

Dr. Somsharan. Shankerappa. Betgeri.

DMRD, DNB, MNAMS, PDCC (H.P.B Diagnostic and Interventional Radiology)

Curriculum Vitae

Personal Details

Name: Dr Somsharan. Shankerappa. Betgeri

Present working address: (For correspondence): Consultant Interventional Gastro Radiologist.
Department of Radiology, Caritas Hospital,
Kottayam, Kerala.

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Reg Number: Karnataka Medical Council - 80523

West Bengal University of Health Sciences - 0983 of 2009- 2010

Professional Qualification:

(Degree, College, University / Board, Year of passing)

MBBS: Mahadevappa Rampure Medical College. Gulbarga
Rajiv Gandhi University of Health Science. Bangalore. Karnataka. **(February 2009)**
Aggregate - 71 %

DMRD: Institute of Post Graduate Medical Education and Research. SSKM Hospital,
Bangur Institute of Neurosciences. West Bengal University Of Health Sciences
Kolkata, West Bengal **(May 2011)**
Aggregate - 78% (University topper)

DNB: National Board of Examinations.
Ministry of Health and Family Welfare. Govt of India **(June 2013)**

PDCC: Post doctoral certificate course in hepatic and pancreatico biliary interventional radiology.
Institute of Liver and Biliary Sciences. New Delhi **(December 2014)**

Professional Experience:

(Duration, Total Experience, Designation, Department / Organization)

1. From March 2016.

Consultant Interventional Gastro Radiologist, Caritas Hospital, Kottayam, Kerala.

2. August 2015 to December 2015.

Interventional Radiologist, Baby Memorial Hospital, Calicut, Kerala.

3. January 2014 to July 2015 (1 year 7 months)

PDCC - Sr. Resident, Dept of Interventional Radiology, Institute of Liver and Biliary Sciences, New Delhi.

4. June 2011 to June 2013 (2 year)

Resident (DNB), Dept of Radiology, Malabar Institute of Medical Sciences, Calicut, Kerala.

5. June 2009 to June 2011 (2 year):

Resident (DMRD), Dept of Radiology, IPGMER and SSKM Hospital, Kolkata .

6. May 2008 to August 2008 (4 months):

Medical Officer, Dept of Interventional Cardiology, Amala Institute of Cardiac Sciences, Thrissur, Kerala

Interventional Radiology:

Interventional procedures done independently

Non vascular

- 1) Ultrasound guided drainage procedures: pigtail drainage of chest empyema, liver abscess, subdiaphragmatic abscess, psoas abscess, pancreatic pseudocyst, bilioma etc. Trans rectal and transvaginal drainage of deep pelvic abscess.
- 2) Ultrasound guided FNAC / Biopsy : Breast mass, Thyroid, Lymph node, GB mass, Liver mass, Retroperitoneal mass, Mesenteric mass, Mediastinal mass, Renal Biopsy, Liver Biopsy, TRUS guided prostate biopsy, PAIR therapy for liver hydatid cyst and ymphocele,
- 3) Percutaneous cholecystostomy.
- 4) Percutaneous nephrostomy and drainage of pyonephrosis.
- 5) CT guided FNAC and biopsy of vertebral, paravertebral, mediastinal, and retroperitoneal mass
- 6) Radiofrequency ablation of hepatocellular carcinoma, renal cell carcinoma and bone metastases.
- 7) Percutaneous transhepatic biliary drainage (PTBD), external drainage, internal drainage, rendezvous and stenting in malignant biliary obstruction due to carcinoma gall bladder and cholangiocarcinoma, balloon dilatation with stone clearance of hepatico jejunostomy stricture, biliary anastomotic stricture post liver transplant.
- 8) Percutaneous endobiliary radiofrequency ablation in cholangiocarcinoma.

Vascular

- 1) Angioplasty, stenting, embolisation with gelfoam, PVA particles, coil and glue in abdomen,
- 2) Bronchial artery embolisation in hemoptysis,
- 3) Transarterial chemo embolisation in hepatocellular carcinoma and liver metastases (TACE)
- 4) Embolisation in acute gastro intestinal bleed
- 5) Embolisation in liver and renal trauma related bleed
- 6) Liver cirrhosis and portal hypertension related interventions
- 7) Hepatic venous pressure gradient estimation (HVPG)
- 8) Transjugular liver biopsy (TJLB)
- 9) Transjugular porto systemic shunt creation (TIPS)
- 10) Balloon occluded retrograde transvenous obliteration of gastric varices (BRTO)
- 11) Percutaneous transhepatic portal and splanchnic vein thrombolysis
- 12) Recanalisation of hepatic vein and IVC in Budd chiari syndrome
- 13) Catheter thrombolysis in intraabdominal arterial and venous thrombosis
- 14) Pre operative portal vein embolization before hepatectomy
- 15) IVC filter placement and retrieval
- 16) Triple lumen catheter placement in jugular and femoral vein and permacath placement
- 17) Angioplasty and thrombolysis of thrombosed dialysis AV fistula
- 18) Transjugular renal biopsy (TJRB)
- 19) Uterine artery embolisation
- 20) Oncology related interventions

Interventional procedures done under supervision

Intra arterial thrombolysis of thrombosed hepatic artery post liver transplant, IVC angioplasty and stenting of anastomoses post liver transplant. Angioplasty of anastomotic renal artery stenosis post transplant, percutaneous portal vein angioplasty and stenting. Interventions in post liver and renal transplant related complications.

