Dr Roopa Seshadri

Head & Sr. Consultant – Neuro & Stroke Intervention
(Interventional Neuroradiologist / Interventional Neurologist
Endovascular NeuroSurgeon/ Neurointerventional Surgeon)
Stroke Specialist – Ischemic & Hemorrhagic
Endovascular Surgeon/Interventionist
Neuroimaging Specialist

Mobile No: 9677201422
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EDUCATIONAL QUALIFICATIONS

Degree	College	University
Clinical Fellowship in INR	**CHU Limoges, France with Prof. Charbel Mounayer**	**CHU Limoges, France**
EDiINR^	**European Board Of Neuroradiology**	**European Board Of Neuroradiology**
Full Immersion Course	**CHU Montpellier, France with Prof. Vincent Costallat**	**CHU Montpellier, France**
DM* Neuroradiology	**NIMHANS#**	**NIMHANS, Institute of National Importance**
MD** Radiology	**St. John's Medical College Hospital**	**Rajiv Gandhi University Health Sciences, Karnataka**
MBBS***	**Adichunchanagiri Institute of Medical Sciences**	**Rajiv Gandhi University Health Sciences, Karnataka**

*Doctor of Medicine (post-doctoral-3 years)
**Master of Medicine (3 years)
*** Bachelor of Medicine & Bachelor of Surgery (5.5 years)
# National Institute of Mental Health and Neurosciences, Bangalore, Karnataka, 'Institute of National Importance', Ministry of Health and Family Welfare, Government of India.
^ European Diploma in Interventional Neuroradiology

CONTINUED TRAINING

Pursuing Master in Advanced Stroke Medicine, Inselspital, University Hospital in Bern, Switzerland.

Clinical Fellowship Training (Practicl as Team member) in stroke and INR at CHU Limoges, France with Prof. Charbel Mounayer 2021-2022

European Diploma in Interventional Neuroradiology from European Board of NeuroRadiology 2021

Full Immersion Course in Stroke and INR at Montpellier, France with Prof. Vincent Costallat: Feb, 2019

Training at Bicetre Hospital, Paris, France in Stroke and INR with Prof. Laurent Spelle and Prof. Jacques Moret: January, 2019.

Observership training at Alfred Krupp Krankenhaus, Essen, Germany with Prof. Rene Chapot in 2017

EMPLOYMENT:

Present:

- **Senior Consultant in Neuro & Stroke Intervention (Endovascular Neurosurgeon/ Interventional Neurologist/ Interventional Neuroradiologist), Endovascular Surgery/Intervention, Sakra World Hospital, Bangalore**

- **Teaching Faculty – DrNB Interventional Radiology, Sakra World Hospital**
- **Adjunct teaching faculty in Interventional NeuroRadiology and Stroke – KMC, Manipal, Karnataka.**
- **Visiting Faculty- Neurosciences, Adani Institute of Medical Sciences, Gujarat**
- **Course Director - Neuroradiology, OC Academy**

2021-2022: Clinical Fellow in Interventional Neuroradiology, Limoges CHU, France

2018- 2022- Stroke Lead & Interventional Neuroradiologist & Endovascular Interventionist, Associate Professor, JSS Medical University & Hospital (1800 bedded), Mysuru, Karnataka.

2016-2018 : Endovascular Neurosurgeon in Indo-American Brain & Spine Hospital and PVS, Kerala

2014- 2016: Consultant Interventional Neuroradiologist and Neuroimaging Specialist. Parkway Global Hospitals, Chennai, a multispeciality hospital in Chennai**.**

2012-2014: Assistant Professor and Associate Consultant in the department of **Neuro-Intervention and Peripheral Intervention** at **Sri Ramachandra University and Research Centre, Porur, Chennai, India**

SKILLS

Cerebro-Vascular Intervention of Brain & Spine: for Acute stroke, ICAD, carotid stenosis, Aneurysms, AVM, AVF, IIH- Venous stenting, Venous malformationsetc.

