



03 Introduction to Critical Care

Total Number of Sessions 124

01 General principles

Date Completed

Quicklink Code

01 Recognition of the critically ill patient and role of intensive

03_01_01	Predictors of critical illness and scoring systems	/ /	<input type="checkbox"/>	001-0244
03_01_02	Critical Care Outreach Services	/ /	<input type="checkbox"/>	001-0245
03_01_03	Benefits of HDU/ICU and common causes of admission	/ /	<input type="checkbox"/>	001-0246
03_01_04	Overview of organ support	/ /	<input type="checkbox"/>	001-0247
03_01_05	Overview of monitoring in Critical Care	/ /	<input type="checkbox"/>	001-0248
03_01_06	Severity scoring and outcome from ICU	/ /	<input type="checkbox"/>	001-0249
03_01_07	The ICU record	/ /	<input type="checkbox"/>	001-0250

02 Arterial cannulation and blood gas analysis

03_02_01	Indications and Complications of Arterial Lines	/ /	<input type="checkbox"/>	001-0251
03_02_02	Technique (and routes) of insertion	/ /	<input type="checkbox"/>	001-0252
03_02_03	Arterial pressure monitoring	/ /	<input type="checkbox"/>	001-0253
03_02_04	Blood gas analysis Respiratory disorders	/ /	<input type="checkbox"/>	001-0254
03_02_05	Blood gas analysis Metabolic disorders	/ /	<input type="checkbox"/>	001-0255

03 Central venous cannulation

03_03_01	Indications for central venous cannulation	/ /	<input type="checkbox"/>	001-0256
03_03_02	Complications of central venous cannulation	/ /	<input type="checkbox"/>	001-0257
03_03_03	Technique of insertion and routes	/ /	<input type="checkbox"/>	001-0258
03_03_04	Ultrasound guided central venous access	/ /	<input type="checkbox"/>	001-0259
03_03_05	Central venous pressure monitoring	/ /	<input type="checkbox"/>	001-0260
03_03_06	Venous blood gases analysis	/ /	<input type="checkbox"/>	001-0261

04 Ventilatory support

03_04_01	Oxygen Therapy	/ /	<input type="checkbox"/>	001-0262
03_04_02	Non Invasive Respiratory Support	/ /	<input type="checkbox"/>	001-0263
03_04_03	Ventilation - Basic Modes 1	/ /	<input type="checkbox"/>	001-0264
03_04_04	Ventilation - Basic Modes 2	/ /	<input type="checkbox"/>	001-0265
03_04_05	Initial settings (post op)	/ /	<input type="checkbox"/>	001-0266
03_04_06	Ventilation in ALI	/ /	<input type="checkbox"/>	001-0267
03_04_07	Sedatives in ICU	/ /	<input type="checkbox"/>	001-0268
03_04_08	Analgesia and the intensive care unit	/ /	<input type="checkbox"/>	001-0269
03_04_09	Muscle relaxants in ICU	/ /	<input type="checkbox"/>	001-0270
03_04_10	Management of sedation in ICU	/ /	<input type="checkbox"/>	001-0271
03_04_11	Complications of mechanical ventilation	/ /	<input type="checkbox"/>	001-0272
03_04_12	Clinical management of mechanical ventilation 1	/ /	<input type="checkbox"/>	001-0273
03_04_13	Clinical management of mechanical ventilation 2	/ /	<input type="checkbox"/>	001-0274
03_04_14	Weaning from mechanical ventilation	/ /	<input type="checkbox"/>	001-0275
03_04_15	Monitoring respiratory function in ICU	/ /	<input type="checkbox"/>	001-0276



05 Tracheostomy

03_05_01	Tracheostomy: Indications and Technique	/	/	<input type="checkbox"/>	001-0277
03_05_02	Management of tracheostomy	/	/	<input type="checkbox"/>	001-0278
03_05_03	Types of tracheostomy tube	/	/	<input type="checkbox"/>	001-0279

06 General care of the ICU patient

03_06_01	Thromboprophylaxis in the Critically Ill	/	/	<input type="checkbox"/>	001-0280
03_06_02	Prevention of stress ulceration	/	/	<input type="checkbox"/>	001-0281
03_06_03	Common electrolyte disorders (Na)	/	/	<input type="checkbox"/>	001-0282
03_06_04	Common electrolyte disorders (K, Mg PO4)	/	/	<input type="checkbox"/>	001-0283
03_06_05	Diabetes and control of blood sugar	/	/	<input type="checkbox"/>	001-0284
03_06_06	Principles of nutrition in the critically ill	/	/	<input type="checkbox"/>	001-0285
03_06_07	Chest X Ray interpretation in ICU	/	/	<input type="checkbox"/>	001-0286