Diagnostic Imaging:

Neuro Imaging.

Diagnostic (CT and MRI) neuroimaging (Brain and Spine)
MR Neck and Circle of willis Angiograms and Venogram
MR Spectroscopy in various intra cranial pathologies
MR Diffusion in various intracerebral pathologies and Diffusion tensor imaging
MR perfusion studies
CT cerebral angiography and CT myelography

Body Imaging

Triphasic studies of liver, kidney and pancreas.
HRCT Lung and temporal bone
CT angiography in brain, thorax, abdomen and limbs
CT Enterography and CT urogram
CT Neck, PNS and Orbit

USG including special parts [thyroid , breast , scrotum, TVS, TRUS, arterial, venous , renal and splenoportal doppler including intr operative transplant doppler], Penile doppler and Trans cranial doppler.

Body MRI including CEMRI liver and upper abdomen, MRCP, MR Urogram, Fistulogram and MR mammography

Coronary and CHD Cardiac CT

Mammography

Contrast enhanced ultrasound

Musculoskeletal Imaging

USG shoulder, knee, pediatric hip, ankle with power Doppler, MRI knee, shoulder, ankle, brachial plexus and soft tissue including arthrography.

Transplant imaging

Pre and post transplant workup and follow up of donor and recipient in Live Donor Liver Transplant (Volumetry - Myrian Software) and Renal Transplant. Intraoperative and follow up ultrasound imaging

Papers Presented

1. MR Spectroscopy in ring enhancing lesions in brain - Annual State Conference 2011 IRIA, WB branch (3rd prize), Kolkata
2. CT and MR Imaging in orbital lesions - IRIA WB Branch clinical meet. Kolkata
3. A case of perisylvian syndrome - MR evaluation, IRIA WB Branch clinical meet. Kolkata
4. Imaging in Pituitary - Endocrine Imaging, Annual IRIA Kerala 2013, Trivandrum
5. Pancreatic AVM - Role of interventional radiology, resident presentation, ILBS, June 2014.
6. Budd Chiari syndrome – Endovascular management, ISVIR 2013, Coimbatore.
7. Recurrent Pyogenic Cholangitis – Endovascular Management, ISVIR 2013, Coimbatore.

Conferences / CME's / Workshops attended

- 1) IRIA Resident Education Programme , 7-9 August 2009, Kolkata
- 2) Dr Rajendra Rao CME, IRIA Annual State Conference, WB Branch, 21-22 Nov 2009
- 3) Neuroradiology Club meeting, Bangur Institute of Neurosciences, 12 Dec 2009, Kolkata
- 4) Fetal Cardiac Imaging Workshop, 5 Jan 2010, Ramkrishna Mission Hospital, Kolkata
- 5) Bangur Institute of Neurosciences , PET CT, 23 Jan 2010, Kolkata
- 6) Ramchandra Advanced Radiology Education, 11- 14 Feb, 2010, Chennai
- 7) CME in Paediatric Radiology, Indian Society of Paediatric Radiology, 25 Nov 2011
- 8) IRIA WB Branch, Clinical Meet, EKO Xray and Imaging Institute, 31 July, Kolkata
- 9) IRIA Annual State Conference WB Branch, 26- 27 Feb 2011, Kolkata
- 10) 10th MRI Teaching Course, Dr Balabhai Nanavati Hospital, 6-8 May 2011, Mumbai

Membership of Professional Organization

1. Indian Radiological and Imaging Association (IRIA) - Life member.
2. Radiological Society of North America.
3. Indian Society of Vascular and Interventional Radiology - Life member.
4. Member of the National Academy of Medical Sciences. New Delhi.

Publications

1) Spastic Quadriplegia Caused by Anomalous Vertebral Artery Compression of Spinal Cord at the Cervico-Medullary Junction. Somsharan Shankerappa Betgeri¹, S Rajesh¹, Vijayendra Adkatalwar², Meyyappan Shiva², Nitesh Agrawal¹, K.G. Ramakrishnan². The Neuroradiology Journal. doi: 10.15274/NRJ-2014-10108.

2) A New Variant of Choledochal Cyst Diagnosed on Magnetic Resonance Cholangiopancreatography. Shailesh Gupta, S. Rajesh, Nitesh Agrawal, Somsharan S. Betgeri, Ankur Arora. Journal of Clinical and Diagnostic Research. DOI: 10.7860/JCDR/2015/11461.5433.

3) Percutaneous endobiliary RFA combined with balloon-sweep for re-opening occluded metallic biliary stents. Betgeri S, Rajesh S, Arora A, Panda D, Bhadoria AS, Mukund A. Minim Invasive Ther Allied Technol. 2016 Sep 27:1-4 PubMed PMID: 27611763.

References

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Institute of Post Graduate Medical Education and Research, Kolkata.
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