



Clinical eLearning Course Catalog

Executive Summary

Elsevier is a global information analytics business that helps institutions and professionals advance health-care, open science and improve performance for the benefit of humanity. We help researchers make new discoveries, collaborate with their colleagues, and give them the knowledge they need to find funding. We help governments and universities evaluate and improve their research strategies. We help doctors save lives, providing insight for physicians to find the right clinical answers, and we support nurses and other healthcare professionals throughout their careers.

Elsevier provides digital solutions and tools in the areas of strategic research management, R&D performance, clinical decision support, and professional education; including ScienceDirect, Scopus, SciVal, ClinicalKey and Sherpath. Elsevier publishes over 2,500 digitized journals, including The Lancet and Cell, 38,000 e-book titles and many iconic reference works, including Gray's Anatomy. Elsevier is part of RELX Group, a global provider of information and analytics for professionals and business customers across industries.

Delivery Options

Elsevier Connect enables delivery of content via your learning management system (LMS) through a seamless communication. It supports a single pass-through login for the learner and authenticates based upon credentials supplied by an existing learning management system. There is no need to log-in, log-out or toggle between systems. Provided the learning management solution supports AICC or SCORM protocols, Elsevier Connect facilitates learning as if it were an eLearning lesson within the host system. You can maintain current practices for assignment, tracking and reporting based upon your existing learning management solution implementation.

Elsevier Direct Online provides you the flexibility to administer your Elsevier learning program with minimal administrative effort. All learners have access to the same content that is both accurate and current from anywhere, at any time and learners have single transcript reporting for all Elsevier education, including NCPD (CE).

Nursing & Other Health Profession Solutions

At Elsevier, we know the importance of education and strive to provide learning opportunities for nurses and other health professionals in all specialties, at all stages of their careers. As the world-leading publisher of scientific, technical and medical information products and services, Elsevier provides proprietary education through some of the world's premier names in healthcare publishing, including Mosby and Saunders. Our extensive courseware library is complemented with content that we distribute or create exclusively through collaboration with leading professional organizations, such as the American Association of Critical Care Nurses (AACN), the Emergency Nurses Association (ENA) and the Association for Nursing Professional Development (ANPD).

AACN: Acute & Critical Care Pharmacology 3.0

This unique online course covers the most commonly used drugs and blood products in the care of acute or critically ill patients. This highly-interactive course uses a case-study approach to help prepare nurses to safely administer drugs and to promote patient safety and optimal patient outcomes. Authored by the American Association of Critical-Care Nurses (AACN).

Target Audience - RN – new and experienced direct care nurses and educators in acute and critical care settings

NCPD (CE) Providers - AACN

NCPD (CE) Hours - 10.6

Total Lessons - 8

Lessons

DISCLAIMER: Estimated seat time is in minutes. Please note, the "estimated seat time per lesson" is an approximation. The time to complete each lesson will vary from learner to learner. Elsevier does not guarantee the length of time it will take to complete.

Lessons

- Patient Safety in Critical Care Medication Administration
NCPD (CE) per Lesson: 1 Est. Seat Time per Lesson: 60
- Introduction to Pharmacology Principles I: Pharmacokinetics
NCPD (CE) per Lesson: 1.5 Est. Seat Time per Lesson: 90
- Introduction to Pharmacology Principles II: Pharmacodynamics
NCPD (CE) per Lesson: 1.5 Est. Seat Time per Lesson: 90
- Vasoactive Medications
NCPD (CE) per Lesson: 1.7 Est. Seat Time per Lesson: 102
- Antidysrhythmic Medications
NCPD (CE) per Lesson: 1.5 Est. Seat Time per Lesson: 90
- Paralytic Medications
NCPD (CE) per Lesson: 1.2 Est. Seat Time per Lesson: 72
- Medications for Pain and Sedation
NCPD (CE) per Lesson: 1.1 Est. Seat Time per Lesson: 66
- Blood and Blood products
NCPD (CE) per Lesson: 1.1 Est. Seat Time per Lesson: 66

AACN: Essentials of Critical Care Orientation 4.0 (ECCO)

Presents the gold standard in critical care orientation for new and experienced nurses in the critical care and progressive care settings. The ICU track consists of 18 modules and the PCU track consists of 17 modules that reflect the latest standards of practice. Authored by expert leaders in critical care nursing, the American Association of Critical Care Nurses (AACN).

Target Audience - RN—new and experienced direct care nurses and educators in critical care settings

NCPD (CE) Providers - AACN

NCPD (CE) Hours - ICU track 75.45, PCU track 67.72

Total Lessons - ICU track 72, PCU track 68

Lessons

DISCLAIMER: Estimated seat time is in minutes. Please note, the "estimated seat time per lesson" is an approximation. The time to complete each lesson will vary from learner to learner. Elsevier does not guarantee the length of time it will take to complete.

