

Curriculum Vitae

Name in Full Dr SHAMRENDRA NARAYAN
Designation: Associate Professor in Radiodiagnosis
Dr Ram Manohar Lohia Institute of Medical
Sciences, Lucknow

Professional Qualification:

MBBS from Medical College, Calcutta in year 1998
MD in Radiodiagnosis from Patna Medical College, Patna in 2003

Teaching/ work experience

- Associate Professor in Radiodiagnosis at Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow from July 2017 till date.
- Assistant professor in Radiodiagnosis, S.N.Medical College Agra from Sept 2010 to July 2017.
- Lecturer in Radio diagnosis Uttar Pradesh Rural Institute of Medical Sciences and Research, Saifai from Feb2010 to September 2010.
- Worked as consultant radiologist at Gomti medical and diagnostic centre, Varanasi from May 2005 to Dec 2009.
- Worked as consultant radiologist at Dr. Samar Scanning, Naria, Varanasi from June 2005 to Jan 2010
- Worked as consultant radiologist at Dr. Pankaj scanning and MRI centre, Sadar bazaar, Agra from June 2003 to April 2005.
- Worked as Junior Resident in department of Radiodiagnosis, Patna Medical college, Patna from 10th April 2000 to 9th April 2003.

Post Holding/ held previously

- Associate Editor: Indian Journal of Musculoskeletal Radiology
- Vice Chancellor Nominee for Faculty inspection: Dr BR Ambedkar University, Agra
- Examiner for MD/ DMRD Radiodiagnosis Examinations at Jawahar Lal Nehru Medical college, Aligarh; Maharani Laxmi Bai Medical College, Jhansi; Sri Ram Murti Smarak Medical college, Bareilly.
- Head department of Radiodiagnosis, Sarojini Naidu Medical College, Agra (2012-17)
- Co-ordinator: Medical Education Unit, SNMC, Agra (2015-17)
- Secretary: Curriculum Committee, SNMC, Agra (2016-17)
- Secretary: College Council and Board of Studies, SNMC, Agra (2016-17)
- Nodal Officer: Telemedicine, SNMC, Agra (2015-17)
- Member: District Advisory committee, PCPNDT Agra (2012-217)

Membership of Professional association (s)

- Life Membership of Indian Radiological Imaging Association
- Life Membership of Indian Medical Association
- Life Membership of Musculoskeletal Society of India
- Life member of Indian college of Radiology

Awards (if any)

- Best in Academics for the batch 1985-92 in class XII Sainik School Tilaiya
- Class Assistant in Pathology and Microbiology at Medical College, Calcutta
- Gold Medal In community Medicine at Medical College Calcutta
- Class assistant in Community Medicine at Medical college Calcutta

Organisation of CME programmes/Workshops :

- Organising Secretary “MSS LUCKNOW 2020” 8th Annual conference of Musculoskeletal society of India to be held in 2020.
- Organising Secretary “Shoulder Imaging CME cum workshop” at Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow on 28th April 2019. This CME was accredited 4CME hour by UP Medical council.
- Started Short CME series in Radiology in the department in collaboration with Local IRIA chapter. It's a bimonthly event attended by faculty of medical college and IRIA members.
- Co-ordinator of workshop on “MSK Sonography” at 67th Annual conference of IRIA held at Agra on 23rd to 26th January 2014.
- Co-ordinator of Imaging workshop at 22nd Annual Conference of Indian Association of Clinical Medicine held at Agra on 10th to 12th October 2014.
- Co-ordinator of Chest Radiology workshop at 16th Joint National Conference of National College Chest Physician & The Indian Chest Society (ICS) held on 20th- 23rd November 2014 at Agra.

Participation in CME programmes/Workshops of continuing Professional Development / Research methodology workshops/ laboratory

- As faculty attended the 7th annual conference of musculoskeletal society of India from 23rd to 25th August 2019 and delivered invited guest lecture on the topic “Advances in Ultrasonography in MSK”.
- As faculty attended MSK Ultrasound Symposium 2019 organised by Medanta- The Medicity and MSK society of India at, Gurgaon on 9th June 2019.
- As faculty attended and delivered invited guest lecture on the topic “Non -accidental Skeletal Injury in Children” in the CME organised by department of forensic Medicine and Toxicology on 14th May 2019 at Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow.
- As faculty attended “Shoulder Imaging CME cum workshop” at Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow on 28th April 2019.

