

Jayapalli Rajiv Bapuraj, M.B.B.S., M.D.,P.D.C.C.

Clinical Professor Radiology

University of Michigan Health System
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Ann Arbor, MI 48109-5030
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Education and Training

Education

06/1978-05/1980	MP Shah Medical College, Jamnagar, Gujrat India
05/1980-06/1984	MB BS, Bachelor of Medicine and Bachelor of Surgery, Pandit BD Sharma Postgraduate Institute of Medical Sciences, Rohtak, Haryana India

Postdoctoral Training

07/1984-12/1984	Internship, House surgeon, department of General Surgery Clinical training as essential requirement for eligibility for MD (Radio-diagnosis), Pandit BD Sharma Postgraduate Institute of Medical Sciences, Rohtak, Haryana India
01/1985-06/1985	Internship, House Surgeon, department of Pediatric Surgery Clinical training as essential requirement for eligibility for MD (Radio-diagnosis) Medical College, Pandit BD Sharma Postgraduate Institute of Medical Sciences, Rohtak, Haryana India
04/1986-04/1988	Residency, Radio-Diagnosis, Medical College, Pandit BD Sharma Postgraduate Institute of Medical Sciences, Rohtak, Haryana India
01/1990-12/1990	Fellowship, Post-doctoral Certificate in Neuroradiology and Cardiovascular Radiology Fellowship, Department of Radio-diagnosis, Sri Chitra Thirunal Institute for Medical Sciences and Technology, Trivandrum, India
01/1991-10/1993	Fellowship, Neuroradiology, All India Institute of Medical Sciences, New Delhi, India
07/2006-06/2007	Fellowship, Neuroradiology, University of Michigan, Ann Arbor, Michigan

Additional Education

02/1984	Advanced course in Laparoscopy, Medical College Rohtak, Rohtak, India
09/1988	Workshop in Infertility, Association of Obstetricians and Gynecologists of Delhi, New Delhi, India
09/1991	Continuing Medical Education program on Imaging in chest disease, All India Institute of Medical Sciences, New Delhi, India
02/1997	Workshop in Interventional Neuroradiology, Indraprastha Apollo Hospital, New Delhi, India
02/2000	Workshop in Interventional Neuroradiology, Indraprastha Apollo Hospital, New Delhi, India
05/2003	Stroke symposium, Apollo Institute of Neuro Sciences, New Delhi, India
10/2004	Endovascular Neuroradiology Workshop and Live cases: LINC course, Baylor College of Medicine/Methodist Hospital, Houston, Texas
03/2007	Continuing Medical Education Course, "A Simplified Approach to Head & Neck Radiology: What You Need to Know", University of Michigan, Ann Arbor, Michigan
01/2008	Advance Spectroscopy workshop, University of Michigan, Ann Arbor, Michigan
01/2008	Great Grantsmanship workshop, Radiological Society of North America, Oak Brook, Illinois
01/2009-01/2010	Advanced Grant Writing Course, Radiological Society of North America, Oak Brook, Illinois
05/2009	Continuing Medical Education Course, "A Simplified Approach to Head & Neck Radiology: What You Need to Know", University of Michigan, Ann Arbor, Michigan
01/2010	Collaborative IRB Training Initiative, University of Michigan, Ann Arbor, Michigan