ICU: Global Perspectives in the Care of Critically Ill Patients: Part 1

Lessons

- Professional Critical Care Nursing Practice
NCPD (CE) per Lesson: 0.99 Est. Seat Time per Lesson: 59.83
- Frameworks for Professional Nursing Practice
NCPD (CE) per Lesson: 1.42 Est. Seat Time per Lesson: 85.17
- Older Adults and Bariatric Populations
NCPD (CE) per Lesson: 1.04 Est. Seat Time per Lesson: 62.75

ICU: Global Perspectives in the Care of Critically Ill Patients: Part 2

Lessons

- Pain, Agitation and Delirium
NCPD (CE) per Lesson: 1.01 Est. Seat Time per Lesson: 60.5
- Healthcare-Associated Complications & Other Complications of Critical Illness
NCPD (CE) per Lesson: 0.74 Est. Seat Time per Lesson: 44.28
- Prioritizing and Organizing Care
NCPD (CE) per Lesson: 0.81 Est. Seat Time per Lesson: 48.5
- Procedural Sedation, Post-Anesthesia Recovery (ICU)
NCPD (CE) per Lesson: 1.07 Est. Seat Time per Lesson: 64.2
- Palliative and End-of-Life Care
NCPD (CE) per Lesson: 0.77 Est. Seat Time per Lesson: 46.67

ICU: Caring for Patients With Cardiovascular Disorders: Part 1

Lessons

- Assessing the Cardiovascular System
NCPD (CE) per Lesson: 0.48 Est. Seat Time per Lesson: 29.25
- Diagnosis Acute Coronary Syndrome (ACS)
NCPD (CE) per Lesson: 0.69 Est. Seat Time per Lesson: 41.4
- Treating ACS: STEMI, NonSTEMI, Unstable Angina
NCPD (CE) per Lesson: 0.86 Est. Seat Time per Lesson: 51.67
- Pulmonary Edema, RVMI, Cardiogenic Shock and ACS Complications
NCPD (CE) per Lesson: 0.75 Est. Seat Time per Lesson: 45
- Noninvasive and Invasive Cardiac Procedures: Pre- and Post-Care
NCPD (CE) per Lesson: 0.97 Est. Seat Time per Lesson: 58.25

ICU: Caring for Patients With Cardiovascular Disorders: Part 2

Lessons

- "Cardiac Tamponade, HTN Crisis, Cardiac Inflammatory Diseases, ICU-Only Septal Defects"
NCPD (CE) per Lesson: 1.04 Est. Seat Time per Lesson: 62.33
- Aortic Aneurysm, Dissection and Repair; Carotid Artery Stenosis and Peripheral Vascular Disease
NCPD (CE) per Lesson: 1.14 Est. Seat Time per Lesson: 68.67
- Pacemakers and ICDs
NCPD (CE) per Lesson: 1.65 Est. Seat Time per Lesson: 99
- Long QT Syndrome, EP Studies, RFA, Cardioversion and Defibrillation
NCPD (CE) per Lesson: 0.81 Est. Seat Time per Lesson: 49

ICU: Caring for Patients With Cardiovascular Disorders: Part 3

Lessons

- Cardiomyopathies
NCPD (CE) per Lesson: 0.93 Est. Seat Time per Lesson: 56.25
- Heart Failure
NCPD (CE) per Lesson: 1.08 Est. Seat Time per Lesson: 64.75
- Stenosis or Regurgitation of the Aortic and Mitral Valves
NCPD (CE) per Lesson: 1.14 Est. Seat Time per Lesson: 68.5

ICU: Caring for Patients With Cardiovascular Disorders: Part 4

Lessons

- Cardiac Surgery: Preoperative and Intraoperative Management
NCPD (CE) per Lesson: 1.87 Est. Seat Time per Lesson: 112.2
- Postoperative Management: First 24 Hours to Discharge
NCPD (CE) per Lesson: 1.48 Est. Seat Time per Lesson: 89

- Transcatheter Aortic Valve Replacement (TAVR)
NCPD (CE) per Lesson: 1.13 Est. Seat Time per Lesson: 67.8

