

## NURSING CARDIOVASCULAR NEONATAL CARE

### LEARNING OUTCOMES

THE CARDIOVASCULAR SYSTEM OF THE NEWBORN IS VERY DIFFERENT COMPARED TO THE INTRAUTERINE PERIOD AND DURING THIS SHIFT PERIOD MANY MORBIDITIES OCCUR. THE NURSES WILL LEARN THE PATHOPHYSIOLOGY AND MANAGEMENT OF PATENT DUCTUS ARTERIOSUS, ARRHYTHMIAS, CONGENITAL HEART DISEASES, HYPO, HYPER -TENSION, CYANOSIS AND PULMONARY HYPERTENSION. THEY WILL ALSO LEARN THE SKILL OF CATHETERIZATION OF DIFFERENT VESSELS ON NEONATES, SUCH AS PERIPHERAL VEINS, UMBILICAL VESSELS AND PLACING A PICC LINE.

### ECTS CREDITS

2.5 ECTS

<i>Theoretical courses</i>	<i>Teaching Methodology</i>	<i>Number of hours</i>
Patent ductus arteriosus	<i>Lectures, Independent Study, Problem-based Learning, E-learning, Online platform</i>	2
Screening and follow up of congenital heart diseases	<i>Lectures, Independent Study, Problem-based Learning, E-learning, Online platform</i>	2
Management of - hypo - hypertension	<i>Lectures, Independent Study, Problem-based Learning, E-learning, Online platform</i>	2
Heart rate and arrhythmias	<i>Lectures, Independent Study, Problem-based Learning, E-learning, Online platform</i>	2
Catheterization techniques	<i>Lectures, Independent Study, Problem-based Learning, E-learning, Online platform</i>	2
Differential diagnosis of cyanosis	<i>Lectures, Independent Study, Problem-based Learning, E-learning, Online platform</i>	2
Pulmonary hypertension	<i>Lectures, Independent Study, Problem-based Learning, E-learning, Online platform</i>	2



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<b>Practical activities</b>	<b>Teaching Methodology</b>	<b>Number of hours</b>
Implementing knowledge on case scenarios and in NICU	<i>Laboratory and Practical Study, Virtual laboratory</i>	6

<b>Evaluation</b>	
<i>Course activities – percent of the final grade - 40%</i>	<i>Practical activities – percent of the final grade - 60%</i>
<i>Final mark</i>	

<b>Training Methods</b>
<ul style="list-style-type: none"> <li>- <i>Lectures</i></li> <li>- <i>Independent Study</i></li> <li>- <i>Laboratory and Practical Study</i></li> <li>- <i>Problem-based Learning</i></li> </ul>
<b>Innovative Digital Training Methods</b>
<ul style="list-style-type: none"> <li>- <i>Virtual laboratory</i></li> <li>- <i>Online platform</i></li> <li>- <i>E-learning</i></li> </ul>

