

SYLLABUS

SUBJECT: NURSING IN ANESTHESIOLOGY AND INTENSIVE THERAPY

TEACHER: PAWEŁ WIĘCH

COURSE DESCRIPTION

Anesthesiology and Intensive Care for Nurses

LEARNING OUTCOMES

1. Preparing students to interpret and understand the knowledge of: methods and principles of anesthesia, the specific organization and work of medical intensive care unit, life-threatening conditions, monitoring of patients in the emergency of life, rules of conduct in states of emergency life-threatening.
2. Preparing students for the skills to: work with staff life-threatening situations for patients intensive medical therapy.
3. Shaping the attitudes of students to: actively deepen knowledge of anesthesia and intensive care

GRADING POLICY: *lectures*

TIMETABLE

| No | Topics | Hours |
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| 1. | <i>Intensive care and nursing care. Standards and procedures for intensive therapy</i> | 2 |
| 2. | <i>Methods of anesthesia. Preparing the patient for anesthesia and after anesthesia care.</i> | 2 |
| 3. | <i>Intensive supervision - to identify life threatening condition</i> | 3 |
| 4. | <i>Treatment of the patient unconscious. Taking care of the patient's cardiovascular, respiratory, nervous, etc.</i> | 5 |
| 5. | <i>Life threatening. Nursing in acute states (shock, acute renal failure, poisoning, multi-organ injuries, etc.)</i> | 8 |
| 6. | <i>Principles of cardiopulmonary resuscitation - respiratory</i> | 5 |
| 7. | <i>Enteral and parenteral nutrition patients treated in intensive care</i> | 2 |
| 8. | <i>Subject to the free choice of the student</i> | 3 |

TEXTBOOK AND REQUIRED MATERIALS

BASIC:

1. Barash P. G. et al: Clinical Anesthesia. Lippincott Williams and Wilkins, 2009
2. Bersten A., Soni N.: Oh's Intensive Care Manual. Butterworth-Heinemann, 2008
3. Carlson K. K.: AACN Advanced Critical Care Nursing. Saunders, 2008.
4. Sole M. L., Klein D. G., Moseley M.: Introduction to Critical Care Nursing. Saunders, 2008.

SUPPLEMENTARY:

1. Ahrens T., Kleinpell R., Prentice D.: Critical Care Nursing Certification: Preparation, Review and Practice Exams, McGraw-Hill Professional, 2006
2. Algozzine G. J., Lilly D. J., Algozzine R.: Critical Care Intravenous Infusion Drug Handbook. Mosby, 2009
3. Allman K., Wilson I.: Oxford Handbook of Anaesthesia, Second Edition. Oxford University Press, Oxford, 2006.
4. Benington S., Nightingale P., Shelly M.: Multiple Choice Questions in Intensive Care Medicine, TFM Publishing Ltd, 2009.
5. Cross M. E., Plunkett E. V. E.: Physics, Pharmacology and Physiology for Anaesthetists: Key Concepts for the FRCA, Cambridge University Press, 2008.
6. Chulay M., Burns S.M., American Association Of Critical-Care Nurses Aacn.: AACN Essentials of Critical-Care Nursing Pocket Handbook. McGraw-Hill Medical, 2010
7. Diepenbrock N. ,H.: Quick Reference to Critical Care. Lippincott Williams & Wilkins, 2007.
8. Dougherty L., Lister S.: The Royal Marsden Hospital Manual of Clinical Nursing Procedures. Royal Marsden Hospital, Chichester, 2008.
9. Hinds C. J, Watson J. D.: Intensive Care: A Concise Textbook. Saunders Ltd, 2008.
10. Jevon P., Ewens B.: Nursing Medical Emergency Patients (Essential Clinical Skills for Nurses). WileyBlackwell, 2008.
11. Marino P. L., Sutin K. M.: The ICU Book. Third Edition. Lippincott Williams & Wilkins – a Wolters Kluwer business. Philadelphia, 2007.
12. Moore T. ,Woodrow P.: High Dependency Nursing Care. Routledge – Taylor& Francis Group, Abingdon, 2009.
13. Waldmann C., Soni N., Rhodes A.: Oxford Desk Reference: Critical Care, OUP Oxford, 2008.
14. Watson R.: Anatomy and Physiology for Nurses. Bailliere Tindall, 2005.
15. Watson R. L.: Certification and Core Review for Neonatal Intensive Care Nursing. Saunders, 2007.
16. Weller B. F.: Bailliere's Nurses Dictionary. Churchill Livingstone; 25th edition, 2009
17. Woodrow P.: Intensive Care Nursing. A framework for practice. Routledge – Taylor & Francis Group, Abingdon, 2006.
18. Springhouse: Auscultation Skills: Breath and Heart Sounds. Lippincott Williams & Wilkins, 2009.

JOURNALS:

1. American Journal of Nursing
2. Nursing
3. Nursing Critical Care
4. Critical Care Nurse
5. American Journal of Critical Care

PREREQUISITES: *knowledge base of human anatomy and physiology*