ICU: Caring for Patients With Pulmonary Disorders: Part 1

Lessons

- Assessment, Diagnostics and Monitoring
NCPD (CE) per Lesson: 1.04 Est. Seat Time per Lesson: 65.6
- Managing Oxygenation and Ventilation (ABGs, O₂ Delivery, Airway Management; Noninvasive Positive Pressure Ventilation)
NCPD (CE) per Lesson: 1.01 Est. Seat Time per Lesson: 60.67
- PE, Pulmonary HTN, Pneumonia, Asthma/Status Asthmaticus and COPD
NCPD (CE) per Lesson: 1.15 Est. Seat Time per Lesson: 69.5
- Respiratory Failure and ARDS
NCPD (CE) per Lesson: 0.73 Est. Seat Time per Lesson: 44.2
- Pneumothorax and Hemothorax, Pleural Effusions, Chest Tubes and Thoracentesis
NCPD (CE) per Lesson: 0.9 Est. Seat Time per Lesson: 55
- Thoracic Surgery, Thoracotomy and Pneumonectomy
NCPD (CE) per Lesson: 0.64 Est. Seat Time per Lesson: 38.4

ICU: Caring for Patients With Pulmonary Disorders: Part 2

Lessons

- Mechanical Ventilation: Intubation, Trach Care, Settings and Troubleshooting
NCPD (CE) per Lesson: 1.3 Est. Seat Time per Lesson: 78
- SAT and SBT, Neuromuscular Blockade (ICU), Ventilator Weaning, Extubation and Preventing Complications
NCPD (CE) per Lesson: 1.46 Est. Seat Time per Lesson: 87.67

ICU: Hemodynamic Monitoring of Critically Ill Patients: Part 1

Lessons

- Basics of Hemodynamic Monitoring
NCPD (CE) per Lesson: 1.47 Est. Seat Time per Lesson: 88.4
- Arterial Pressure Monitoring
NCPD (CE) per Lesson: 1.5 Est. Seat Time per Lesson: 90.25
- Central Venous Catheters
NCPD (CE) per Lesson: 1.42 Est. Seat Time per Lesson: 85

ICU: Hemodynamic Monitoring of Critically Ill Patients: Part 2

Lessons

- Pulmonary Artery (PA) Catheters (ICU)
NCPD (CE) per Lesson: 1.5 Est. Seat Time per Lesson: 90
- Cardiac Output, Functional and Invasive CO Monitoring
NCPD (CE) per Lesson: 1.25 Est. Seat Time per Lesson: 75
- Assessing Oxygen Demand and Supply; Treating Imbalances
NCPD (CE) per Lesson: 1.08 Est. Seat Time per Lesson: 65
- Pharmacologic Management: Preload, Afterload and Contractility Management
NCPD (CE) per Lesson: 1.37 Est. Seat Time per Lesson: 82

ICU: Caring for Patients With Neurologic Disorders: Part 1

Lessons

- Neurologic Assessment Techniques
NCPD (CE) per Lesson: 1.29 Est. Seat Time per Lesson: 77.5
- Increased Intracranial Pressure Assessment, Brain Herniation and Death by Neurologic Criteria (ICU)
NCPD (CE) per Lesson: 1.19 Est. Seat Time per Lesson: 71.75
- Neurologic Diagnostic Testing, Imaging and Lab Value Assessment
NCPD (CE) per Lesson: 0.72 Est. Seat Time per Lesson: 43
- ICP Monitoring, Waveform Analysis (ICU) and Cerebral Fluid Devices
NCPD (CE) per Lesson: 1.15 Est. Seat Time per Lesson: 69.2

ICU: Caring for Patients With Neurologic Disorders: Part 2

Lessons

- Ischemic Stroke
NCPD (CE) per Lesson: 0.91 Est. Seat Time per Lesson: 54.67
- Hemorrhagic Stroke
NCPD (CE) per Lesson: 1.46 Est. Seat Time per Lesson: 88
- Traumatic Brain Injury and Spinal Cord Injuries
NCPD (CE) per Lesson: 1.51 Est. Seat Time per Lesson: 90.33
- "Other Pathological Conditions (Seizures and CNS Infections) Status Epilepticus (ICU only)"
NCPD (CE) per Lesson: 0.56 Est. Seat Time per Lesson: 33.33

ICU: Caring for Patients With Gastrointestinal Disorders

Lessons

- Diagnostic Testing
NCPD (CE) per Lesson: 0.23 Est. Seat Time per Lesson: 13.5
- Acute GI Bleeding
NCPD (CE) per Lesson: 0.75 Est. Seat Time per Lesson: 45
- Liver Failure
NCPD (CE) per Lesson: 0.89 Est. Seat Time per Lesson: 53.4

- Intra-abdominal Hypertension (ICU)
NCPD (CE) per Lesson: 0.75 Est. Seat Time per Lesson: 45.3
- Acute Pancreatitis
NCPD (CE) per Lesson: 0.58 Est. Seat Time per Lesson: 35.2
- Bowel Ischemia/Infarction, Ileus/Obstruction and Abdominal Trauma
NCPD (CE) per Lesson: 0.64 Est. Seat Time per Lesson: 38.67
- Enteral and Parenteral Nutritional Support
NCPD (CE) per Lesson: 0.82 Est. Seat Time per Lesson: 49.2