Clinical Stroke management and critical care management- Ischemic & Haemorrhagic strokes and all cerebro-vascular diseases.

Peripheral Vascular– Body & Limbs:
Aortic interventions- aneurysms, dissections
IVC interventions
Peripheral artery angioplasty & stenting- gangrene, ulcer, claudication
Uterine artery, Renal artery and other visceral artery embolization, and angioplasty and stenting
TACE, TARE

Venous Interventions:
Varicose veins: Endovascular Laser Ablation
DVT- endovascular management
Varicocele embolization
Venous malformations
PICC lines, Permcaths

Image Guided Minimally Invasive Non-Vascular Interventions:
RF/ Microwave ablations of tumours, Vertebroplasty, biopsies, percutaneous drainages

IMAGING:

Advanced neuroimaging; head, neck and spine imaging.

AWARDS, PRIZES, ACHIEVEMENTS

Awards:

- Kalam Vishisht Seva Puraskar **for outstanding achievement in Medical Field, from Kalam Trust, in Tirupati on 11th Oct, 2025**

Academic Achievements:

- **1st Rank** in MBBS exam.
- **6th rank** in Karnataka Postgraduate common entrance test **(CET)**, 2006
- **2nd Rank** in MD in Radiodiagnosis exam.
- **1st Rank** in **NIMHANS entrance exam.**

Prizes

1. **Best presentation award**, **LINCC Singapore 2019 (International conference)**
2. **Second prize**, Oral poster presentation**, STNI 2018, Mumbai**
3. **First prize** in Neuro quiz at **'13th MRI Teaching Course'** at Balabhai Nanavathi Hospital**, 2014, Mumbai.**
4. **Second prize** in poster presentation at **'13th MRI Teaching Course'** at Balabhai Nanavathi Hospital**, 2014, Mumbai.**
5. **Second prize** in poster presentation at '**MRI Update'**, Indian Academy Of Radiology And Imaging, **2012**, **Mumbai**.
6. **First prize** in Quiz Competition at **Indian Society of Neuroradiology** (**ISNR) 2011**, **Chandigarh**.
7. **Second prize** in poster presentation at '**MRI Update'**, Indian Academy Of Radiology And Imaging, **2011**, **Mumbai**.
8. **First prize** in **Neuroradiology** quiz held at Satya Sai Hospital and Medical Sciences, **2011**, **Bangalore**.**Second Prize** In Quiz Competition At Ramachandra Advanced Radiology Education **RARE CME**, Sri Ramachandra Medical College, **2009**, **Chennai**.
9. **Second Prize** In Case Based- Interactive Image Interpretation Session At **Dr. Harnam Singh Mid-Term CME-ICRI-2008 On "Emergency & Endocrine Imaging",** Barnard Institute Of Radiology, 9th August, **2008**, **Chennai**.

SCIENTIFIC PAPER PUBLICATIONS

1. **Seshadri R**, Christopher R, Arvinda HR. MRI in infantile Sandhoff disease. **Neurology**; August 2, 2011 77:e34. **(International Journal)**

2. Kulkarni GB, **Roopa Seshadri**, Madhu, Saini J, Yadav R, Veerendrakumar M, Nagaraja D. Cystic cochleovestibular anomaly presenting with congenital deafness and recurrent bacterial meningitis in a childhood. **Annals of Indian Academy of Neurology**; 2012.

3. Chandra SR, **Roopa Seshadri**, Sikander adwani. Bilateral Hypertrophic Olivary Degeneration Following Pontomesencephalic Bleed. **Journal of**

Associations of Physicians of India (Tamil Nadu State Chapter). 2012; Jan-April.