- As faculty of Musculoskeletal society of India attended its outreach program “MSK Radiology Course at Pokhara Nepal on 13th and 14th April at Manipal College of Medical sciences, Pokhara.
- As faculty attended MSK CME cum Workshop at Indira Gandhi Institute of Medical Sciences, Patna on 3rd March 2019.
- As Faculty for the MSK workshop, attended the 72nd Annual conference of IRIA at Chandigarh on January 17-20, 2019.
- Attended “RESPICON 2018”, National conference of paediatrics Respiratory medicine at Udaipur on 24th and 25th November, 2018.
- As faculty, attended CME cum USG workshop on MSK imaging organised by department of Radiodiagnosis, Medical College Udaipur and Udaipur chapter of radiology at Udaipur on 18th November, 2018.
- Attended CME “Imaging Update” on MSK imaging organised by department of SGRH, New Delhi on 3rd and 4th November, 2018.
- As faculty attended CME cum USG workshop on MSK imaging organised by department of Radiodiagnosis, Indira Gandhi Medical College, Shimla on 6th and 7th October 2018.
- As Faculty attended 20th annual scientific meeting of Asian Musculoskeletal society (AMS) and 6th annual conference of MSS of India at Chennai on 9-12th August 2018. Was Faculty for MSK workshop as well as delivered invited guest lecture on the topic “misdiagnosed pelvic injury”.
- Attended ISSROP program as participant on 9th August 2018 at Chennai.
- Attended MSK Ultrasound Symposium 2018 organised by Medanta- The Medicity and MSK society of India at, Gurgaon on 10th June 2018.
- Interventional Radiology CME and Workshop on Musculoskeletal Intervention organised by NAMS in collaboration with MSK society of India on 20th May 2018 at AIIMS New Delhi.
- National CME on ILD organised by Chest Care and Research Society at Lucknow on 19th May 2018.
- Primer In Intervention Radiology, Workshop, Organised by Department of Radiodiagnosis, AIIMS, New Delhi on 14th and 15th April 2018.
- Invited guest lecture on the topic “Ultrasonography of wrist: Techniques, anatomy and pathology” at annual conference of IRIA Haryana chapter held at Sonapat on 18th March 2018.
- 6th Preceptorship program at Tata Memorial Hospital Mumbai in Feb 2018.
- CME on Pulmonary tuberculosis organised on world TB day at Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow.
- 71st Annual Conference of IRIA & AOCC Mumbai from 25-28 January 2018.
- RICON-2017, 31st Annual state conference of IRIA, UP state chapter held at Aligarh on 28-29th October 2017 and delivered guest lecture on “Emergency in Rheumatology”
- 5th Annual conference of Musculoskeletal society of India held at Kolkata on 15-17th September 2017. Delivered guest lecture on “Role of HRUS for evaluation of non-traumatic wrist and hand pathology”

