

Thematics

Preparing thesis practice II.

Description:

Assisting the student in the preparation of the dissertation, primarily the practical work required for the dissertation, under supervision. Preparation of a treatment plan, carrying out examinations, surveys and treatments under the control of the supervisor.

Requirements:

Outcome requirements of the course (specific academic results to be established by the course):

Knowledge:

- Know in detail the course, methods and rules of the physical examination of the moving system and the nervous system.
- Have extensive knowledge of the complex physiotherapeutic procedures of the most common locomotor, respiratory, surgical-traumatological, neurological diseases and the possibilities of preventing them in adult and childhood.
- Comprehensively understand the operation principle and practical application of medical devices, medical aids used in physiotherapy.
- Comprehensively understand the basic concepts of health information technology, operating systems, word processing and spreadsheet programs, methods for processing health information databases, presenting results, databases and code systems.

Skills:

- Capable of functional testing and analyzing the motion system, recording and documenting the locomotor status, determining the reasons for healthy mobility and the causes of altered mobility.
- Capable of preparing and implementing a short and long-term physiotherapy plan in its own form and complex rehabilitation program
- Able to design and perform motion therapy interventions, active, passive, manual, instrumental, individual or in group, dry and in water.
- Capable of measuring and developing physical abilities according to the methods adopted in domestic and international practice, healthy and sick individuals at different ages.
- Capable of examining the effects of physiotherapeutic interventions, measuring them, evaluating the results, deducting required consequences and modifying the treatment.

Attitude:

- Develop their professional theoretical and practical knowledge efficiently, open to new knowledge and applies them responsibly to their daily work.
- The treatment and care follow the valid procedural protocols, but they seek to find new solutions

- Assessing the outcome of their interventions and evaluating their patient's response, they are ready to change, modify, or further develop their intervention.
- Strive to provide the highest quality professional care for all patients.
- Work for evidence-based healing-preventing activities, but open to the new procedures for testing interventions, verifying or dropping their effectiveness.

Autonomy and responsibility:

- Apply the materials, methods, and tools required for the tests with responsibility.
- Conscious and responsible manager of their professional development and contribute to the development of their field of expertise.
- Perform functional tests independently (e.g. hand functions, walking, posture, daily activity, endurance etc.) in all clinical areas.
- Provide quality care in accordance with professional guidelines.

Topics:

The student prepare the "Material and Method" chapter of the dissertation.

Evaluation of the acquisition of expected learning outcomes:

Study activities expected from students:

- to carry out studies and surveys corresponding to the topic of the dissertation
- to set up the treatment plan and the exact execution of the treatments
- assessment of changes in condition
- accurate documentation
- describe in detail the participants, the studies and the therapeutic methods used, the chosen method of data processing and / or in case of review, the criteria for the selection of the processed literature, the data to be processed
- to formulate the hypotheses in final form
- actively participates in the practice
- works independently under the supervision of the supervisor
- prepares the chapter "Material and Method" of the dissertation
- consults the supervisor at least 3 times outside the practice
- submission deadline is the **last day of the 7th semester study period**

The supervisor evaluates the student's thesis with a five-scale grading system on a "Thesis registration and evaluation document 2", which the student is obliged to submit to the Department of Physiotherapy