02 Clinical Problems in ICU

Date Completed	Quicklink Code
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07 Management of the post op patient

03_07_01	Indications for post op admission	/	/	<input type="checkbox"/>	001-0287
03_07_02	Surgical considerations in ICU	/	/	<input type="checkbox"/>	001-0288
03_07_03	Management of hypertension	/	/	<input type="checkbox"/>	001-0289
03_07_04	Post operative respiratory failure	/	/	<input type="checkbox"/>	001-0290

08 Hypotensive Patient

03_08_01	Assessment and Resuscitation of a Shocked Patient	/	/	<input type="checkbox"/>	001-0291
03_08_02	Classification of Shock	/	/	<input type="checkbox"/>	001-0292
03_08_03	Cardiac output monitoring I	/	/	<input type="checkbox"/>	001-0293
03_08_04	Cardiac output monitoring II	/	/	<input type="checkbox"/>	001-0294
03_08_05	Vasoactive agents (inotropes)	/	/	<input type="checkbox"/>	001-0295
03_08_06	Vasoactive agents (vasodilators and vasoconstrictors)	/	/	<input type="checkbox"/>	001-0296

09 Cardiogenic Shock

03_09_01	Management of Cardiogenic shock	/	/	<input type="checkbox"/>	001-0297
03_09_02	Myocardial infarction	/	/	<input type="checkbox"/>	001-0298
03_09_03	Heart failure	/	/	<input type="checkbox"/>	001-0299
03_09_04	Recognition of cardiac arrhythmias	/	/	<input type="checkbox"/>	001-0300
03_09_05	Management of arrhythmias	/	/	<input type="checkbox"/>	001-0301

10 Hypovolaemic shock

03_10_01	Recognition	/	/	<input type="checkbox"/>	001-0302
03_10_02	Management	/	/	<input type="checkbox"/>	001-0303
03_10_03	Fluids in hypovolaemic shock I	/	/	<input type="checkbox"/>	001-0304
03_10_04	Fluids in hypovolaemic shock II	/	/	<input type="checkbox"/>	001-0305
03_10_06	Dilutional coagulopathy	/	/	<input type="checkbox"/>	001-0306

11 Anaphylactic shock

03_11_01	Anaphylactic Shock: The Science	/	/	<input type="checkbox"/>	001-0307
03_11_02	Acute Management of Anaphylactic Shock	/	/	<input type="checkbox"/>	001-0308



12 The Oliguric Patient

03_12_01	Assessment, Differential diagnosis and investigation	/	/	<input type="checkbox"/>	001-0309
03_12_02	Prevention and Non-dialytic Management of Acute Kidney Injury in the Critically Ill	/	/	<input type="checkbox"/>	001-0310
03_12_03	Renal replacement therapies	/	/	<input type="checkbox"/>	001-0311
03_12_04	Drugs and renal failure	/	/	<input type="checkbox"/>	001-0312

13 The Breathless Patient

03_13_01	Hypoxaemic respiratory failure	/	/	<input type="checkbox"/>	001-0313
03_13_02	Hypercapnic respiratory failure	/	/	<input type="checkbox"/>	001-0314
03_13_03	Tension pneumothorax	/	/	<input type="checkbox"/>	001-0315
03_13_04	Acute asthma	/	/	<input type="checkbox"/>	001-0316
03_13_05	COPD/NIV	/	/	<input type="checkbox"/>	001-0317
03_13_06	Community acquired pneumonia	/	/	<input type="checkbox"/>	001-0318
03_13_07	Ventilator Associated Pneumonia	/	/	<input type="checkbox"/>	001-0319
03_13_08	Pulmonary embolism	/	/	<input type="checkbox"/>	001-0320

14 Clinical Scenarios

03_14_01	Ventilation problem	/	/	<input type="checkbox"/>	001-0321
03_14_02	Chronic obstructive pulmonary disease	/	/	<input type="checkbox"/>	001-0322
03_14_03	Post major surgery	/	/	<input type="checkbox"/>	001-0323
03_14_04	Liver disease	/	/	<input type="checkbox"/>	001-0324
03_14_05	Myocardial infarct	/	/	<input type="checkbox"/>	001-0325
03_14_06	Neurological failure	/	/	<input type="checkbox"/>	001-0326