ICU: Caring for Patients With Renal Disorders: Part 1

Lessons

- Assessing Kidney Function
NCPD (CE) per Lesson: 0.93 Est. Seat Time per Lesson: 56
- Fluid and Electrolytes
NCPD (CE) per Lesson: 1.42 Est. Seat Time per Lesson: 85.43
- Acute Kidney Injury, Acute Tubular Necrosis and Contrast-Induced AK
NCPD (CE) per Lesson: 1.07 Est. Seat Time per Lesson: 64.29
- Chronic Kidney Disease, Hemodialysis, Peritoneal Dialysis
NCPD (CE) per Lesson: 0.82 Est. Seat Time per Lesson: 49.43

ICU: Caring for Patients With Renal Disorders: Part 2 Continuous Renal Replacement Therapy (CRRT) ICU only

Lessons

- CRRT: Principles; Patient, Filter and Circuit Maintenance
NCPD (CE) per Lesson: 1.21 Est. Seat Time per Lesson: 72.8
- Assessing, Managing and Preventing Complications in Patients Undergoing CRRT
NCPD (CE) per Lesson: 1.62 Est. Seat Time per Lesson: 97.5

ICU: Caring for Patients With Endocrine Disorders

Lessons

- Endocrine System Assessment
NCPD (CE) per Lesson: 0.93 Est. Seat Time per Lesson: 55.67
- Diabetes, Hypoglycemia, DKA and Hyperosmolar Hyperglycemic Syndrome (HHS)
NCPD (CE) per Lesson: 1.85 Est. Seat Time per Lesson: 111.5
- Diabetes Insipidus, SIADH and Cerebral Salt Wasting
NCPD (CE) per Lesson: 0.83 Est. Seat Time per Lesson: 50
- Hyper/Hypothyroidism
NCPD (CE) per Lesson: 0.5 Est. Seat Time per Lesson: 30.33

- Managing Hyperglycemia
NCPD (CE) per Lesson: 0.62 Est. Seat Time per Lesson: 37.33

ICU: Caring for Patients With Hematologic Disorders

Lessons

- Hematologic and Coagulation Lab Values
NCPD (CE) per Lesson: 0.86 Est. Seat Time per Lesson: 51.75
- Thrombocytopenia, HIT, DIC
NCPD (CE) per Lesson: 0.97 Est. Seat Time per Lesson: 58
- Anemia, VTE and Drug-Induced Coagulopathies
NCPD (CE) per Lesson: 0.73 Est. Seat Time per Lesson: 43.5
- Transfusion Therapy Management
NCPD (CE) per Lesson: 0.58 Est. Seat Time per Lesson: 35.2

ICU: Caring for Patients With Multisystem Disorders

Lessons

- Shock: Hypovolemic, Cardiogenic, Obstructive, Neurogenic, Anaphylactic
NCPD (CE) per Lesson: 1.67 Est. Seat Time per Lesson: 100
- SIRS, Sepsis, Septic Shock, MODS ICU only
NCPD (CE) per Lesson: 1.88 Est. Seat Time per Lesson: 113.33
- Behavioral
NCPD (CE) per Lesson: 0.97 Est. Seat Time per Lesson: 58
- Necrotizing Fasciitis and Rhabdomyolysis
NCPD (CE) per Lesson: 0.85 Est. Seat Time per Lesson: 50.8

PCU: Global Perspectives in the Care of Critically Ill Patients: Part 1

Lessons

- Professional Critical Care Nursing Practice
NCPD (CE) per Lesson: 0.99 Est. Seat Time per Lesson: 59.83
- Frameworks for Professional Nursing Practice
NCPD (CE) per Lesson: 1.42 Est. Seat Time per Lesson: 85.167
- Older Adults and Bariatric Populations
NCPD (CE) per Lesson: 1.13 Est. Seat Time per Lesson: 68.2

PCU: Global Perspectives in the Care of Critically Ill Patients: Part 2

Lessons

- Pain, Agitation and Delirium
NCPD (CE) per Lesson: 1.01 Est. Seat Time per Lesson: 60.5
- Healthcare-Associated Complications & Other Complications of Critical Illness
NCPD (CE) per Lesson: 0.74 Est. Seat Time per Lesson: 44.28
- Prioritizing and Organizing Care
NCPD (CE) per Lesson: 0.81 Est. Seat Time per Lesson: 48.5
- Procedural Sedation, Post-Anesthesia Recovery (ICU)
NCPD (CE) per Lesson: 1.07 Est. Seat Time per Lesson: 64.2
- Palliative and End-of-Life Care
NCPD (CE) per Lesson: 0.78 Est. Seat Time per Lesson: 46.67

