

Ministry of Education and Science of Ukraine
V. N. Karazin Kharkiv National University

RESPIRATORY DISEASES IN NEWBORNS

Methodical recommendations
for students of 5th course of medical faculty

Kharkiv – 2020

Reviewers:

O. O. Riga – Medical Doctor, Doctor of Science, Full Professor of the Department of Pediatrics №1 and Neonatology in Kharkiv National Medical University;

N. S. Shevchenko – Medical Doctor, Doctor of Science, Leading Researcher Cardiorheumatology Department of the Institute of Children and Adolescent Health Care of the National Academy of Medical Sciences of Ukraine.

*Approved for publishing by the decision of Scientific and Methodical Council
of V. N. Karazin Kharkiv National University
(protocol № 4 from 24.06.2020)*

Respiratory diseases in newborns: methodical recommendations for students
R 49 of 5th course of medical faculty / comp. K. V. Voloshyn, O. V. Buznytska. – Kharkiv :
V. N. Karazin Kharkiv National University, 2020. – 36 p.

Methodical recommendations are worked out on the basis of the Program of discipline of “Pediatrics, children infectious diseases” for students of higher medical educational institutions of III–IV levels of accreditation, authorized by Ministry of Health of Ukraine. These recommendations are intended for the 5th years English-speaking medical students.

УДК 616.2-002.1-053.31(072)

© V. N. Karazin Kharkiv National University, 2020

© Voloshyn K. V., Buznytska O. V., comp., 2020

© Donchik I. M., design of cover, 2020

CONTENTS

List of acronyms.....	4
Introduction. Peculiarities of fetal and neonate respiration.	
Common causes of neonatal respiratory distress. Downe's score	5
Transient Tachypnea of the Newborn	7
Meconium aspiration syndrome	8
Respiratory distress syndrome	10
Pneumonia.....	14
Air leak syndromes	17
Congenital abnormalities of the lung and thorax	19
Persistent pulmonary hypertension of neonates (PPHN)	20
Congenital diaphragmatic hernia (CDH)	25
Congenital cystic adenomatoid malformation (CCAM)	26
Congenital airway abnormalities (CAA).....	27
Questions for self-control.....	29
Test.....	29
References	32
Appendix	33