03 Sepsis and MOF

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15 Patho-physiology

03_15_01	Definitions of sepsis	/	/	<input type="checkbox"/>	001-0327
03_15_02	Pathophysiology of sepsis and MOF	/	/	<input type="checkbox"/>	001-0328
03_15_03	Microbiology of common infections	/	/	<input type="checkbox"/>	001-0329
03_15_04	Nosocomial infections and Infection Control	/	/	<input type="checkbox"/>	001-0330

16 Organ Failure

03_16_01	ALI/ARDS	/	/	<input type="checkbox"/>	001-0331
03_16_02	Septic Shock	/	/	<input type="checkbox"/>	001-0332
03_16_03	Acute Kidney Injury	/	/	<input type="checkbox"/>	001-0333
03_16_04	Liver failure	/	/	<input type="checkbox"/>	001-0334
03_16_05	Haematological Problems in the Critically Ill	/	/	<input type="checkbox"/>	001-0335

17 Sepsis management

03_17_01	Assessment and Differential Diagnosis of Sepsis	/	/	<input type="checkbox"/>	001-0336
03_17_02	Sepsis Resuscitation	/	/	<input type="checkbox"/>	001-0337
03_17_03	Surviving sepsis campaign guidelines	/	/	<input type="checkbox"/>	001-0338
03_17_04	Vasoactive agents in sepsis	/	/	<input type="checkbox"/>	001-0339
03_17_05	Principles of antibiotic use	/	/	<input type="checkbox"/>	001-0340

04 Unconscious patient

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18 General principles

03_18_01	Assessment/resuscitation/differential diagnosis	/	/	<input type="checkbox"/>	001-0341
03_18_02	Examination of the unconscious patient (AVPU, GCS)	/	/	<input type="checkbox"/>	001-0342
03_18_03	Causes and Investigation of coma	/	/	<input type="checkbox"/>	001-0343
03_18_04	Care of the unconscious patient	/	/	<input type="checkbox"/>	001-0344
03_18_05	Management of seizures	/	/	<input type="checkbox"/>	001-0345

19 Head injury

03_19_01	Principles of the management of head injury	/	/	<input type="checkbox"/>	001-0346
03_19_02	Mechanisms and effects of raised intra-cranial pressure	/	/	<input type="checkbox"/>	001-0347
03_19_03	Methods of preventing the 'second insult' to the brain	/	/	<input type="checkbox"/>	001-0348
03_19_04	Anaesthesia in the HI patient	/	/	<input type="checkbox"/>	001-0349
03_19_05	Cervical spine injury	/	/	<input type="checkbox"/>	001-0350

20 Brain stem death

03_20_01	Brain stem death	/	/	<input type="checkbox"/>	001-0351
03_20_02	Organ donation and care of the organ donor	/	/	<input type="checkbox"/>	001-0352
03_20_03	Breaking bad news	/	/	<input type="checkbox"/>	001-0353

21 Poisoning

03_21_01	General Principles of Poisoning	/	/	<input type="checkbox"/>	001-0354
03_21_02	Management of common specific poisons	/	/	<input type="checkbox"/>	001-0355

05 Trauma

Date Completed	Quicklink Code
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22 Primary and secondary survey

03_22_01	The primary survey	/	/	<input type="checkbox"/>	001-0356
03_22_02	The secondary survey	/	/	<input type="checkbox"/>	001-0357
03_22_03	Airway management in trauma	/	/	<input type="checkbox"/>	001-0358
03_22_04	Management of spinal injuries	/	/	<input type="checkbox"/>	001-0359
03_22_05	Emergency surgical airway	/	/	<input type="checkbox"/>	001-0360

23 Life threatening injuries

03_23_01	Circulatory shock in trauma	/	/	<input type="checkbox"/>	001-0361
03_23_02	Life-threatening thoracic injury	/	/	<input type="checkbox"/>	001-0362
03_23_03	Seldinger pleural drain insertion	/	/	<input type="checkbox"/>	001-0363
03_23_04	Surgical pleural drain insertion	/	/	<input type="checkbox"/>	001-0364
03_23_05	Life threatening abdominal injury	/	/	<input type="checkbox"/>	001-0365

24 Patient transfer

03_24_01	Principles of safe transfer of patients	/	/	<input type="checkbox"/>	001-0366
03_24_02	Portable monitoring systems and ventilators	/	/	<input type="checkbox"/>	001-0367