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03/2014	Continuing Medical Education Course, "A Simplified Approach to Head and Neck Radiology: What You Need to Know", Michigan State University, Lansing, Michigan
09/2014-07/2015	Medical Education Scholars Program, University Of Michigan, Ann Arbor, Michigan
03/2015	Continuing Medical Education Course, "A Simplified Approach to Head and Neck Radiology: What You Need to Know", Michigan State University, East Lansing, Michigan
04/2015	Continuing Medical Education Course, "The Foundation of the American Society of Neuroradiology Symposium Course", American Society of Neuroradiology, Chicago, Illinois
05/2015	Continuing Medical Education Course, "Intensive Review in Diagnostic Neuroradiology: Update 2015 Course", Massachusetts General Hospital, Boston, Massachusetts
09/2015	Continuing Medical Education Course, "Intensive Review in Diagnostic Neuroradiology: Update 2015 Course", Massachusetts General Hospital, Boston, Massachusetts
01/2016	Statistics from 32,000 feet (Parachute Included): A Gentle Introduction to Data Analyses, University of Michigan (Faculty Development Sessions), Ann Arbor, Michigan
04/2016	Think Like an Actor, Present Like a Pro (April 18, 2016) - Breakfast Session, University of Michigan (Faculty Development Sessions), Ann Arbor, Michigan
05/2016	Think Like an Actor, Present Like a Pro (April 18, 2016) - Breakfast Session, University of Michigan (Faculty Development Sessions), Ann Arbor, Michigan
03/2017	Developing the Educators Portfolio, University of Michigan (Faculty Development Sessions), Ann Arbor, Michigan
12/2017	Thinking is Teaching: Techniques for Fostering Clinical Reasoning Among Learners, University of Michigan (Faculty Development Sessions), Ann Arbor, Michigan
5/2018	Preparing Effective Abstracts for Conferences and Publications, University of Michigan (Faculty Development Sessions), Ann Arbor, Michigan
08/2018	The Five Behaviors of a Cohesive Team, University of Michigan (Faculty Development Sessions), Ann Arbor.
10/2022	Principles of Medical Education, Maximizing your teaching skills. Harvard medical School CME Program.
10/2022	ILT Course: Building Towards Belonging: Implicit Bias Training (LARA compliant)
01/2023	Washtenaw Community Police Academy Winter Course for Community Engagement

Certification And Licensure

Certification

11/1984-present	Haryana Medical Council #HN570
01/1989-present	M.D. post-graduate degree - Radiodiagnosis
03/1991-present	Sri Chitra Institute for Medical Sciences and Technology - Trivandrum, India - Post-doctoral Certificate in Cardiovascular and Neuroradiology
11/1998-present	ECFMG #0-484-981-6
03/2006-present	Basic Life Support (BCLS)
10/2013-present	American Board of Radiology #59436
11/2015-present	American Board of Radiology - Certificate of Advanced Qualification, Neuroradiology

Licensure

07/2006-present	State of Michigan, DEA Registration
06/2015-present	State of Michigan, Board of Pharmacy Controlled Substance
01/2018-present	State of Michigan, Controlled Substance
01/2018-present	State of Michigan, Medical License

Academic, Administrative, Clinical, Research and Military Appointments

j Academic Appointments

10/1993-06/1998	Assistant Professor, Institute of Medical Education and Research, Chandigarh, India
07/1998-06/2003	Associate Professor, Institute of Medical Education and Research, Chandigarh, India
07/2003-06/2006	Additional Professor, Institute of Medical Education and Research, Chandigarh, India
07/2006-06/2007	Clinical Lecturer in Radiology, University of Michigan - Ann Arbor, Ann Arbor, Michigan
07/2007-08/2016	Clinical Assistant Professor, Division of Neuroradiology, University of Michigan Health System, Ann Arbor, Michigan
09/2016-08/2021	Clinical Associate Professor in Radiology, University of Michigan Health System, Ann Arbor, Michigan
09/2021-present	Clinical Professor in Radiology, University of Michigan - Ann Arbor, Ann Arbor, Michigan

Certification And Licensure

Certification

11/1984-present	Haryana Medical Council #HN570
01/1989-present	M.D. post-graduate degree - Radiodiagnosis
03/1991-present	Sri Chitra Institute for Medical Sciences and Technology - Trivandrum, India - Post-doctoral Certificate in Cardiovascular and Neuroradiology
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06/2015-present	State of Michigan, Board of Pharmacy Controlled Substance
01/2018-present	State of Michigan, Controlled Substance
01/2018-present	State of Michigan, Medical License

Academic, Administrative, Clinical, Research and Military Appointments

Academic Appointments

10/1993-06/1998	Assistant Professor, Institute of Medical Education and Research, Chandigarh, India
07/1998-06/2003	Associate Professor, Institute of Medical Education and Research, Chandigarh, India
07/2003-06/2006	Additional Professor, Institute of Medical Education and Research, Chandigarh, India
07/2006-06/2007	Clinical Lecturer in Radiology, University of Michigan - Ann Arbor, Ann Arbor, Michigan
07/2007-08/2016	Clinical Assistant Professor, Division of Neuroradiology, University of Michigan Health System, Ann Arbor, Michigan
09/2016-08/2021	Clinical Associate Professor in Radiology, University of Michigan Health System, Ann Arbor, Michigan
09/2021-present	Clinical Professor in Radiology, University of Michigan - Ann Arbor, Ann Arbor, Michigan