4. **Roopa Seshadri**, Nishant S, Shukla D, Saini J, Pande P. Vertebrobasilar Dolichoectasia Presenting As Symptomatic Obstructive Hydrocephalus- A Case Report with Review of Literature. **Indian Journal of Neurosurgery; 1,2; july-december;2012;165-168.**

5. Praveen Saligoudar, **Roopa Seshadri**, Indira Devi, Paritosh Pande. 'Rare presentation of pial arteriovenous malformation as proptosis- case report and review of literature' in '**Neurology India'**

6. **Roopa Seshadri**, PS Bindu, Arun Kumar Gupta. **'Menkes Kinky Hair Syndrome'**. Neurology. **(International Journal)**

7. Chandra SR, **Seshadri R**, Chikabasaviah Y, Issac TG . .**Progressive limbic encephalopathy: Problems and prospects.** Ann Indian Acad Neurol. 2014 Apr;17(2):166-70.
8. Sadanandvalli Retnaswami Chandra, Karu Venkata Ravi Teja , **Roopa Sheshadri**. **Diagnostic Apraxia and Alien Hand.** Indian Journal of Psychological Medicine; 40 Issue 3, May-June; 2018.

ACKNOWLEGMENTS:

Acknowledged for my **scientific contributions** in "**Artificial Bee Colony and Texture Feature Based Extraction of Brain Abnormality from Magnetic Resonance Images" by Kamalam et al**.

It has been published by **Elsevier publication in** Proceedings of '**Second International Conference on Emerging Research in Computing, Information, Communication and Applications**'

SCIENTIFIC PAPERS PRESENTATIONS

1. **Oral E-Poster presentation – 'Analysis of Cryptogenic SAH for Better Management', in BNS Bi-Neurovascular Conference in Busan, South Korea, October, 2025**

2. **Oral Presentations in 'ABC-WIN', Val d'Isere, France, April 2022**
   a. **Familial Multiple Cavernoma Syndrome**
   b. **Complex Basilar Artery Thrombectomy Across a Stent**

3. **Oral presentation at LINNC Asia Singapore- "Multiple Aneurysms- Who's the Culprit?", November 2019.**

4. **Oral presentation at 15th Congress of WFITN, Naples, Italy – "Venous Stenting in Idiopathic Intracranial Hypertension", October 2019**

5. **Oral presentation – "Complex basilar thrombetomy" in APAC, Shanghai, August 2019.**

6. **5 Oral Presentations in 'ABC-WIN', Val d'Isere, France, January 2019**
    1. **Who is the culprit? About importance of vessel wall imaging in detedtion of ruptured aneurysm.**
    2. **Unexpected Outcome In a Ruptured Basilar Top Aneurysm- Post Coiling**
    3. **Hiding Giant: About the occult ruptured dissecting giant aneurysm**
    4. **dAVF Cognard 2a- successfully occluded by venous approach**
    5. **Acute stroke within 3.5 hours- to do or not to do?**

7. Oral presentation on '**Management of difficult stroke cases'** at **STNI, Mumbai, 2018**

8. **A case of left cavernous ICA aneurysm with post FD rupture resulting in SAH- 3C Meeting**, Jackson Hole, Wyoming, **USA. June 2017**.

9. **IVH post embolization of periventricular AVM-salvaged by intraventricular thrombolytic injection -3C Meeting**, Jackson Hole, Wyoming, **USA. June 2017**.

10. **3 e-posters in WLNC, California, USA. May 2017**
    a. **Utility of Platelet function tests**
    b. **Treatment of vasospasm**
    c. **Idiopathic intracranial interventions with venous stenosis- results of stenting**

11. **'Carotid cavernous fistula: management strategies'** (oral presentation). Indian Society of Vascular Interventional Radiology, 21 - 24th of October, *2010*, PGIMER, Chandigarh. **Roopa Seshadri**, Arvinda HR.

12. **'Evolution Of Lymphoplasmacyte Rich Meningioma From Neurocysticercosis, With Histopathological Proof'**- A Case Report ; (poster presentation). Indian Society for Neuroradiology -2011, 22-25th of September, 2011, PGIMER, Chandigarh. **Roopa Seshadri**, Chandrajith, Vani Santhosh.

13. **'Endovascular management of refractory Pseudo tumour cerebri'**. (poster presentation). Indian Society for Neuroradiology -2011, 22-25th of September, 2011, PGIMER, Chandigarh. **Roopa Seshadri**, Arvinda HR.

