

🔛 Asian Pain Academy

# **FELLOWSHIP IN PAIN MEDICINE**

Learn Step by Step in 6 months **Basic to Advanced Certificate in Pain Medicine** (with optional hands on workshop)







## **CONTACT US** +919432288997

To learn more, visit us at www.asianpainacademy.com





Asian Pain Academy is the official **POCUS Education Provider, Accredited** Training and Learning Partner, and a Global Leader in Ultrasound Education. Explore accredited courses from Pointof-Care Ultrasound (POCUS) **Certification Academy (POCUS) & the** Skill Development Council Canada, Please visit www.asianpainacademy.com





Skill Development Council Canada

# ASIAN PAIN ACADEMY FELLOWSHIP IN PAIN MEDICINE

(6 MONTH ONLINE BASIC TO ADVANCED CERTIFICATE IN PAIN MEDICINE, WITH OPTIONAL HANDS ON WORKSHOP)

## Why to Choose Asian Pain Academy Courses?

- Academic Excellence
- Inclusive Community
- Mobile Friendly Online Course
- State-of-the-Art Facilities
- Experienced Faculties
- Post-Class Weekly Self Assessment
- Weekly Live Classes & Demonstrations
- Every Wednesday 6:00 pm to 7:30 pm
- Recorded Class Available if You Miss Live Class

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Access Study Materials and Recorded Classes on Ultrasound Basics Before Live Sessions Begin!



## 🖄 Asian Pain Academy

## FELLOWSHIP IN PAIN MEDICINE

6 Month, Every Wednesday Hands-on Workshop (Optional)

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### Highlights: Pain Management Fellowship Program

- Learn Pain Medicine Step by Step From Basic to Advanced in 6 months.
- All Classes are live and interactive, you can ask your queries and clear your doubts.
- Mobile Friendly Platform for Easy Accessibility and Enhanced User Experience
- Class recordings are available for revision for the entire course duration and for those who cannot attend the live class.
- Interactive Learning Module An interactive module with detailed explanations will help you evaluate your progress after every class.
- History and clinical examination of the pain conditions.
- Live Demonstration of Fluro anatomy and Procedures on the mannequin.
- Live Demonstration of sono-anatomy on Volunteers.
- C-arm Guided and Ultrasound Guided Interventions for painful conditions.
- Picture in Picture Mode for better understanding.
- High-tech software for the best relay / Anatomy on 3D anatomy software
- Study materials will be provided.
- There will be a post-course evaluation.

### **Eligibility: Basic Pain Management Fellowship Programs**

### Who Can Join?

Anesthesiologist, Neuro-Medicine, PMR, Rheumatologist, Orthopedic, or MBBS doctor interested in learning the Pain Medicine

### Hands-On Learning Experience (OPTIONAL)

State-of-the-Art Techniques: Get hands-on with C-arm and ultrasound-guided interventions. Real-Time Practice: Experience demonstrations on mannequins and volunteers for practical insights.

### **Course Fee -**

Online Course Only - International \$ 550 ( ₹ 46,200/-) Indian and SAARC Countries ₹ 32000/-Online Course with Workshop - International \$ 850 (₹ 71,335.40) Indian and SAARC Countries ₹ 49000/-Online course with 4-day APA Hands-on Workshop on Pain Management Techniques & Interventions at the End of the Course. All Prices Inclusive of Applicable GST

**Refund Policy:** 

- 100% refund: Fees are refundable 1 month prior to the first class
- 50% refund: 15 days prior to the first class
- 25% refund: 7 days prior to the first class
- 0% refund: 2 days prior to the first class
- Under no circumstances can the fee be carried forward to the next course.



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### General:

### 1. Anatomy

- Overview of musculoskeletal, neuro, vascular, and spinal anatomy with focus on function and clinical relevance.
- 2. Physiology
- Pain pathways, mechanisms of chronic pain, muscle physiology, and stages of inflammation and healing.

### 3. Concepts & Approach to Pain Management

• Multidisciplinary care, patient assessment, biopsychosocial model, individualized treatment, and outcome tracking.





### 4. Basics of Ultrasound (USG)

Key principles of ultrasound, probe selection, image optimization, identifying landmarks, and managing artifacts.

### **5. Ultrasound-Guided Interventions**

Needle visualization techniques, indications for use, safety in nerve blocks, joint injections, and complication prevention.

### 6. Fluoroscopy & Radiation Safety

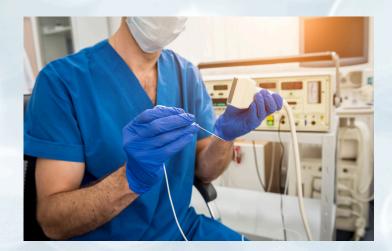
Fluoroscopy basics, radiation physics, safety protocols, clinical applications, and adherence to legal guidelines.

### 7. Basics of MRI Interpretation

Understanding MRI sequences, identifying normal vs. pathological findings, and correlating MRI results with clinical symptoms.

### 8. Radiofrequency (RF) Ablation

RF ablation principles, continuous vs. pulsed RF, indications, procedural techniques, and complication management.





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### Low Back Piain:

### 1. Evaluation of Back Pain with Clinical Examination

History: Pain onset, character, radiation, and associated symptoms. Physical Exam: Inspection, palpation, range of motion, neurological tests (reflexes, SLR).

### 2. Investigations for Back Pain

Blood Tests: Inflammatory markers (CRP, ESR), CBC. Imaging: X-ray for alignment; MRI for discs, nerves; CT if MRI contraindicated.

### 3. Fluoroscopic Anatomy of Spine & Diagnostic Interventions

Spine Fluoroscopy: Visualizes vertebrae, discs, facet joints. Diagnostic Blocks: Nerve root and facet injections for pain localization.





