHNICAL NEEDS	PC with projector
RESOURCES NEEDED	PC



DESCRIPTION OF THE CLASS/ACTIVITY

A power point will be used by the professor in order to guide the class The class activities will include:

- Description of physiological exaggerations in normal gait
- Description of basic dysfunctions that affect mobility
- Description of types of pathological gait
- Description of changes in parameters describing gait
- Description of walking on crutches as an example of pathological gait

TASKS TO BE DEVELOPED BY THE STUDENT IN CLASS

Student will obtain courses of joint angles obtained for patients before and after treatment.

TASK 1

Student will have to describe courses of joints angles, indicating deviations from the norm both in values and in the nature of the course

TASK 2

Student will have to point out the differences in courses of joint angles appearing on the charts obtained before and after treatment and rehabilitation.

TASKS TO BE DEVELOPED BY THE STUDENT OUTSIDE OF CLASS (if required)

Not required

EVALUATION METHODOLOGY

The teacher will collect tests (document "Student Test").

Each of test should be signed by a student.

The teacher will punctuate the answers given by a student. Each of the answers will be punctuated out of 0 - 2 points (2 if correct). In the end, the punctuations will be added. Correct answers are indicated within the "Teacher Test" Document

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