

Course description

Part 1

General information about the course		
1. Major of study: PHYSIOTHERAPY		2. Study level: single master's degree
		3. Form of study: UNIFORM STATIONARY
4. Year: II 2022-2027		5. Semester: III
6. Course name: Clinical physiotherapy basics in pediatrics		
7. Course status: required		
8. Course contents and assigned learning outcomes		
C1 Learn basic knowledge about the clinical picture, diagnosis and treatment of the most common diseases in the field of developmental age medicine (pediatrics and pediatric neurology) for display, programming and the use of physiotherapy		
Learning outcomes / reference to learning outcomes indicated in the standards		
For knowledge – student knows and understands:D.W1, D.W2,		
For skills student can do:		
For social competencies student is ready to: Point 1.3 of general learning outcomes, points 4)		
9. Number of hours for the course		24
10. Number of ECTS points for the course		1
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	confirmed attendance of each kind of classes, pass the assessment of all practical	*
Skills	confirmed attendance of each kind of classes, pass the assessment of all practical	*
Competencies	confirmed attendance of each kind of classes, pass the assessment of all practical	*

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Katedra Pediatrii (Oddział Kliniczny Pediatrii) ul. Batorego 15, 40-902 Bytom, 32 78 61 948, pedbyt@sum.edu.pl		
13. Name of the course coordinator: Dr hab. n. med. Krystyna Stencel-Gabriel		
14. Prerequisites for knowledge, skills and other competencies: Basic knowledge of anatomy, physiology and general pathology		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	class topics and outlines on the bulletin board	
17. Location of classes	Oddział Kliniczny Pediatrii Katedry Pediatrii, Szpital Specjalistyczny Nr 2, Bytom, ul. Batorego 15	
18. Location and time for contact hours	according to the schedule on the bulletin board (3rd and 4th floor)	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
C_K01	He can describe the physiological way of somatic and psychomotoric development and can assess the state of the children nutrition	D.W2
C_K02	Assesses the general condition of an infant and toddler for the selection of appropriate physiotherapy methods	D.W2
C_K03	Assesses the general condition of a preschool and school child for the selection of appropriate physiotherapy methods	D.W2
C_K04	He knows the symptoms of the most common respiratory, cardiovascular, allergic diseases in children, sufficiently to enable the planning of physiotherapy	D.W2
C_K05	He knows the symptoms of the most common neurological and rheumatological diseases in children, sufficiently to enable the planning of physiotherapy	D.W1
C_K06	He knows the principles of planning and conducting physiotherapy in adolescent age with diseases of internal organs (in the field of pulmonology, allergology and cardiology) - according to their clinical and functional condition	D.W2
C_K07	He knows the principles of planning and conducting physiotherapy in adolescent age with neurological and rheumatological diseases, especially with dysfunction of the organ of movement, according to their clinical and functional condition	D.W1
C_K08	Can make contact relevant to age of the patient	D.W2

C_K09	Can take medical view from the parents of patients to the extent necessary to determine the physiotherapy	D.W2
P_K1	Compliance with patient rights	Point 1.3 of general learning outcomes, point 4)
20. Forms and topics of classes		Number of hours
20.1. Lectures		5
Somatic and psychological development of the child from neonatal age to maturity. The most common causes of diseases of the osteoarticular system in children. Assessment of the child's nutritional status and growth.		3
Principles of proper nutrition of children. Clinical indications for physiotherapy for the obese child. The most common symptoms of gastrointestinal diseases in children.		2
20.2 Seminars		9
The most common cardiovascular diseases in patients of adolescent age - possibilities for physiotherapy		3
Indications and contraindications for physiotherapy in children		3
Interpretation of the results of basic additional examinations		3
20.3. Practical		10
Assessment of the general condition of the child of different ages. Assessment of physical and motor development.		5
Respiratory and allergic diseases in children – possibilities and indications for physiotherapy in respiratory diseases		5
20.4. Self-study		1
Getting acquainted with the literature of the subject		1
21. Readings		
Basic Kuliński W., Zeman K., Orlik T. (red.): <i>Fizjoterapia w pediatrii</i> . Wydawnictwo Lekarskie PZWL, Warszawa 2012. Lissauer T., Carroll W.: <i>Pediatrics</i> , wyd. 5 polskie, Milanowski A. (red.). Elsevier Urban&Partner, Wrocław 2015. Obuchowicz A. (red.): <i>Podstawowe zagadnienia opieki pediatrycznej w lecznictwie otwartym</i> . Śląska Akademia Medyczna, Katowice 2003. Obuchowicz A.(red.): <i>Badanie podmiotowe i przedmiotowe w pediatrii</i> . PZWL Warszawa 2016. (rozdział pt. Wywiad. Badanie podmiotowe). Pawlaczyk B. (red.): <i>Pielęgniarstwo pediatryczne</i> . Wydawnictwo Lekarskie PZWL Warszawa 2005, wyd. I. Further Grenda R, Kawalec W i wsp: <i>Pediatrics</i> tom 1 i 2, PZWL Warszawa 2013. Zarzycka D, Emeryk A.: <i>Pediatrics i pielęgniarstwo pediatryczne</i> . PZWL Warszawa 2020. Kaczmarek M, Piskorz-Ogórek K: <i>Pediatrics i pielęgniarstwo pediatryczne. Wybrane zagadnienia</i> . Help-Med. s.c. Kraków 2014. wyd.I.		
22. Detail evaluation criteria		
In accordance with the recommendations of the inspection bodies Completion of the course – student has achieved the assumed learning outcomes Detail criteria for completion and evaluation of the course are specified in the course regulations		