

**Certificate: Henan Provincial People's Hospital Certificate of Anesthesiology Specialist Nurse**

<b>Term and course</b>	<b>Subject</b>	<b>Credits</b>
<b><u>Course(Year 1)</u></b>		
Anaesthesia anatomy	Anatomy and innervation of the head and neck	2
	Anatomy and innervation of the chest	2
	Anatomy of airway	2
	Anatomy and innervation of abdomen	2
	Anatomy and innervation of pelvis and perineum	2
	Anatomy of spinal region	2
	Anatomy and innervation of extremities	2
Anesthetic pharmacology	Pharmacokinetics and pharmacodynamics	2
	Sedative hypnotics and antagonists	2
	Systemic anesthetics and local anesthetics	2
	Skeletal muscle relaxants and antagonists	2
	Vasoactive agents	2.5
	Drug interactions during perioperative period	2
Anesthesia physiology	Anesthesia and nervous system	2
	Anesthesia and respiration	2
	Anesthesia and circulation	2

	Anesthesia and hepatorenal	2
	Anesthesia and endocrine	2
	Anesthesia and body temperature	2
	Anesthesia and pregnancy physiology	2
	Anesthesia and physiology of the elderly and pediatric	2.5
Assessment of anesthesia	Assessment of patients before anesthesia	1.5
	Assessment and nursing of patients in anesthesia recovery period	1.5
	Dynamic assessment and nursing of post-anesthesia patients	1.5
Perioperative capacity management and nursing	Capacity assessment of perioperative patients	1.5
	Common liquid types during perioperative period	1.5
	Fluid transfusion nursing of perioperative patients	1.5
	Blood transfusion nursing of perioperative patients	1.5
Management of Anesthesiology Instruments and Equipment	Anesthesia machine	2
	ECG monitor	1.5
	Autologous blood recovery machine	2
	Medical infusion equipment	1.5
	Defibrillator	1.5
	Transporter ventilator	1.5
Anesthesia monitoring technology and nursing	Monitoring and nursing of respiratory system function	1.5
	Monitoring and nursing of partial pressure of end-tidal carbon dioxide	1.5
	Monitoring and nursing of basic vital signs	1.5
	Monitoring and nursing of anesthesia depth	1.5
	Monitoring and nursing of central venous pressure	1.5
	Neuromuscular monitoring	1.5
	ECG monitoring and nursing	1.5
	Body temperature monitoring and nursing	1.5
	Blood gas analysis	1.5

Leadership of anesthesia nurses	The role and professional connotation of anesthesia nurses	1.5
	The Basic Concept of Nursing Leadership and the application of nursing leadership in anesthesia nursing	1.5
Clinical conference on special cases	/	1.5
Clinical practice I (the First Year)	general surgery, cardiac surgery, thoracic surgery, orthopedics, urology, ENT surgery, obstetrics and gynecology, and endoscopy ; PACU, pre-anesthesia room, APS, Anesthesia intensive care unit	300
<b>Total credit (Year 1)</b>		<b>381.5</b>
<b>Term and course</b>	<b>Subject</b>	<b>Credit</b>
<b><u>Course (Year 2)</u></b>		
Airway management	Airway anatomy and ventilation mode	1.5
	Evaluation and nursing of difficult airway	1.5
	Method and nursing of endotracheal intubation	1.5
	Nursing of catheter extraction	1.5
	Management of airway complications in patients with anesthesia in convalescence	2
Perianesthesia pain management	Classification and evaluation of pain	1
	Treatment and nursing of pain	1.5
	Pain Management of Multidisciplinary Medical Team Based on Information Construction	1.5
Nursing of anesthesia complications	Nursing of complications of general anesthesia	1.5
	Nursing of complications of spinal anesthesia	1.5
	Nursing of complications of nerve block anesthesia	1.5
Quality and safety	Common nursing quality management tools	4
	Management of nursing safety incidents in anesthesiology department and related laws and regulations	
	Information management of anesthesiology department and writing standard of nursing documents	
Prevention and control of anesthesia infection	Common Nosocomial Infection in Anesthesia Department	1

	Hospital infection control in anesthesiology department	1.5
Medical literature search	Literature searching method: determine the search key words; Select database; Determine the searching strategy	1
	The collation and utilization of literature	1
	Commonly used medical literature searching tools and databases	1
	Case analysis of literature retrieval	1
Basic norms of scientific research	Ethical principles to be followed in nursing research	0.5
	Ethical review of nursing research	0.5
	Academic integrity in scientific research	0.5
Nursing research methods	Overview of research design	1
	Research objects	1
	Research variables and research tools	1
	Methods of data collection	1
Medical statistics	Overview of common statistical methods	1
	Practical statistical software function	1
	Practical course of SPSS software	2
Evidence-based nursing	Overview of evidence-based nursing	1
	Proposing evidence-based nursing questions	1
	Evidence-based resources and searching methods	1
	Evaluation of literature quality	1.5
	Characteristics and classification of evidence	1
	Meta-analysis of interventional or observational studies/Meta-analysis of qualitative studies/Evaluation and application of clinical nursing practice guidelines	3
Literature reading report	/	1.5
Critical thinking	Relevant theoretical framework, methods and tools of critical thinking	3
	Application of critical thinking in anesthesia nursing	

Health promotion and public health policy	Basic conceptual framework of health promotion and related strategies	2
	Medical health policy	
Organization and implementation of anesthesia nursing teaching	Basic concepts and theoretical framework of nursing teaching	4
	Implementation and key points of nursing ward round	
	Implementation and key points of situational teaching	
	Design and Implementation of Structured Assessment	
Humanistic accomplishment and communication skills of nurses	/	2
Medical terms (English)	/	3
Nursing psychology	/	2
Nursing English (Anesthesia)	/	6
Clinical practice II (second year)	general surgery, cardiac surgery, thoracic surgery, orthopedics, urology, ENT surgery, obstetrics and gynecology, and endoscopy ; PACU, Pre-Anesthesia Room, APS Team, Anesthesia Intensive Care Unit	300
<b>Total credit (Year 2)</b>		<b>368.5</b>
<b>Total credit</b>		<b>750</b>

**Note:** The formula for converting creditto hours in this curriculum is 1 credit = 4 hour (750 x 4 = 3000 hours).