PCU: Caring for Patients With Cardiovascular Disorders: Part 1

Lessons

- Assessing the Cardiovascular System
NCPD (CE) per Lesson: 0.99 Est. Seat Time per Lesson: 59.5
- Diagnosis Acute Coronary Syndrome (ACS)
NCPD (CE) per Lesson: 1.04 Est. Seat Time per Lesson: 62.3
- Treating ACS: STEMI, NonSTEMI, Unstable Angina
NCPD (CE) per Lesson: 0.66 Est. Seat Time per Lesson: 39.5
- Pulmonary Edema, RVMI, Cardiogenic Shock and ACS Complications
NCPD (CE) per Lesson: 0.76 Est. Seat Time per Lesson: 46
- Noninvasive and Invasive Cardiac Procedures: Pre- and Post-Care
NCPD (CE) per Lesson: 0.77 Est. Seat Time per Lesson: 46.5

PCU: Caring for Patients With Cardiovascular Disorders: Part 2

Lessons

- Cardiac Tamponade, HTN Crisis, Cardiac Inflammatory Diseases, ICU-Only Septal Defects
NCPD (CE) per Lesson: 1 Est. Seat Time per Lesson: 60
- Aortic Aneurysm, Dissection and Repair; Carotid Artery Stenosis and Peripheral Vascular Disease
NCPD (CE) per Lesson: 1.14 Est. Seat Time per Lesson: 68.67
- Pacemakers and ICDs
NCPD (CE) per Lesson: 1.24 Est. Seat Time per Lesson: 74.5
- Long QT Syndrome, EP Studies, RFA, Cardioversion and Defibrillation
NCPD (CE) per Lesson: 0.79 Est. Seat Time per Lesson: 47.5

PCU: Caring for Patients With Cardiovascular Disorders: Part 3

Lessons

- Cardiomyopathies
NCPD (CE) per Lesson: 0.94 Est. Seat Time per Lesson: 56.25

- Heart Failure
NCPD (CE) per Lesson: 1.08 Est. Seat Time per Lesson: 64.75
- Stenosis or Regurgitation of the Aortic and Mitral Valves
NCPD (CE) per Lesson: 1.13 Est. Seat Time per Lesson: 68.5

PCU: Caring for Patients With Cardiovascular Disorders: Part 4

Lessons

- Cardiac Surgery: Preoperative and Intraoperative Management
NCPD (CE) per Lesson: 1.01 Est. Seat Time per Lesson: 60.67
- Postoperative Management: First 24 Hours to Discharge
NCPD (CE) per Lesson: 0.78 Est. Seat Time per Lesson: 47
- Transcatheter Aortic Valve Replacement (TAVR)
NCPD (CE) per Lesson: 0.63 Est. Seat Time per Lesson: 37.67

PCU: Caring for Patients With Pulmonary Disorders: Part 1

Lessons

- Assessment, Diagnostics and Monitoring
NCPD (CE) per Lesson: 1.04 Est. Seat Time per Lesson: 65.6
- Managing Oxygenation and Ventilation (ABGs, O₂ Delivery, Airway Management; Noninvasive Positive Pressure Ventilation)
NCPD (CE) per Lesson: 1.01 Est. Seat Time per Lesson: 60.67
- PE, Pulmonary HTN, Pneumonia, Asthma/Status Asthmaticus and COPD
NCPD (CE) per Lesson: 1.15 Est. Seat Time per Lesson: 69.5
- Respiratory Failure and ARDS
NCPD (CE) per Lesson: 0.73 Est. Seat Time per Lesson: 44.2
- Pneumothorax and Hemothorax, Pleural Effusions, Chest Tubes and Thoracentesis
NCPD (CE) per Lesson: 0.9 Est. Seat Time per Lesson: 55
- Thoracic Surgery, Thoracotomy and Pneumonectomy
NCPD (CE) per Lesson: 0.64 Est. Seat Time per Lesson: 38.4

PCU: Caring for Patients With Pulmonary Disorders: Part 2

Lessons

- Mechanical Ventilation: Intubation, Trach Care, Settings and Troubleshooting
NCPD (CE) per Lesson: 1.74 Est. Seat Time per Lesson: 104.5
- SAT and SBT, Neuromuscular Blockade (ICU), Ventilator Weaning, Extubation and Preventing Complications
NCPD (CE) per Lesson: 1.71 Est. Seat Time per Lesson: 102.75

