



# FACULTY OF PAIN MEDICINE

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## of the Royal College of Anaesthetists

### List of topics for trainees to prepare for Examination Tutorial Series:

- Epidemiology of acute, chronic and cancer pain and acute, chronic and cancer pain conditions
- Cultural, social and ethical aspects of pain medicine
- Psychology of pain and psychological interventions
- Addiction, physiological dependence and psychological tolerance
- Evidenced based pain medicine
- Consent, medicolegal issues and the use of drugs 'off licence'
- Principles, indications and management of complications of Intrathecal Drug Delivery and Spinal Cord Stimulation
- The role of neurosurgery and other surgery in pain medicine
- Principles of cancer pain management
- Assessment and management of pain in special patient groups eg communication difficulties
- Role of physiotherapy, occupational therapy and rehabilitation in pain medicine
- Research methodology
- Understanding placebo in research and role in clinical practice
- Anatomy and advanced principles of somatic neural blockade in the management of acute chronic and cancer pain with special reference to the spine
- Anatomy and advanced principles of sympathetic neural blockade
- Pharmacokinetics, pharmacodynamics, adverse effects (including interactions) and issues surrounding complication of drugs used in pain medicine to include local anesthetics, drugs used for neuropathic pain, NSAIDs and coxibs.

- Pharmacokinetics, pharmacodynamics, adverse effects of opioids to include tolerance/withdrawal/addiction/pseudoaddiction and long term consequences eg endocrine/OIH with rationale for use and guidelines
- Neurobiology of nociceptive pain
- Neurobiology of neuropathic pain, visceral pain.
- Neurobiology of peripheral and central sensitization inc central connections
- Neurobiology of cancer pain
- Physiology and anatomy of the sympathetic nervous system
- Assessment of pain
- Assessment tools
- Assessment management and outcomes of chronic pain disease states eg low back pain, fibromyalgia, widespread chronic pain, visceral pain, chronic post surgical pain, headache
- Anatomy relevant to pain medicine and interventions
- Imaging including safety aspects