14. '**MR findings of Horizontal gaze palsy with progressive scoliosis'** in the "Indian Society for Neuroradiology, (poster presentation) -2011" - 22-25th of September, 2011, PGIMER, Chandigarh. Bhaskar, **Roopa Seshadri**, Chandrajith.

15. **'Story of the uncrossed cortico-spinal tracts'**. (Poster presentation), MRI Update 2011, Indian Imaging Academy, 16-18th December, 2011, Mumbai. **Roopa seshadri**, Maya Bhatt, Bindu PS, Girish Kulkarni, Gupta AK.

16. **'Limbic encephalopathy: Problems and Prospects'**. (oral presentation), Annual conference of the neurological society of India, NIMHANS, Bangalore; 16th December 2011.Chandra SR, **Roopa Seshadri**, Vani Santhosh, Sidharth Biswas.
17. **'A novel method of treatment of direct Carotid cavernous Fistulae'**. (oral presentation) Bangalore Neurological Society, March, 2012. **Roopa Seshadri, Arvind HR**.

18. **Case Series Of Non-Decussating Cortico-Spinal Tracts: Conventional, DTI and fMRI Evaluation**. (Poster Presentation), 13th MRI Teaching Course, Balabhai Nanavathi Hospital, March 2014. **Roopa Seshadri**, Neeraj Upadhay, Bindu PS, Girish Kulkarni, Damodar. March, 2014.

19. **CT Evaluation Of Paranasal Sinuses – To Detect Features That Predispose To Complications During FESS"** (oral presentation), at the **National Conference** Of **IRIA** (Indian Radiological & Imaging Association) - 2008, Bangalore. **Roopa Seshadri**,Vikram

RESEARCH ACTIVITIES

1. "**A Study of *Endovascular Treatment* Strategies in *Direct Carotid-Cavernous Fistulas*"**
   - Performed under the guidance of Dr A.K Gupta (HOD, Professor, Dept. Of Neuroimaging and Interventional Radiology)*, Dr. Umamaheswara Rao (Dean)*, Dr. Sampath, (HOD, Professor, Department of Neurosurgery)*, Dr. Arvinda H.R (Assistant Professor)*. ***NIMHANS**, Under Department of Health & Family Welfare, Central Government, India.

2. **"A Retrospective Study of *Venous Sinus Stenting* in Patients with *Idiopathic Intracranial Hypertension*"**
   - Performed under the guidance of Dr A.K Gupta (HOD, Dept. Of Neuroimaging and Interventional Radiology)*, Dr. Umamaheswara Rao (Dean)*, Dr. Arvinda

H.R (Assistant Professor)*. ***NIMHANS** Under Department of Health & Family Welfare, Central Government, India.

3. **"*MR evaluation of brain neoplasms* with histopathological correlation"**
   - Performed under the guidance of Dr. Sethumadhavan, Professor, Department of Radiology, St. Johns Medical College & Hospital, **RGUHS** (Rajiv Gandhi University of Health Sciences), Bangalore**.**

INVITED FACULTY LECTURES:

1. **Dangerous Anastomisis, ISNR, Hyderabad, March, 2024**
2. **Idiopathic Intracranial Intervention As Faculty STNI, Chandigarh, December 2023**
3. **Difficult Case in the Box- EVL, Endovascular Live, New Delhi Oct, 2023**
4. **"Interventional Neuroradiology- most advanced procedures for life threatening diseases" at WINNERS- 2: Bhubhaneshwar, Orissa, India. March, 2020**
5. **Diabetes control and complications summit, Royal college of Edinburgh, Mysore, December, 2018**
6. **Neurointevention and Stroke, at Academic Society meeting, JSS Medical University, Mysore, September 2018.**
7. **Radiology Update CME – IRIA (Indian Radiology Association), Ballari branch, Karnataka, 4th October, 2015.**
8. **Master class in Neuro-Emergencies, Chennai, 11th & 12th September 2015.**
9. **'Arthro Preserve'-1, orthopaedic conference in preservation surgeries, ITC Grand Chola, Chennai, 7th August 2015.**
10. **GAMET (Global Annual Meet on Emergency Medicine and Trauma), TAJ GATEWAY, Chennai , 25th-29 March 2015.**
11. **Neuroradiology Update 2015, Narayana Medical College, Nellore, January 4 2015.**

