LITHUANIAN SPORTS UNIVERSITY

STUDY MODULE PROGRAMME (SMP)

Module Code		e	В	710	В	100	Accredited		Renewal date
Enti	41		Branch	of Science	Progr.	Registr. №.	until		
	tlement	in O	hototrico	, Gynaecolog	w and Dag	liatrica]
	equisites	шU	USICITICS	, Oynaecolog	gy and I act	naures			
		siolo	gy, basic	s of physiot	nerapy.				
	rse (modul				<u>-</u>				
№.	Learning					Teaching / I Methods	Learning	Ass	essment Methods
1				for clinical r	•	Formal lect	ure	Sem	iinar, Test
2	To collec	rt, ana lient-	alyze an	d critically in subjective an	nterpret a	Evercise cla	asses, Practical asks)	Prot Test	plem-solving task,
3	therapy n	rese	, based o arch ana	y diagnosis a on the inform lysis and crit	ation	Exercise cla lecture, Pro learning	asses, Formal blem-based		kground reading, plem-solving task,
4				herapy inter apy diagnosi		n	asses, Formal entific paper	Gro	up work, Paper
5	of the con	ntinu	ous eval	he procedure uation of the ed is determine	results and		asses, Formal ctical exercises		orting for practice k, Test
6	other rela	ated p	ersons i	patients, clie n accordance hics, moral a	e with the		asses, Problem- ing, Problem- sions	-	orting for practice k, Test
7				hysical thera clinical hypo			is (Case study), asses, Formal blem-based	Rep	e analysis (study), orting for practice k, Test
Mai	n aim					· · ·		-	
							manifestations of	diseas	es in obstetrics,
	<u> </u>	nd pe	ediatrics	and help to	master phy	siotherapy in th	ose patients.		
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pedi obje	atrics. Cor ctives of p	nmoi hysio	n gynaec otherapy	ological con and plan of	ditions. Phy the treatme	ysical and physi nt. Child?s Mot	aecological disea ological changes or development,	of labo reflexes	our. General s, functional
			tor skills	s. Movement	disorders	n Children. Pec	uliarities of phys	iothera	py in Pediatrics.
Leve	el of modu			I					
C	Level of		<i>.</i>		S	ubject group (ur	der the regulation	n of the	area)
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Syllabus

№.	Sections and themes	Responsible lecturer
1.	Gynaecology.	
1.1	Urogenital system of man and woman. Diseases of sexual organs.	
1.2	Physiological periods of woman life . Menopause.	
1.3	Impairments related to weekness of pelvic floor muscles.	
1.4	Women's health. Strengthening of	
1.5	Exercise wirg Gymballs for pelvic floor muscles.	
1.6	Examination of urogenital system. Physiotherapy.	
1.7	Examination of patients with urinary incontinence. King's questionnaire. Exercise.	
2.	Obstetrics.	
2.1	Obstetrics. Fertilization. Pregnancy. Physiology, diagnosis, and periods of	
2.1	pregnancy. Body changes of pregnant woman.	
2.2	Patologies related to pregnancy. Toxicosis. Phyysiotherapy.	
2.3	Delivery, its stages. Postpatrum, physiotherapy.	
2.4	Measurements of pregnant women. Exercise - indications and kontraindications.	
2.5	Positions to facilitate the discomfort of pregnancy. Exercise during pregnancy.	
	Indications and contraindications.	
2.6	Pregnancy-related pathology.	
2.7	Physiotherapy during postnatal period. Indications and contraindications for	
	exercise.	
3.	Paediatrics.	
3.1	Neonatology. Prematurity.	
3.2	Growth, development, and maturation. Principles of motor development. Neonatal	
	and infant reflexes.	
3.3	The motor development of the form. Motor Age. Motor coeficient. Developmental	
2.4	retardation and physiotherapy	
3.4	Genetically inherited disease.	
3.5	Orthopedic disease in children. Torticollis, spinal deformities, legs' deformities.	
3.6	Respiratory problems in children and physiotherapy.	
3.7	Metabolic disorders in children. Rachitis, CD, obesity.	
3.8 3.9	Neurological diseases in children.	
	Preterm, term, post term babies. Rexlecsive exercise. assessment of reflexes.	
3.10	Promotion of motor development. Passive exercise. Massage for infants and	
3.11	childtren.	
3.12	Active exercises for babies and children. General and special motor abilities.	
3.12	Muscle testing in children.	
3.13	Torticollis, evaluation, physiotherapy.	
3.14	Leg deformities	
3.16	Gaming. Safe exercises for children.	
3.10	Spinal deformities. Inproper posture.	
3.17	Muscle dystrophies. Rett syndrom.	
3.18	Cystic fybrosis. Bronchail astma.	
3.20	Hip dyspasia.	
3.20	Muscle dystrophy, physiotherapy.	
3.21	Hidrocephalus. Epilepsy.	
3.22	Autism spectrum disorders.	
3.23	Haemophylia and physiotherapy.	
	1	
3.24	Down syndrom.	

№.	Sections and themes	Responsible lecturer
3.27	Fetal alkohol syndrom. Newborn abstinence syndrom.	
3.28	Traumas in children.	
3.29	Obesity in children, physiotherapy.	
3.30	CP.	
3.31	Cancer in children. Burns.	
3.32	Summary of the course.	

