Synapse Pain Academy's

Certificate Course in Ultrasound Guided Regional Anesthesia (CCUGRA)

Day 1 (Saturday):

- Introduction to Regional Anesthesia
- Basics of Ultrasound:
    - Knobology
    - Improving image quality,
    - Needle visualization

- Upper limb
    - Brachial plexus Anatomy / Sono-anatomy
    - Interscalene brachial plexus
    - Supraclavicular brachial plexus
    - Infraclavicular Para-coracoid brachial plexus
    - Axillary approach to Brachial plexus
    - Blocks at forearm level
    - Blocks at wrist level

- Lower limb
    - Anatomy of Lumbar plexus and sacral plexus
    - Sono-anatomy of Nerves supplying Lower limb
    - Femoral nerve block, Obturator Nerve block
    - Fascia Iliaca block
    - Lateral Femoral Cutaneous Nerve of thigh block
    - Adductor canal block
    - Popliteal Sciatic nerve block,
    - Ankle block

- Demonstration of upper limb and lower limb nerve blocks on volunteer
- Hands on practice for delegates in sonoanatomy on volunteers

Day 2 (Sunday):

- Thorax
    - PECS 1 / PECS 2
    - Serratus anterior plane block
    - Intercostal block

- Abdomen
    - Posterior rectus sheath block
    - TAP block

    - Subcostal TAP Block
    - Ilio inguinal, Ilio hypogastric block

- Refreshing the blocks of Day 1 and Day 2
- Demonstration of thoracic and abdominal wall nerve blocks on volunteers
- Hands on practice for delegates in sonoanatomy on volunteers
- Needling practice on Meat phantom
- Doubt clearing session
- Evaluation and Certificate distribution

Course Coordinators:

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Synapse Pain & Spine Clinic™
Expertise in Neck, Back & Knee Pain

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*This is the usual teaching schedule, but may vary according to individual batches. Live regional anesthesia and pain procedure demonstrations are subject to availability.

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