MEDICAL LICENSURE

- **DM Neuroradiology** (Neuroimaging and Interventional Radiology): Unrestricted licensure to practise anywhere in India
- **MD Radiology**: Unrestricted licensure to practise anywhere in India, **MD-MM3594**
- **M.B.B.S** Karnataka Medical Council Registration Number – **69765**

MEMBERSHIPS

- European Stroke Oranization **(ESO)**
- World Federation of Thearpeutic and Interventional Neuroradiology (**WFITN**)
- Life Member, Indian stroke Association (**ISA**)
- European Society of Neuroradiology **(ESNR)**
- European Society of Minimally Invasive Neurological Terapy **(ESMINT)**
- Life Member, Society of therapeutic neurointerventions (**STNI**)
- Life Member, Indian Society of Neuroradiology **(ISNR).**
- Life Member, Indian Radiology And Imaging Association **(IRIA).**
- Life Member, Indian Medical Association **(IMA)**

LANGUAGES SPOKEN

Kannada, English, Tamil, Sankrit, French

FLOOD RELIEF OPERATIONS DURING CHENNAI FLOODS 2015

Patient care in Global Hospital, Chennai, which was flooded with water for more than 2 days; ambuing of ICU patients when the generator got flooded with water; Emergency aid to arrrested patients (CPR); Safe transport of ward & ICU patients on boats across treacherous waters. Part of relief operations to help people affected in other areas.

REFERENCES:

National References:

1. **Prof. Dr A.K Gupta**,
   Former HOD, Department of Neuroimaging and
   Interventional Radiology, NIMHANS, Bangalore 560029, &
   Former HOD, Sri Chitra Thirunal, Thiruvananthapuram, Kerala.
   Mobile no: 9480829650
   Email: gupta209@gmail.com

1. **Dr. Chandran Gyanamuthu**
   Sr. Neurologist, Former- Director Dept. Of Neurology,
   CMC Vellore
   Mobile: 9945080225
   Email: cgcgcg@hotmail.com

2. **Dr. Mathew Cherian**
   HOD, Dept. of Radiology and Interventional Radiology, KMCH, Coimbatore, Tamil Nadu.
   Mobile No: 9600900373
   Email: dr.mathewcherian@gmail.com

3. **Dr. Santhosh Joseph**
   HOD, Dept. of Neuroradiology and Interventional Radiology, SRMC (Sri Ramachandra Medical Colege and Research Institute), Porur, Chennai.
   Mobile no: 9840242219
   Email: santhoshjo@gmail.com

4. **Dr. Uday S Limaye**
   Senior Consultant Interventional Neuroradiologist and Stroke Specialist, Leelavathi Hospital & Hinduja Hospital, Mumbai.
   Mobile: 9821313442
   Email: udayslimaye@gmail.com

5. **Dr. Balaji Pillai**
   Medical Director, Gujarat Adani Institute of Medical Sciences, Bhuj, Gujarat
   Mobile No.: 7358047232
   Email: dr.balaji.ent@gmail.com

6. **Dr Amitha Vikram**
   Senior Interventional Radiologist, VIMS, Tirupathi
   Mobile: 9880284400

International References:

1. **Prof. Charbel Mounayer**, Head Radiology & Interventional Neuroradiology, Dupuytren Hospital 1, Limoges CHU, France. Email Id: cmounayer@hotmail.com

2. **Prof. Rene Chapot**, Head of Interventional Neuroradiology, Alfred Krupp Hospital, Essen, Germany. Email Id: rchapot@icloud.com

3. **Prof. Michael Soderman**, former Director of Interventional Neuroradiology, Karolinska, Stockholm, Sweden. Email Id. : micahel.soderman@ki.se