- 70th Annual Conference of IRIA, held at Jaipur on 5th – 8th January 2017.
- 4th annual Conference of Musculoskeletal Society held at Ahmadabad on 24th-25th September 2016. Chaired session on the wrist Imaging.
- Delivered Invited Guest Lecture on the topic “Imaging in Ovarian Cancer” in the CME organised by UP State Chapter of AGOI on 3rd September 2016 at Agra.
- Revised basic course workshop in medical education and technologies at MCI regional centre (Maulana Azad Medical College, New Delhi) on 3rd to 5th May 2016.
- International Musculoskeletal Ultrasound Conference (MUSoc-2015), held at New Delhi on 8th-11th October 2015.
- Invited as faculty to deliver lecture on “HRCT temporal Bone” at CME organised by Local branch of Otorhinolaryngology association, Agra on 12th September 2015.
- XXIX Annual state Conference of UP State Chapter of IRIA (RICON-2015), Held at Muzaffarnagar, UP on 9th- 10th September 2015.
- Delivered Guest lecture on “High Resolution Ultra sonographic approach to Arthritis” at 17th Asian Musculoskeletal Society Annual Congress held at Hyderabad on 14th- 15th March 2015
- Delivered Guest Lecture on the “MRI Spine” at UP orthopaedic association Post Graduate Instructional Course Lecture 31stOctober- 2nd Novemeber 2014.
- Echocardiography Workshop for Pediatrician and Neonatologists on 27th September 2014 at Medanta- The Medicity, Gurgaon.
- Participated as Faculty in 2nd National Musculoskeletal Congress on 19th- 21st September 2014 at Amritsar.
- IVth Medanta Comprehensive Vascular intervention Course (MCVIC 2014) on 8th- 9th August 2014.
- Delivered guest Lecture at CME organised by Agra Branch of IRIA on the topic “High resolution Sonography of Wrist” at Agra on August 3, 2014.
- CME on Rational use of Blood held in Post graduate department of Pathology, SN.Medical College, Agra on March 1, 2014.
- Chairperson: Scientific sessions of 67th Annual Conference of IRIA, held at Agra on 23rd – 26th January 2014. Was co-ordinator of the MSK workshop.
- Delivered Guest Lecture on the “Imaging in orthopaedics” at Annual conference of Indian Orthopedic Association held at Agra from 3rd to 8th December 2013.
- Chairperson: Imaging in Pediatric Tuberculosis. National Academy of Medical Sciences CME held at SNMC, Agra. Nov 2013
- Musculoskeletal Ultrasound & MRI Workshop at PGI Chandigarh on 5th -7th September 2013.
- 15TH Annual conference and workshop of ISVIR at Coimbatore on 14-17th February 2013.
- As nodal officer Telemedicine, Sarojini Naidu Medical College, Agra attended Eastern Regional Workshop for Sensitization and Awareness on National Medical College Network Project, Ministry of Health and Family Welfare, Govt. Of India, held on 13 February 2013.
- Basic course workshop in medical education and technologies at MCI regional centre (Maulana Azad Medical College, New Delhi) on 6th to 8th November 2012.

- Delivered invited guest lecture on topic Pediatric Radiology at CME organised at UPRIMS&R, Saifai on 18th August 2012.
- 6th Chest Radiology review course (REF Event) held on 27-28 April 2012 at New Delhi.
- CT Fest- Body imaging Update, held at Mumbai on 23rd- 25th December 2011.
- Dr. Harnam Singh Mid term CME of IRIA held at Agra on 6th- 7th August 2011.
- 64th Annual congress of Indian radiological & Imaging Association at New Delhi on 28th to 31st January 2011.
- Attended the conference ULTRAFEST 2009 from 26th February to 1st March, Lecture series organized by Mumbai state branch of IRIA
- Noth Zone Academia 2007 on the topic USG in Obs. & Gynae- What's new in the new Millenium organised by IMS on 2nd September 2007 at Varanasi.
- CME programme for Private physicians on HIV/AIDS Prevention & Treatment Awareness, organised by NACO and IMA at Varanasi on 6th August 2006.
- 58th Annual Congress of Indian radiological & Imaging Association Agra, UP, held on January 22 to January 25, 2005.
- Symposium on Basic Principles and Recent Advances in MRI at Jaipur, organised by SMS Medical College on 11th October 2003.
- Imaging update "USG & MRI" at Patna, 2nd to 4th May 2003.
- 56th Annual Congress of Indian radiological & Imaging Association held at Jaipur, 4th to 7th January 2003.
- Continuing Medical Education program on "Magnetic Resonance Imaging at SGPGI Lucknow, 4th to 6th October 2002.
- Workshop on "Biomedical Magnetic Resonance" at SGPGI Lucknow from January 30 to February 12, 2002
- Participated in 3rd indo Singapore Obs-Gynae Ultrasound course at Agra, 5th October 2001.
- RICON at Agra 6th to 7th October 2001.

Community Service: Contribution to achievement of National Health Goals by participating in relevant National Programmes.

- Participated in Pulse polio immunization program (1996).
- Worked as a sonologist in population based study of prevalence of Gall Bladder diseases in North India, March to July 2002 conducted by Indian institute of population study & Tata memorial Hospital Mumbai.

