

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY, CHENNAI
SYLLABUS FOR POST DOCTORAL FELLOWSHIP IN NERVE
BLOCK AND PAIN MANAGEMENT

The suggested Syllabus may be:

1. Pathophysiology of pain - Anatomy & Physiology of pain pathways.
2. Types of pains - acute/ chronic, nociceptive & neuropathic
3. Chronic pain mechanism
4. Management of pain by pharmacological methods
5. Management of pain by non-pharmacological methods
6. Interventional Management of pain
7. Clinical evaluation of pain
8. Pain assessment methods.
9. Role of physical Rehabilitation in pain management
10. Diagnostic methods / investigations of pain patients
11. Management of specific pain syndromes
12. Recent advances in pain management.
13. Psychological evaluation of pain
14. Setting up of acute pain service
15. Setting up of chronic pain management centre
16. Palliative medicine
17. Management of cancer pain
18. Medico legal aspect of pain management.
19. Nerve stimulator /Ultra sound / Fluoroscopy / CT basics
20. Radiological investigations
21. Radiation safety measures.

22. Nerve blocks/Regional techniques in special situations – Viz. : Regional anaesthesia for paediatrics- Regional anaesthesia for trauma - Regional anaesthesia for geriatrics-Regional anaesthesia in the obese patients - Regional anaesthesia for clinically ill patients - Regional anaesthesia for head and neck surgery- Regional anaesthesia for ophthalmology - Multimodal anaesthesia - Neuroaxial blocks - Continuous peripheral nerve blocks.
23. Regional anaesthesia education and research
24. Future in regional anaesthesia

Recommended text books:

1. Radiographic Imaging of Regional Anaesthesia and Interventional Techniques. Raj, P.P., Lou, L, Erdine S, Staats P. (Eds). (2002)
2. Textbook of Pain. Wall, P.D., & Melzack, R.(3rd ed.). Edinburgh, Churchill Livingstone.
3. Textbook on pain management, Muralidhar Joshi,(3rd Ed),institute of pain publications.
4. Interventional Pain Management A Practical Approach,DK.Baheti,Jaypee.
5. Interventional Pain Management Image Guided Procedures, 2nd edn,P.Raj, Elsevier.
6. Raj Practical Management Of Pain,4th edn,Mossy