PCU: Hemodynamic Monitoring of Critically Ill Patients: Part 1

Lessons

- Basics of Hemodynamic Monitoring
NCPD (CE) per Lesson: 0.96 Est. Seat Time per Lesson: 57.5
- Arterial Pressure Monitoring
NCPD (CE) per Lesson: 1.64 Est. Seat Time per Lesson: 98.5
- Central Venous Catheters
NCPD (CE) per Lesson: 1.5 Est. Seat Time per Lesson: 94.5

PCU: Hemodynamic Monitoring of Critically Ill Patients: Part 2

Lessons

- Cardiac Output, Functional and Invasive CO Monitoring
NCPD (CE) per Lesson: 0.93 Est. Seat Time per Lesson: 55.5
- Assessing Oxygen Demand and Supply; Treating Imbalances
NCPD (CE) per Lesson: 1.1 Est. Seat Time per Lesson: 66.5
- Pharmacologic Management: Preload, Afterload and Contractility Management
NCPD (CE) per Lesson: 2.76 Est. Seat Time per Lesson: 166

PCU: Caring for Patients With Neurologic Disorders: Part 1

Lessons

- Neurologic Assessment Techniques
NCPD (CE) per Lesson: 1.29 Est. Seat Time per Lesson: 77.75
- "Increased Intracranial Pressure Assessment, Brain Herniation and Death by Neurologic Criteria (ICU)"
NCPD (CE) per Lesson: 0.76 Est. Seat Time per Lesson: 46
- Neurologic Diagnostic Testing, Imaging and Lab Value Assessment
NCPD (CE) per Lesson: 0.68 Est. Seat Time per Lesson: 40.75
- ICP Monitoring, Waveform Analysis (ICU) and Cerebral Fluid Devices
NCPD (CE) per Lesson: 0.72 Est. Seat Time per Lesson: 43

PCU: Caring for Patients With Neurologic Disorders: Part 2

Lessons

- Ischemic Stroke
NCPD (CE) per Lesson: 0.91 Est. Seat Time per Lesson: 54.67
- Hemorrhagic Stroke
NCPD (CE) per Lesson: 1.46 Est. Seat Time per Lesson: 88
- Traumatic Brain Injury and Spinal Cord Injuries
NCPD (CE) per Lesson: 1.5 Est. Seat Time per Lesson: 90.33
- "Other Pathological Conditions (Seizures and CNS Infections) Status Epilepticus (ICU only)"
NCPD (CE) per Lesson: 0.55 Est. Seat Time per Lesson: 33.33

PCU: Caring for Patients With Gastrointestinal Disorders

Lessons

- Diagnostic Testing
NCPD (CE) per Lesson: 0.51 Est. Seat Time per Lesson: 30.8
- Acute GI Bleeding
NCPD (CE) per Lesson: 0.56 Est. Seat Time per Lesson: 33.75
- Liver Failure
NCPD (CE) per Lesson: 0.87 Est. Seat Time per Lesson: 52.5
- Acute Pancreatitis
NCPD (CE) per Lesson: 0.73 Est. Seat Time per Lesson: 44
- Bowel Ischemia/Infarction, Ileus/Obstruction and Abdominal Trauma
NCPD (CE) per Lesson: 0.67 Est. Seat Time per Lesson: 40
- Enteral and Parenteral Nutritional Support
NCPD (CE) per Lesson: 0.99 Est. Seat Time per Lesson: 59.2

PCU: Caring for Patients With Renal Disorders: Part 1

Lessons

- Assessing Kidney Function
NCPD (CE) per Lesson: 0.93 Est. Seat Time per Lesson: 56
- Fluid and Electrolytes
NCPD (CE) per Lesson: 1.42 Est. Seat Time per Lesson: 85.43
- Acute Kidney Injury, Acute Tubular Necrosis and Contrast-Induced AK
NCPD (CE) per Lesson: 1.07 Est. Seat Time per Lesson: 64.29
- Chronic Kidney Disease, Hemodialysis, Peritoneal Dialysis
NCPD (CE) per Lesson: 0.82 Est. Seat Time per Lesson: 49.43

PCU: Caring for Patients With Endocrine Disorders

Lessons

- Endocrine System Assessment
NCPD (CE) per Lesson: 0.93 Est. Seat Time per Lesson: 55.67
- Diabetes, Hypoglycemia, DKA and Hyperosmolar Hyperglycemic Syndrome (HHS)
NCPD (CE) per Lesson: 1.85 Est. Seat Time per Lesson: 111.5
- Diabetes Insipidus, SIADH and Cerebral Salt Wasting
NCPD (CE) per Lesson: 0.83 Est. Seat Time per Lesson: 50
- Hyper/Hypothyroidism
NCPD (CE) per Lesson: 0.5 Est. Seat Time per Lesson: 30.33
- Managing Hyperglycemia
NCPD (CE) per Lesson: 0.62 Est. Seat Time per Lesson: 37.33