Evaluation procedure of knowledge and abilities:

References

		Edition in Lithu University		In Lithuanian	Number of ex. in the	
№.	Title	Pressmark	Number of exemplars	Sports University bookstore	methodical cabinet of the depart.	
1.	Mante J., Haslam J., Barton S. Physiotherapy in Obstetrics and Gynaecology. Butterworth Heinemann, 2019 (first ed.2004)			Yes	1	
2.	Campbell S.K., Linden D.W., Palisano R.J. Physical Therapy for Children. W.B. Saunders Company, 2012	615.8 Ph-09	1	Yes	1	
3.	Irion JM., Irion GL. (2010). Women's Health in Physical Therapy. Lippincott Williams & Wilkins.			No	1	
4.	Goodway, J. D., Ozmun, J. C., & Gallahue, D. L. (2019). Understanding motor development: Infants, children, adolescents, adults. Jones & Bartlett Learning.	0080059707	1	No	1	
Add	itional literature					
№.	Title					

N <u>∘</u> .	Title
1.	Anatomijos atlasai ir anatomijos vadovėlis.
2.	Goodway, J. D., Ozmun, J. C., & Gallahue, D. L. (2019). Understanding motor development: Infants, children, adolescents, adults. Jones & Bartlett Learning.
3.	Dumoulin, C., Cacciari, L. P., & Hay-Smith, E. J. C. (2018). Pelvic floor muscle training versus no treatment, or inactive control treatments, for urinary incontinence in women. Cochrane database of systematic reviews, (10).
4.	Woodley, S. J., Boyle, R., Cody, J. D., Mørkved, S., & Hay-Smith, E. J. C. (2017). Pelvic floor muscle training for prevention and treatment of urinary and faecal incontinence in antenatal and postnatal women. Cochrane Database of Systematic Reviews, (12).
5.	Anderson, G., & Medina, S. R. B. (2019). Autism Spectrum Disorders: Role of Pre-and Post-Natal GammaDelta ($\gamma\delta$) T Cells and Immune Regulation. Current pharmaceutical design.
6.	Macias, C. G., & Gan, V. (2017). Congenital muscular torticollis: Clinical features and diagnosis. UpToDate.
7.	Harris, S. T., Liu, J., Wilcox, S., Moran, R., & Gallagher, A. (2015). Exercise during pregnancy and its association with gestational weight gain. Maternal and child health journal, 19(3), 528-537.
8.	Mateo, F., Soria-Olivas, E., Carrasco, J. J., Bonanad, S., Querol, F., & Pérez-Alenda, S. (2018). HemoKinect: a microsoft kinect V2 based exergaming software to supervise physical exercise of patients with hemophilia. Sensors, 18(8), 2439.
9.	Carter, K., Sunderman, S., & Burnett, S. W. (2018). The effect of vestibular stimulation exercises on balance, coordination, and agility in children with Down syndrome. American Journal of Psychiatry and Neuroscience, 6(2), 28-32.

Nº.	Title						
	Chen, Y., Fanchiang, H. D., & H	loward, A. (2018). Effectiveness of virtual real	lity in children with				
10.	cerebral palsy: a systematic revie	ew and meta-analysis of randomized controlled	l trials. Physical therapy,				
	98(1), 63-77.						
		Evensen, K. A. I., & Bratberg, G. H. (2020). Is	1 1 5				
11.		d gross motor improvement in children with ce	erebral palsy? A national				
		lity and rehabilitation, 42(10), 1430-1438.					
		18). Effect of combined rehabilitation program					
12.		function scores in children with spastic cerebr	ral palsy. Journal of				
	physical therapy science, 30(7), 9						
12	A 1 1 1 1 1	gent, B. (2018). Physical therapy management	e				
13.		d clinical practice guideline from the APTA A	cademy of Pediatric				
	Physical Therapy. Pediatric Phys						
14.	American Diabetes Association. (2018). 12. Children and adolescents: standards of medical care in diabetes—2018. Diabetes Care, 41(Supplement 1), S126-S136.						
		art, L. E., Eisenstat, D. D., & McNeely, M. L.	(2018) Drugical therapy				
15.		physical exercise interventions, in children an					
15.	5	or cancer. Cochrane Database of Systematic R					
<u> </u>		er-provided physical therapy home programs f					
16.	delay: a scoping review. Physica		or emiliaten with motor				
	Brandão, M. B., Mancini, M. C.,	Ferre, C. L., Figueiredo, P. R., Oliveira, R. H.	., Gonçalves, S. C., &				
17.	Gordon, A. M. (2018). Does dos	age matter? A pilot study of hand-arm bimanu	al intensive training				
17.		in children with unilateral cerebral palsy. Phy	sical & occupational				
	therapy in pediatrics, 38(3), 227-						
		pp, A. H., & Holm, I. (2020). Change in poplit					
18.		abulant children with spastic bilateral cerebral	palsy. A register-based				
	cohort study. BMC pediatrics, 20						
10		Hadders-Algra, M. (2019). Coaching in early					
19.		m as an example of translation of theory into p	bractice. Disability and				
	rehabilitation, 41(15), 1846-1854						
20		ietz, J., Rupp, A., & Philippi, H. (2019). Stand					
20.	*	nt developmental and socio-emotional scales: r	eliability and predictive				
Casi	· · · ·	evelopmental Medicine & Child Neurology.					
	rdinating lecturer Position	Dagraa surnama nama	Schedule №.				
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Subdivision

Entitlement	Code
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Study module teaching form №. 1

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