Research

Projects:

- Principal investigator in intramural project entitled “Radiological predictors of drug sensitive pulmonary Tuberculosis” (2019).
- Co-investigator in intramural project entitled “ Clinical correlation with lung function tests in children with asthma” (2019).
- Co-investigator in ICMR funded research project entitled “Prevalence of tuberculosis infection and disease among paediatric house hold contacts of Multi–Drug Resistant tuberculosis –A multicentric study.
- Collaborated with TRC, Chennai in ICMR funded project on “Pharmacokinetics of antitubercular therapy in children: impact of age and nutritional factors.” In 2013.
- Co-guided over 20 theses of the postgraduate students of SN Medical College in the fields of MSK and Chest Imaging.
- Nodal officer in the pilot project of NIC in collaboration with MHFW, Govt. of India “pilot implementation of CollabDDS”.
- Participated actively in conceptualization and implementation of ICMR funded project titled “Targeted Intervention to Expand and Strengthen TB control Among Tribal Population under RNTCP, India” (TIE-TB Project).

Paper Published

Articles included in medical Database

- Agarwal D, **Narayan S**, Chakravarty J, Sundar S. Ultrasonography for diagnosis of abdominal tuberculosis in HIV infected people. *Indian J Med Res* 2010; 132:77-80.
- Ahluwalia V V, Dayananda Sagar G., Singh T P, Arora N, **Narayan S**, Singh M M. MRI Spectrum of CNS Tuberculosis. *Journal of Indian Academy of Clinical Medicine* 2013; 14 (1):83-90.
- **Narayan S**, Agarwal D, Verma V, Prajapati NC. Six Cases of Megalencephalic Leukoencephalopathy with Subcortical Cysts in a family. *Journal of Pediatric Sciences*. 2014;6:e217
- Ahluwalia VV, Dayanandasagar.G, **Narayan S**, Gupta A. Intercondylar Ganglion Cyst with Muroid Degeneration of Posterior Cruciate Ligament of Knee. Report of a Rare Case and Review of Literature. *Journal of Orthopedic Case Reports*. 2014 Jan-Mar;4 (1):32-34.
- Singh R, **Narayan S**, Verma V, Rai V. Spectrum of high resolution sonographic findings in painful shoulder. *Astrocyte* 2016; Volume 2(4): 200-206.
- **Narayan S**, Agarwal D. Problems with UG curriculum and solutions. Letter to editor. *International J. Healthcare Edu. & Med. Inform.* 2016; 3(1)
- Agarwal D, **Narayan S**, Kumar M, Kumar S. Drug Resistance tuberculosis in children- risk factors and therapeutic response. *Global Journal for research Analysis*. Vol.4. Issue 11, Nov2015:22-23.
- **Narayan S**, Verma V, Saharan PS, Gupta AK. Intraosseous lipoma of the proximal radius with extraosseous extension leading to posterior interosseous nerve compression: HRUS diagnosis. *Journal of Orthopedic Case Reports*. 2016 Jul-Aug; 6(3): 56-58.