PCU: Caring for Patients With Hematologic Disorders

Lessons

- Hematologic and Coagulation Lab Values
NCPD (CE) per Lesson: 0.86 Est. Seat Time per Lesson: 51.75
- Thrombocytopenia, HIT, DIC
NCPD (CE) per Lesson: 0.97 Est. Seat Time per Lesson: 58
- Anemia, VTE and Drug-Induced Coagulopathies
NCPD (CE) per Lesson: 0.73 Est. Seat Time per Lesson: 43.5
- Transfusion Therapy Management
NCPD (CE) per Lesson: 0.58 Est. Seat Time per Lesson: 35.2

PCU: Caring for Patients With Multisystem Disorders

Lessons

- Shock: Hypovolemic, Cardiogenic, Obstructive, Neurogenic, Anaphylactic
NCPD (CE) per Lesson: 1.08 Est. Seat Time per Lesson: 65
- SIRS, Sepsis, Septic Shock, MODS ICU only
NCPD (CE) per Lesson: 1.25 Est. Seat Time per Lesson: 75
- Behavioral
NCPD (CE) per Lesson: 0.58 Est. Seat Time per Lesson: 35
- Necrotizing Fasciitis and Rhabdomyolysis
NCPD (CE) per Lesson: 0.78 Est. Seat Time per Lesson: 47

CHA: Essentials of Neonatal Critical Care Orientation (ENCCO)

Elsevier has partnered with the Children's Hospital Association (CHA) to enhance clinician confidence and competence in caring for neonates, infants, and children. Three CHA courses (ENCCO, EPCCO, and EPACO) offer specialized education and training for use alone or as a collection. ENCCO is a comprehensive online NICU program which ensures learners receive evidence-based, NCPD (CE)-approved, standardized education to build the knowledge and skills necessary for managing the complexities of neonatal care.

Target Audience - New graduate nurses or clinicians new to the NICU

NCPD (CE) Providers - JAICE

NCPD (CE) Hours - 16.5 hours/CNE credits (5.0 CRCE credits, 1.75 CME credits)

Total Lessons - 25

Lessons

Patient Care

Lessons

- Comprehensive Assessment of the Neonate
- Developmental Care of the Newborn
- Extrauterine Life: Assessment of the Neonate's Transition
- Extrauterine Life: Fetal to Neonatal Circulation
- Family-Centered Care In the NICU
- Maternal Factors Affecting the Newborn
- Neonatal Abstinence Syndrome
- Neonatal Nutrition
- Neonatal Pain Assessment and Management
- Neonatal Pharmacokinetics
- Neonatal Skin Care
- Thermoregulation of the Newborn Infant

Neonatal Vascular Access

Lessons

- Central Lines in the Neonate

Pulmonary Care

Lessons

- Apnea of Prematurity
- Bronchopulmonary Dysplasia
- Meconium Aspiration Syndrome
- Neonatal Respiratory Distress Syndrome
- Pneumothorax in the Neonate
- Transient Tachypnea of the Newborn

Neurology

Lessons

- Neonatal Cranial Hemorrhage
- Neonatal Seizures

Infectious Diseases and Management

Lessons

- Neonatal Sepsis

Endocrine

Lessons

- Glucose Homeostasis In the Neonate
- Hyperbilirubinemia
- Metabolic Disorders of the Newborn

CHA: Essentials of Pediatric Critical Care Orientation (EPCCO)

Elsevier has partnered with the Children's Hospital Association (CHA) to enhance clinician confidence and competence in caring for neonates, infants, and children. Three CHA courses (ENCCO, EPCCO, and EPACO) offer specialized education and training for use alone or as a collection. EPCCO provides evidence-based, NCPD (CE)-approved, standardized online education to prepare clinicians for the physical, developmental, and emotional complexities of caring for critically ill pediatric patients.

Target Audience - Pediatric ICU nurses, respiratory therapists, CVICU and/or ED clinicians, and other onboarding clinicians.

NCPD (CE) Providers - JAICE

NCPD (CE) Hours - 26.5 hours/CNE credits (11.0 CRCE credits, 1.7 CME credits)

Total Lessons - 34

Lessons

Patient Care

Lessons

- Assessment of the Critically Ill Child
- Basic Principles of Oxygen Therapy, Specialty Gases and Noninvasive Ventilation
- Family-Centered Care in the ICU
- Nutrition in the Critically Ill Child
- Sedation and Analgesia in the ICU

Cardiovascular Care

Lessons

- Acquired Heart Disease in Children
- Congenital Heart Disease: Acyanotic Defects
- Congenital Heart Disease: An Overview
- Congenital Heart Disease: Cyanotic Defects
- Congestive Heart Failure
- Hemodynamic Monitoring
- Vasoactive Medications
- Caring for the Pediatric Patient in Shock

