

# STNI FELLOWSHIP

We at Society of Therapeutic Neurointerventions(STNI) are happy to announce its 1<sup>st</sup> official INR fellowship program for the aspiring candidates.

## **AIM:**

The main objective of this fellowship program is to give learning platform to the fellows aspiring for neurointervention; The fellows will be provided with dedicated, exhaustive, supervised, full time long-term “**Hands On**” fellowship in INR of international standards with eminent teachers from the field of Neurointervention.

## **Eligibility:**

### **CV + 2 recommendations**

Any aspiring candidate with qualifying degree in;

- MD/DNB Radiology
- DM Neuroradiology/Neurology
- DNB Neurosurgery/ Neurology
- Mch Neurosurgery

### **Duration: 2 Years**

### **Broad outline of Course:**

- Basic neurological examinations to evaluate patients with neurological disorders.
- Neuroanatomy, Pathophysiology & natural history of neurovascular disorders, indications & contraindications to INR procedures.
- Signs & symptoms of disorders amenable to diagnosis & treatment by INR techniques.
- Clinical & technical aspects of INR procedures
- Medical & surgical alternatives.
- Pre & post procedure management of Neurovascular patients. Neurointensive care management in consultation with Neurointensivist
- Fundamentals of imaging, radiation physics, biology & protection
- Newer developments, strengths, weaknesses & risks of INR procedures
- Exposure, participation (Hands on) in selective intra & extracranial vessel cannulation with microcatheters.
- Exposure, participation in deployment of detachable coils, embolization with particles, NBCA, Onyx & sclerosants.
- Exposure, participation in remodeling (balloon assisted or stent assisted) in aneurysm coiling.
- Angioplasty & stenting of supra-aortic & intracranial vessels.

- Acute arterial & Venous Stroke Therapy.
- Participation in morbidity & mortality meeting.
- Conferences with related fields.
- Detailed knowledge of pharmacology of drugs used in INR procedures including contrast media, anticoagulation, thrombolytics & Antiplatelet agents.
- Attendance / presentation in at least 1 national meeting (STNI/ Indian Stroke Association / NSI / ISVIR / ISNR / RAIN / Monsoon Meeting / Society for Cerebro-Vascular Surgery).
- Trainee is expected to maintain a detailed logbook for the duration. This should be certified at the end of the training.

**Trainee is expected to do:**

- 50 Diagnostic (Cerebral + Spinal) Angiograms.
- He should be an operating physician in 20 cases (supervised / assisted).
- Detailed case work (Neurointerventional) should include:
  - BAVMs
  - Aneurysms
  - Stroke
  - Stenting
  - ECA Work
  - Sclerotherapy

**Institute & Faculty:**

The fellowship will be provided in eminent institutes under well-known faculties across country having in-house Neurosurgery, Neurology & INR, with inpatient hospital beds with suitably equipped INR suite, ICU, modern imaging (CT, MR) and equipped operation room. All the services, mentioned should be provided on a full-time basis all year around.

**Stipend:**

Fellowship stipend will be provisioned.

**Evaluation:**

Applicants will be interviewed by Program Director or an appointed committee. There would be an oral exam at end of fellowship with two examiners (an internal & one external examiner). Fellows to be members of STNI

**Centers/Trainers:**

Dr. Santosh Joseph – SRMC, Chennai, Email: [santhoshjo@gmail.com](mailto:santhoshjo@gmail.com)

Dr. Mathew Cherian – KMCH, Coimbatore, Email: [dr.mathewcherian@gmail.com](mailto:dr.mathewcherian@gmail.com)

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Contact/Enquiry: Please write us a mail for any further inquire at [info@stni.in](mailto:info@stni.in)