4. Diagnosis & Management of Lumbosacral Radicular Pain Transforaminal Epidural: Kambin's triangle or subpedicular approaches for targeted nerve root injections.

# 5. Lumbosacral Radicular Pain (continued) Caudal Epidural: Injection via sacral hiatus. S1 Nerve Root Block: Targeted relief for S1 radicular pain. Piriformis Syndrome: Treat sciatic nerve compression via injections or therapy.

### 6. Facet Joint & SI Joint Arthropathy

Facet Joint: Fluoroscopy or USG-guided injections for diagnosis and pain management.

SI Joint: Ultrasound-guided injections for SI joint inflammation.

### 7. USG-Guided Facet, SI Joint, and Caudal Epidural Facet and SI Joint Injections: Ultrasound-guided for

real-time accuracy.

**Caudal Epidural:** Ultrasound-guided approach to the epidural space.

### 8. FBSS, SCS, Lumbar Sympathetic & Superior Hypogastric Block

FBSS: Persistent post-surgery pain SCS: Electrical stimulation for chronic pain. Lumbar Sympathetic Block: For CRPS or sympathetically maintained pain. Superior Hypogastric Block: For pelvic pain management.





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### **Head and Neck**

### 1. Evaluation of Neck Pain with Clinical Examination

History: Pain onset, radiation, aggravating factors. Physical Exam: Inspection, palpation, range of motion, neurological exam (reflexes, strength).

### 2. Cervical Spine Anatomy, Fluoro Anatomy & MRI Evaluation

Anatomy: Cervical vertebrae, discs, nerve roots. Fluoroscopy: Visualizes vertebrae and joints for interventions. MRI: Evaluates soft tissue, disc herniation, nerve compression.

### 3. Cervical Radicular Pain & Management

Epidural Steroid Injection: Targets inflamed nerve roots for pain relief.

• DRG-PRF: Modulates pain via non-destructive radiofrequency to the DRG.



### 4. Cervical Facet Pain Management

Medial Branch Block: Diagnostic block for facet pain. RF Ablation: Destroys medial branch nerves for lasting pain relief.

**Occipital Neuralgia:** Managed with nerve blocks for cervicogenic headaches.

### 5. Evaluation of Headache and Facial Pain

Glossopharyngeal Neuralgia: Severe throat pain, treated with nerve blocks, RF, or surgery.

### 6. Trigeminal Neuralgia & Gasserian Ganglion Block

Trigeminal Neuralgia: Electric shock-like facial pain managed with Gasserian ganglion block.

### 7. Cluster Headache & Sphenopalatine Ganglion Block

Cluster Headache: Severe headache treated with sphenopalatine ganglion block.

Maxillary/Mandibular Nerve Blocks: For facial pain in trigeminal neuralgia.

### 8. USG-Guided Cervical Interventions

Cervical Medial Branch Block: USG-guided block for facet pain. Greater Occipital Nerve Block: For occipital neuralgia. Trigeminal Branch Blocks: USG-guided for facial pain relief.





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### Knee

### 1. Evaluation of Knee Pain & Management for OA Knee

Assessment: Pain, swelling, range of motion, crepitus. Intraarticular Injection: Steroids, hyaluronic acid for pain relief. Genicular Nerve Block: Targeting sensory nerves to relieve OA pain. **2. Evaluation of Shoulder Pain & Frozen Shoulder Management** Assessment: Pain, stiffness, restricted movement. Intraarticular Injection: Steroids to reduce inflammation. Suprascapular Nerve Block: Relieves shoulder pain by blocking the nerve.

## 3. Generalized Pain Evaluation: Fibromyalgia, Myofascial Pain, CRPS

Fibromyalgia: Widespread pain and fatigue. Myofascial Pain: Trigger points causing pain. CRPS: Intense, chronic pain with autonomic symptoms.

Trigger Point Injection: Relieves muscle pain.

• Stellate Ganglion Block: For CRPS affecting the upper extremities.



### .4. Common Elbow & Wrist Diseases

Tennis Elbow: Lateral epicondylitis, treated with injections. Golfer's Elbow: Medial epicondylitis, managed with injections. De Quervain's: Steroid injection for tendon inflammation. CTS: Steroid injection to relieve median nerve pressure. Trigger Finger: Injection at A1 pulley for relief.

#### 5. Common Ankle & Foot Diseases

Plantar Fasciitis: Heel pain, managed with injections. Retrocalcaneal Bursitis: Injection into inflamed bursa. Ankle Joint: Injections for pain due to osteoarthritis.

### 6. Thoracic Spine Anatomy & Facet Pain Management

Anatomy: Thoracic vertebrae and facet joints. Fluoro: Guidance for thoracic interventions. Facet Joint Pain: Injections or RF ablation for relief. **7. PHN & Thoracic Blocks** 

Thoracic Epidural: Pain relief for thoracic conditions. Paravertebral Block: Local anesthetic for chest pain. Erector Spinae Block: Pain relief for thoracic and abdominal regions. Intercostal Nerve Block: Relieves rib or postherpetic pain.

### 8. Cancer Pain Management

Celiac Plexus Block: Blocks nerves for abdominal cancer pain. Splanchnic Nerve Block: Targets visceral pain from abdominal cancers.





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INTERNATIONAL Assessments



INTERNATIONAL Certifications

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### Asian Pain Academy

Registered Office Address - AB-46, Street Number 89, Action Area IA, Newtown, Kolkata, West Bengal 700156 Workshops will be conducted at Rajarhat Pain Clinic - Address: AB-46, Street Number 89, Action Area IA, Newtown, Kolkata, West Bengal 700156 Samobathi Pain Clinic - Address: 6/Z Umakanta Sen Lane, Kolkata, West Bengal 700030