



NIHS RESIDENCY TRAINING PROGRAM

Anesthesia

Part One Examination

Anesthesia Part 1 Exam Content:

The aim of part 1 Exam is to ensure that the candidates have a good knowledge about the basic science related to anesthesia as well as basic anesthesia scenarios

Examination Format:

National Institute for Health Specialties NIHS (Emirate Board) Part I Examination certificate shall consist of one paper with 150 Single Best Answer MCQs.

Passing Score:

The pass mark in the Part One Examination will be determined according to the scientific standards and based on reliable practices in assessment.





Suggested References:

Class (A) Textbooks: Residents are encouraged to have in-depth knowledge in major parts of the following books:

1. Anesthesia, Ronald D. Miller (Churchill Livingstone)
2. Clinical Anesthesia, Paul G. Barash (B. Lippincott Company)
3. Anesthesia and Co-Existing Disease, Robert K. Stoelting (Churchill Livingstone)
4. Stoelting Pharmacology & physiology in Anesthesia practice (Lippincott William & Wilkins)
5. Morgan & Mikhail clinical anesthesiology

Class (B) Textbooks: Residents are expected to use the following books as references related to anesthesia and intensive care:

1. Obstetric Anesthesia, David Chestnut.
2. The ICU book, Paul Marino
3. Cote' A practice of anesthesia for infants and children
4. Clinical Electrocardiography A Simplified Approach, Ary Louis Goldberger (C.V. Mosby Company)
5. Lecture Notes on Medical Statistics, Aviva Petrie (Black Scientific Publications)
6. Cardiac Anesthesia, Frederick Kaplan
7. A practical approach to cardiac anesthesia, Hensley (Lippincott William & Wilkins)
8. Anesthesia and uncommon disease, Lee Fleisher (Elsevier)
9. Anesthesiologist's manual of surgical procedures, Richard Jaffe (LWW)
10. Hadzic's textbook of Regional Anesthesia and acute pain management (Mc Graw Hill)
11. West's respiratory physiology
12. Essentials of pain medicine, Honorio Benzon (Mosby)
13. Thoracic Anesthesia by Peter Slinger





Blueprint Outlines:

No.	Sections	Percentage
1	Anatomy	20%
2	Physiology	20%
3	Pharmacology	20%
4	Physic	20%
5	Basic Anesthesia Questions	20%
Total		100%

Notes:

- All questions given during the exam will be following the standards of National Board of Medical Examiners (NBME) - (A Case Based Scenarios)
- All sections incorporate applied Basic Science assessment which includes but not limited to Physiology, Pharmacology, Anatomy, Physics, and Equipment
- Blueprint distributions of the examination may differ up to +/-5% in each category.
- Percentages and content are subject to change at any time. See the website for the most up-to-date information.
- Research, Ethics, Professionalism, and Patient Safety are incorporated within various domains.





Example Questions

Question 1

A 45-year-old woman is booked for laparoscopic sleeve gastrectomy. After positioning and preoxygenation with 100% oxygen for 5 minutes, the physician induced the patient with Propofol, Rocuronium and fentanyl. The attempts of intubation are unsuccessful and supraglottic device is not adequate.

Which of the following is the most appropriate next step?

- A. Jet ventilation
- B. Surgical airway
- C. Awakening the patient
- D. Attempt supraglottic device