- Chauhan A, Ahluwalia VV, Saharan PS, Sharma N, **Narayan S**, Gupta R. Clival chordoma in a young child. *Applied Radiology*. 2017 Nov;46(11):37-41.
- Ahluwalia VV, Chauhan A, Saharan PS, **Narayan S**. AIDS Cholangiopathy – Diagnostic imaging features. *IJCF Medicine*. 2017 Jan-Jun;3(1):82-4.
- Ahluwalia VV, Sharma N, Chauhan A, **Narayan S**, Saharan PS, Agarwal D. MRI imaging in afebrile pediatric epilepsy: experience sharing. *Int J Contemp Pediatr*. 2017 Jan; 4:300-5.
- Dayal R, Singh Y, Agarwal D, Kumar M, Swaminathan S, Ramachandran G, Kumar S, **Narayan S**, Goyal A, Kumar AK H. Pharmacokinetic study of isoniazid and pyrazinamide in children: impact of age and nutritional status. *Arch Dis Child*. Epub ahead of print:27.2.2018. doi:10.1136/archdischild2017-313910.
- Pathak S, Agarwal D, Singh P, **Narayan S**. Late onset neonatal sepsis: Overview of risk factors and bacterial etiology in tertiary care hospital in north India.2018;23(2):69-72.
- Kumar R, Kumar P, Singh MK, Agarwal D, Jamir B, Khare S, **Narayan S**. Epidemiological Profile of Acute encephalitis. *Indian J Pediatr* 2017.doi: 10.1007/s12098-017-2481-3.
- **Narayan S**, Singh PK, Choudhury N, Bhatia R, Agarwal D, Ahluwalia VV. Value of cranial ultrasonography and resistive index of cerebral arteries in predicting neuromotor outcomes in neonates with hypoxic ischemic encephalopathy. *Indian journal of neonatal medicine and research* 2018;6(3):17-22.
- Dayal R, Agarwal D, **Narayan S**. Tuberculosis burden among household Pediatric contacts of adult tuberculosis patients. Author's reply. *Indian Journal of Pediatrics*. 2019;86:67-68
- Agarwal D, Dayal R, rhythm, Bhatia R, **Narayan S**. GeneXpert in diagnosis of tuberculosis in children. *Indian journal of Child Health*. In press
- Agarwal D, Bhatia R, Dayal R, Khera R, **Narayan S**, Goyal A. Evaluation of cartridge-based nucleic acid amplification test for diagnosis of tuberculosis in children in various body fluids. *Indian J Child Health*. 2019; July 19 [Epub ahead of print].

Journals /Chapters not included in Medical Database

- Seth S, Singh E, Mathur AS, **Narayan S**, Garima. Mifepristone Dose Response Study for Uterine Myoma in Perimenopausal Women. *The Journal of UP Chapter of Obstetrics and Gynecology* 2013; 19:49-52.
- **Narayan S**, Sagar DG, Singh H, Ahluwalia VV, Rawat A. Pyloroduodenal Perforation: A Sonographic Diagnosis; case report. *NJR I VOL 4 I No. 2 I ISSUE 7 I July-Dec, 2014; 65-68.*
- Ahluwalia VV, Rawat A, **Narayan S**, Gupta AK. A rare case depicting MR interpretation of persistent urachal remnants in adults. Case report. *NJR I VOL 4 I No. 1 I ISSUE 6 I Jan-June, 2014; 56-58.*
- Vandana V, **Narayan S**, Saharan PS, Singh TP, Agarwal D. Spectrum of Neurotuberculosis in HIV infected patients: clinical and Radiological features. *Journal of Indian Academy of Clinical Medicine* 2016; July-September; 17(3): 193-197.

Oral/ Poster presentation in Conferences

- Dayananda Sagar G., **Narayan S**, Ahluwalia VV, Gupta A. Role of High Resolution Sonography in Diagnosis of Carpal Tunnel Syndrome. Oral Paper at IRIA 2014 annual conference.
- Ahluwalia VV, Dayanandasagar.G, Arora N, **Narayan S**. CNS Tuberculosis- spectrum of MR appearances. Paper presented at Annual Conference of Indian Society of Neuroradiology, Shillong 2012.
- Dayanandasagar.G, Ahluwalia VV, **Narayan S**, Gupta A. MRI Spectrum of Mucoïd Degeneration and Ganglion Cyst of Anterior Cruciate Ligament of Knee. Poster at IRIA 2014.
- Sharanayya, Ahluwalia VV, **Narayan S**. Mammographic Spectrum of Unusual Breast Lesions and Unusual Presentations of Common Breast Lesions. Poster at IRIA 2014.
- Ahluwalia VV, Dayananda Sagar G., Arora N, **Narayan S**. Spectrum of Cortical Dysplasia in Pediatric Epilepsy. Best Poster at 26th UPRION 2012.
- S Narayan, S Mathapati, V Verma, A Pandey, M Sharma, Chandrakanta. HRUS wrist and hand to access USG as the primary modality for the diagnosis of non-traumatic wrist and hand pathology. Poster presented in AOCR 2018 at Mumbai.
- S Narayan, P Singh, V Verma, D Agarwal, M Sharma, R Bhatia. Value of Doppler neurosonography in predicting long term outcome among full term newborns with perinatal asphyxia. Paper Presented in 17th AOCR & 71st Annual conference of IRIA 2018 at Mumbai, 25-28 Jan.