Pulmonary Care

Lessons

- Acute Respiratory Distress Syndrome
- Advanced Concepts in Respiratory Physiology
- Introduction to Arterial Blood Gas Interpretation
- Mechanical Ventilation: Introduction to Pediatric Practices
- Pulmonary Arterial Hypertension
- Status Asthmaticus
- Understanding Abnormal Blood Gases

Neurology/Neurosurgery

Lessons

- Hydrocephalus
- Intracranial Pressure Monitoring and Management
- Meningitis and Encephalitis
- Craniotomy

Infection Control

Lessons

- Preventing Ventilator-Associated Pneumonia

Trauma

Lessons

- Pediatric Abdominal Trauma
- Pediatric Orthopedic Trauma
- Pediatric Spinal Column/Cord Injuries
- Pediatric Thoracic Trauma
- Pediatric Toxicology Exposure
- Pediatric Traumatic Brain Injury

Endocrine and Hematology

Lessons

- Diabetes Insipidus and SIADH

- Diabetic Ketoacidosis
- Disseminated Intravascular Coagulation
- Hemodialysis

CHA: Essentials of Pediatric Acute Care Orientation (EPACO)

Elsevier has partnered with the Children's Hospital Association (CHA) to enhance clinician confidence and competence in caring for neonates, infants, and children. Three CHA courses (ENCCO, EPCCO, and EPACO) offer specialized education and training for use alone or as a collection. EPACO is a comprehensive online program that ensures learners receive evidence-based, NCPD (CE)-approved, standardized education focused on the specifics of pediatric acute care. The course helps learners develop the clinical judgment necessary to manage and deliver quality care to their patients.

Target Audience - New clinicians and those transitioning to pediatric acute care

NCPD (CE) Providers - JAICE

NCPD (CE) Hours - 24 hours/CNE (4.0 CRCE credits, 3.75 CME credits)

Total Lessons - 37

Lessons

Patient Care

Lessons

- Age-Specific Care for Adolescents
- Age-Specific Care for Adults
- Age-Specific Care for Infants
- Age-Specific Care for Newborns
- Age-Specific Care for Preschoolers
- Age-Specific Care for School-Age Children
- Age-Specific Care for Toddlers
- Clinical Delegation
- Management of Peripheral IV Complications in the Pediatric Patient
- Pediatric Peripheral IV Care & Management
- Pediatric Nutrition Overview
- Pediatric Restraint and Seclusion
- Preventing Pediatric Falls

Patient Assessment

Lessons

- Pediatric Assessment: Performing a Head-to-Toe Assessment
- Pediatric Assessment: The Cardiovascular System

- Pediatric Assessment: The Gastrointestinal System
- Pediatric Assessment: The Genitourinary System
- Pediatric Assessment: The Integumentary System
- Pediatric Assessment: The Musculoskeletal System
- Pediatric Assessment: The Neurological System
- Pediatric Assessment: The Respiratory System

Pressure Injuries Assessment & Management

Lessons

- Introduction to Pediatric Pressure Injuries
- Pressure Injury Staging Assessment
- Pressure Injuries in the Pediatric Population: Staging and Care

Medication Management

Lessons

- Basic Medication Calculation
- High-Alert Medications
- Medication Error Reduction

Family-Centered Care

Lessons

- Child Abuse and Neglect
- Intimate Partner Violence
- Health Care Advance Directives: Communicating Wishes
- Introduction to Ethics
- Therapeutic Relationships and Professional Behavior

Pain Assessment & Management

Lessons

- Pain Management: Assessment of Pain
- Pain Management: Non-Pharmacological Therapies in the Management of Pediatric Pain
- Pain Management: Pain Pathophysiology
- Pain Management: Pharmacological Management of Pediatric Pain

Nursing Continuing Professional Development (CE)

Our learners have a number of educational opportunities to advance their careers through online continuing education both at home and at work. Our course content consists of expert-authored lessons designed specifically for busy healthcare professionals. The following is a listing of the accredited continuing education providers that award the NCPD (CE) credit and the organizations that approve courses for credit:



The American Association of Critical-Care Nurses (AACN) is accredited as a provider of continuing nursing education (CNE) by the American Nurses Credentialing Center's Commission on Accreditation. AACN has been approved as a provider of continuing education in nursing by the State Boards of Nursing of Alabama (#ABNP0062), Louisiana (#12) and California (#01036). AACN programming meets the standards for most other states requiring mandatory continuing education credit for relicensure.



Accredited Provider with Distinction from the American Nurses Credentialing Center – Elsevier is accredited with distinction as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.