

ECCO Module Content Overview

#	Module Title	Topics Covered
1	Global Perspectives in the Care of Critically Ill Patients: Part 1	Assignment 1: Professional Nursing Practice Assignment 2: Frameworks for Practice Assignment 3: Special Populations
2	Global Perspectives in the Care of Critically Ill Patients: Part 2	Assignment 1: Pain, Agitation and Delirium Assignment 2: Preventing Complications of Critical Illness Assignment 3: Prioritizing and Organizing Care Assignment 4: Special Situations Assignment 5: Palliative and End-of-Life Care
3	Caring for Patients With Cardiovascular Disorders: Part 1	Assignment 1: Assessing the Cardiovascular System Assignment 2: Diagnosing Acute Coronary Syndrome (ACS) Assignment 3: Treating Patients with STEMI, Non-STEMI or UA Assignment 4: Complications Assignment 5: Cardiac Procedures
4	Caring for Patients With Cardiovascular Disorders: Part 2	Assignment 1: Cardiovascular Disorders Assignment 2: Vascular Disorders Assignment 3: Pacemakers and ICDs Assignment 4: Electrophysiology
5	Caring for Patients With Cardiovascular Disorders: Part 3	Assignment 1: Cardiomyopathies Assignment 2: Heart Failure Assignment 3: Valvular Heart Disease
6	Caring for Patients With Cardiovascular Disorders: Part 4	Assignment 1: Types and Indications for Cardiac Surgery Assignment 2: Postoperative Management of Patients Undergoing Cardiovascular Surgical Procedures Assignment 3: Transcatheter Aortic Valve Replacement (TAVR)

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7	Caring for Patients With Pulmonary Disorders: Part 1	<p>Assignment 1: Assessment, Diagnostics, and Monitoring</p> <p>Assignment 2: Arterial Blood Gas (ABG) Analysis and Managing Oxygenation</p> <p>Assignment 3: Pulmonary Disorders</p> <p>Assignment 4: Respiratory Failure and Acute Respiratory Distress Syndrome (ARDS)</p> <p>Assignment 5: Pleural Space Abnormalities and Therapeutic Interventions</p> <p>Assignment 6: Thoracic Surgical Procedures</p>
8	Caring for Patients With Pulmonary Disorders: Part 2	<p>Assignment 1: Invasive Ventilation</p> <p>Assignment 2: Managing the Ventilated Patient</p>
9	Hemodynamic Monitoring of Critically Ill Patients: Part 1	<p>Assignment 1: Basics of Hemodynamic Monitoring Systems</p> <p>Assignment 2: Arterial Pressure Monitoring</p> <p>Assignment 3: Central Venous Catheters</p>
10	Hemodynamic Monitoring of Critically Ill Patients: Part 2	<p>Assignment 1: Pulmonary Artery (PA) Catheters (ICU only)</p> <p>Assignment 2: Cardiac Output Monitoring</p> <p>Assignment 3: Oxygen and Transport</p> <p>Assignment 4: Pharmacological Management of Hemodynamics</p>
11	Caring for Patients With Neurologic Disorders: Part 1	<p>Assignment 1: Special Neurological Assessment Techniques</p> <p>Assignment 2: Intracranial Pressure and Brain Herniation</p> <p>Assignment 3: Diagnostic Testing</p> <p>Assignment 4: Neurologic Monitoring (content both ICU/PCU but PCU not tested on waveform interpretation)</p>
12	Caring for Patients With Neurologic Disorders: Part 2	<p>Assignment 1: Ischemic Stroke</p> <p>Assignment 2: Hemorrhagic Stroke</p> <p>Assignment 3: Traumatic Brain and Spinal Cord Injuries</p> <p>Assignment 4: Other Pathological Conditions</p>

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13	Caring for Patients With Gastrointestinal Disorders	<p>Assignment 1: Diagnostic Testing</p> <p>Assignment 2: Acute GI Bleeding</p> <p>Assignment 3: Liver Failure</p> <p>Assignment 4: Acute Pancreatitis</p> <p>Assignment 5: Intra-Abdominal Hypertension (IAH) (ICU only)</p> <p>Assignment 6: Other Pathologies</p> <p>Assignment 7: Nutritional Support for Critically Ill Patients</p>
14	Caring for Patients With Renal Disorders: Part 1	<p>Assignment 1: Assessment</p> <p>Assignment 2: Fluid and Electrolyte Disturbances</p> <p>Assignment 3: Acute Kidney Injury (AKI)</p> <p>Assignment 4: Chronic Kidney Disease</p>
15	Caring for Patients With Renal Disorders: Part 2	<p>Assignment 1: Common Considerations in CRRT (ICU only)</p> <p>Assignment 2: Types and Complications of CRRT (ICU only)</p>
16	Caring for Patients With Endocrine Disorders	<p>Assignment 1: Endocrine System Assessment</p> <p>Assignment 2: Diabetes and Complications</p> <p>Assignment 3: Pituitary Disorders and CSW</p> <p>Assignment 4: Thyroid and Parathyroid Disorders</p> <p>Assignment 5: Adrenal Disorders</p> <p>Assignment 6: Managing Hyperglycemia in Critical Illness</p>
17	Caring for Patients With Hematologic Disorders	<p>Assignment 1: Diagnostic Testing</p> <p>Assignment 2: Thrombocytopenias</p> <p>Assignment 3: Pathologic Conditions: Procedures/Treatments</p> <p>Assignment 4: Transfusion and Complications</p>
18	Caring for Patients With Multisystem	Assignment 1: Shock

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	Disorders	Assignment 2: SIRS, Sepsis and MODS Continuum (MODS is ICU only) Assignment 3: Behavioral Assignment 4: Necrotizing Fasciitis and Rhabdomyolysis
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