

## Module 5a

### Pain

32 Sessions

Date  
Completed

#### 01 Anatomy of Nociceptive Pathway

05a\_01\_01 Anatomy of the ascending pain pathway / /

#### 02 Neurophysiology of Nociceptive Pathway

05a\_02\_01 Physiology of pain transmission / /

05a\_02\_02 Modulation and plasticity in the nociceptive system / /

#### 03 Pharmacological targets

05a\_03\_01 Peripheral nervous system / /

05a\_03\_02 Central nervous system / /

#### 04 Psychology

05a\_04\_01 Psychology aspects of acute pain / /

#### 05 Diagnostic features of pain

05a\_05\_01 Nociceptive pain / /

05a\_05\_02 Visceral pain / /

05a\_05\_03 Diagnostic features of neuropathic pain / /

#### 06 Assessment of pain severity

05a\_06\_01 Acute pain: History, examination and simple uni-dimensional tools / /

05a\_06\_02 Persistent pain presentation: history, examination and multidimensional tools / /

#### 07 Physical treatments

05a\_07\_01 Simple procedure and counter stimulation / /

#### 08 Pharmacology Treatments

05a\_08\_01 Step I: paracetamol - drug and mechanisms / /

05a\_08\_02 Step I: NSAIDs drugs and mechanisms, side effects and contraindications / /

05a\_08\_03 Step I: Inhalational analgesics / /

05a\_08\_04 Step I: Appropriate clinical use of simple analgesics / /

05a\_08\_05 Step II-III: Opioids - commonly available opioids / /

05a\_08\_06 Step II-III: Opioids - principles of opioid treatment / /

05a\_08\_07 Step II: Appropriate clinical use of weak opioid/paracetamol combinations / /

05a\_08\_08 Step III: Administration techniques – IV bolus, PRN, infusion / /

05a\_08\_09 Step III: Administration techniques – IV PCA / /

05a\_08\_10 Step III: Administration techniques - oral, intramuscular, subcutaneous, rectal, / /

05a\_08\_11 Step III: Administration techniques – epidural, intrathecal / /

05a\_08\_12 Adjuvant Pharmacology for Neuropathic Pain / /

#### 09 Analgesia strategy: overview

05a\_09\_01 Multi-modal analgesia / /

05a\_09\_02 Preventative vs. pre-emptive analgesia / /

#### 10 Acute Pain Service

05a\_10\_01 History, organisation and objectives / /

#### 11 Clinical Pain Scenarios

05a\_11\_01 Pain management - special circumstance, procedure specific / /

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05a_11_02	Elderly, cognitively impaired (blind, deaf), HDU/ITU	/	/	<input type="checkbox"/>
05a_11_03	Obstetric & paediatric analgesia	/	/	<input type="checkbox"/>
05a_11_04	Opioid users - abusers, chronic pain	/	/	<input type="checkbox"/>
05a_11_05	Renal/liver impairment, A/E, burns, sickle cell	/	/	<input type="checkbox"/>

## Module 5b

24 Sessions

# Regional Anaesthesia

Date  
Completed

### 01 Pharmacology

05b_01_01	The pharmacology of local anaesthetics Part 1	/	/	<input type="checkbox"/>
05b_01_02	The pharmacology of local anaesthetics Part 2	/	/	<input type="checkbox"/>
05b_01_03	Systemic local anaesthetic toxicity	/	/	<input type="checkbox"/>

### 02 Anatomy

05b_02_01	The clinical anatomy of the subarachnoid and epidural spaces	/	/	<input type="checkbox"/>
05b_02_02	The innervation of the trunk	/	/	<input type="checkbox"/>

### 03 Neuraxial techniques

05b_03_01	Spinals and epidurals: indications and contraindications	/	/	<input type="checkbox"/>
05b_03_02	Drugs used for neuraxial blocks	/	/	<input type="checkbox"/>
05b_03_03	Performing spinal and epidural injections	/	/	<input type="checkbox"/>
05b_03_04	Complications of spinals and epidurals	/	/	<input type="checkbox"/>
05b_03_05	Managing continuous postoperative neuraxial analgesia	/	/	<input type="checkbox"/>

### 04 Peripheral nerve blocks

05b_04_01	Drugs used in peripheral nerve blocks	/	/	<input type="checkbox"/>
05b_04_02	Indications and contraindications for/to peripheral nerve blocks (PNBs)	/	/	<input type="checkbox"/>
05b_04_03	Intravenous regional anaesthesia	/	/	<input type="checkbox"/>
05b_04_04	Finding nerves: clicks, paraesthesiae, nerve stimulation, LORTS and ultrasound	/	/	<input type="checkbox"/>
05b_04_05	Performing safe peripheral nerve blocks	/	/	<input type="checkbox"/>
05b_04_06	Complications of peripheral nerve blocks	/	/	<input type="checkbox"/>
05b_04_07	Continuous regional analgesia – peripheral nerve catheters	/	/	<input type="checkbox"/>
05b_04_08	Sample upper limb block: coracoid brachial plexus block	/	/	<input type="checkbox"/>
05b_04_09	Sample lower limb block: femoral nerve block	/	/	<input type="checkbox"/>
05b_04_10	Simple peripheral nerve blocks of the trunk	/	/	<input type="checkbox"/>

### 05 General considerations

05b_05_01	Consent for regional anaesthesia	/	/	<input type="checkbox"/>
05b_05_02	Sedation and general anaesthesia in combination with regional anaesthesia	/	/	<input type="checkbox"/>
05b_05_03	Practical regional anaesthesia I: which blocks for which operations?	/	/	<input type="checkbox"/>
05b_05_04	Practical regional anaesthesia II: managing failed or imperfect blocks	/	/	<input type="checkbox"/>