



NCE Handbook

Answers to Sample Questions

- | | | | |
|------|-------|-------|-------|
| 1. B | 6. D | 11. D | 16. D |
| 2. C | 7. A | 12. C | 17. D |
| 3. D | 8. C | 13. C | 18. A |
| 4. D | 9. C | 14. B | 19. C |
| 5. B | 10. D | 15. B | |

APPENDIX A: Academic and Clinical Experience Requirements

Every individual who applies for eligibility to sit for the NCE must submit evidence of successful completion of a COA-accredited nurse anesthesia educational program. NBCRNA requires submission of an academic and clinical experience record as a component to determine NCE eligibility. This record must be submitted by the nurse anesthesia educational program administrator, and is not accepted directly from the NCE applicant.

All applicants for the NCE must report successful completion of Advanced Cardiac Life Support (ACLS) and Pediatric Advanced Life Support (PALS) courses. ACLS and PALS must be current at the time of NCE application submission and have expiration dates on or after the date of the nurse anesthesia educational program completion. This information will be submitted by the nurse anesthesia educational program administrator at the time the academic and clinical experience requirements are reported.

For students enrolled on or AFTER January 1, 2015, who will be awarded a MASTER'S degree upon program completion, the following academic and clinical experiences must be met:

Academic

- Pharmacology of anesthetic agents and adjuvant drugs including concepts in chemistry and biochemistry (105 hours)
- Anatomy, physiology, and pathophysiology (135 hours)
- Professional aspects of nurse anesthesia practice (45 hours)
- Basic and advanced principles of anesthesia practice including physics, equipment, technology, and pain management (105 hours)
- Research (30 hours)
- Clinical correlation conferences (45 hours)
- Radiology (no minimum hour)
- Ultrasound (no minimum hour)
- Three separate comprehensive graduate level courses in advanced physiology/pathophysiology, advanced health assessment, and advanced pharmacology

Clinical Experiences

All students who enroll in a nurse anesthesia educational program on or AFTER January 1, 2015, have the same clinical experience requirements, regardless of the degree to be awarded upon completion of the program. Please refer to the table below that appears for students to be awarded a doctoral degree upon program completion.

For students who enrolled on or AFTER January 1, 2015, who will be awarded a DOCTORAL degree upon program completion:

Academic

- Advanced Physiology/Pathophysiology Course (120 hours)
- Advanced Pharmacology Course (90 hours)

- Advanced Health Assessment Course (45 hours)
- Basic and Advanced Principles in Nurse Anesthesia Course (120 hours)
- Research (75 hours)
- Human Anatomy
- Chemistry
- Biochemistry
- Physics
- Genetics
- Acute and Chronic Pain Management
- Radiology
- Ultrasound
- Anesthesia Equipment
- Professional Role Development
- Chemical Dependency and Wellness
- Informatics
- Ethical and Multicultural healthcare
- Leadership and Management
- Business of Anesthesia/Practice Management
- Health Policy
- Healthcare Finance
- Integration/Clinical Correlation

Clinical Experiences

For students enrolled on or AFTER January 1, 2015, the following table lists the minimum number of the types of clinical experiences a graduate from a COA-accredited nurse anesthesia program must report to the NCBRNA as part of the applicant’s NCE application materials.

TITLE	MINIMUM NUMBER
Total Cases	600
Anesthesia Hours	0
Clinical Hours	2000
Class I/II	0/0
Class III-VI	200 (Total of A, B, C and D)
A. Class III	50
B. Class IV	10
C. Class V	0
D. Class VI	0

TITLE	MINIMUM NUMBER
Geriatric 65+ years	100
Pediatric 2 to 12 years	30
Pediatric (less than 2 years)	10
Neonate (less than 4 weeks)	0
Trauma/Emergency (E)	30
Obstetrical Management	30 (Total of A and B)
A. Cesarean Delivery	10
B. Analgesia for Labor	10
Pain Management Encounters	15

TITLE	MINIMUM NUMBER
Intra-abdominal	75
Intracranial (includes open)	5
Open	3
Oropharyngeal	20
Intrathoracic	15 (Total of A and B)
A. Heart	5 (Total of 1 and 2)
1. With Cardiopulmonary Bypass	0
2. Without Cardiopulmonary Bypass	0
B. Lung	5
Neck	5
Neuroskeletal	20
Vascular	10

TITLE	MINIMUM NUMBER
General Anesthesia	400
Inhalation Induction	25
Mask Management	25
Supraglottic Airway devices	35 (Total of A and B)
A. Laryngeal Mask	0
B. Other	0
Tracheal intubation	250 (Total of A and B)
A. Oral	0
B. Nasal	0
Alternative Tracheal Intubation Techniques	25 (Total of A and B)
A. Endoscopic Techniques	5 (Total of 1 and 2)
1. Actual Placement	0
2. Simulated Placement	0
3. Airway Assessment	0
B. Other techniques	5
Emergence from Anesthesia	300

TITLE	MINIMUM NUMBER
Regional Techniques: Actual Administration	35 (Total of A, B and C)
A. Spinal	10 (Total of 1 and 2)
1. Anesthesia	0
2. Pain Management	0
B. Epidural	10 (Total of 1 and 2)
1. Anesthesia	0
2. Pain Management	0
C. Peripheral and Other	10 (Total of 1 and 2)
1. Anesthesia	
a. Upper	
b. Lower	
c. Other	
2. Pain Management	
a. Upper	
b. Lower	
c. Other	
Regional Techniques: Management	35 (Total of 1 and 2)
1. Anesthesia	0
2. Pain Management	0
Moderate/Deep Sedation	25

TITLE	MINIMUM NUMBER
Arterial Puncture/Catheter Insertion	25
Intra-arterial BP Monitoring	30
Central Venous Catheter (CVC) Placement – Non PICC	10 (Total of A and B)
A. CVC Non-PICC: Actual	0
B. CVC Non PICC: Simulated	0
CVC Placement – PICC	0 (Total of A and B)
A. CVC Placement PICC: Actual	0
B. CVC Placement PICC: Simulated	0
CVC Monitoring	15
Pulmonary Artery (PA) Catheter Placement	0
PA Catheter Monitoring	0
Ultrasound Guided Techniques: Regional	0
Ultrasound Guided Techniques: Vascular	0
Intravenous Catheter Placement	100