Clinical Appointments

05/1988-12/1989	Consulting radiologist, Dr. J. S. Khurana X-ray Clinic, B-45 , Defence Colony , New Delhi, New Delhi India
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Gaps

07/1985-04/1986	Preparing for competitive examinations
01/1986-04/1986	Non-Practicing, worked in small private x-ray clinic in New Delhi, India

Grants

U-M Award ID: AWD023623: UM-PI Arvind Rao : Synthesizing Image-derived heterogeneity with genomic measurements for assessing disease aggressiveness in lower grade gliomas. Role; participating investigator with specified effort. 3/23/2003- 2/29/2024

F067827 Biomarker-Guided Brain CT Imaging in Traumatic Brain Injury (Korley DoD), Emergency Medicine
Frederick Korley UM Principal Investigator: 5% effort. 0.6 CM
9/30/22-9/29/25 \$1,499,062 (Total funding)

Past Grants

U064392 Bapuraj_Radiology Seed: Retrospective exploratory analysis of the temporal profile of MRI findings and machine learning techniques as early predictors for histologically proven pseudo-progression Department Of Radiology

Bapuraj, Jayapalli Rajiv, PI

11/2018-11/2020. \$20,000 (\$20,000)

Research Subaward Agreement No. UM-2878: MRI Morphometric and Genetic Traits of Type 1 Chiari Malformation Across Age and Gender Conquer Chiari Foundation through a consortium with University of Akron- 17-PAF06979

Bapuraj, Jayapalli Rajiv, PI

05/2017-09/2017. \$6,760 (\$6,760)

MRI Morphometric and Genetic Traits of Type 1 Chiari Malformation Across Age and Gender Conquer Chiari Foundation through a consortium with University of Akron- 16-PAF06306

Bapuraj, Jayapalli Rajiv, PI

06/2016-10/2016. \$3,003 (\$3,003)

Predicting death/severe disability in infants with hypoxic-ischemic encephalopathy despite therapeutic hypothermia.

University of Michigan Department of Neonatology

Co-I (Principal Investigator: Subrata Sarkar)

06/2010

Dynamic MRI and Quantitative CSF Flow Studies in Chiari I Malformations CNS Patient Education Foundation- 10-PAF03330

Bapuraj, Jayapalli Rajiv, PI

01/2010-12/2011. \$50,000 (\$50,000)

Dynamic MRI and Quantitative MR CSF Flow Studies in Chari I Malformations. Pilot Grant Michigan Institute of Clinical Health Research

Bapuraj, Jayapalli Rajiv, PI

10/2009-09/2010. \$25,000

Impact of rewarming after therapeutic hypothermia in neonates. Child Neurology Foundation

Co-I (Principal Investigator: Renee Shellhaas)

01/2009-12/2011

Cardiovascular Resonator CVR Global, Inc.

Co-I (Principal Investigator: Devin Brown)

01/2009-12/2009. \$69,901

CTA to Protocol Cardiovascular Resonator: CardioVascular Resonator CVR Global, Inc- 09-1761

Co-I with Effort (Principal Investigator: Brown, Devin L)

12/2008-06/2010. \$231,253 (\$231,253)

Dynamic MRI and Quantitative MR CSF Flow Studies in Chari I Malformations. University of Michigan

Bapuraj, Jayapalli Rajiv, PI

09/2008-08/2009. \$21,000

MR Spectroscopy, Perfusion and Diffusion Tensor Imaging in Neuropsychiatric Lupus University of Michigan

Co-I (Principal Investigator: Pia M Sundgren)

01/2007-02/2007. \$40,000

Honors and Awards

National

1995	Best paper award for "Evaluation of 3DCT in Maxillo-Facial Trauma:" Khandelwal, N., Venkatramu, NK., Bapuraj, JR., Sharma, RK., Biswas, G., Suri, S. Presented at the 49th Annual Conference of the Indian Radiological and Imaging, Bangalore India (Mentored Dr. NK Venkatramu)
2002	Present Member of the National Academy of Medical Sciences, India
2005	Best paper Award for "Comparative study of cerebrovascular reserve and angiographic flow patterns in patients with symptomatic carotid occlusive disease" Choudhary, S., Bapuraj, JR., Mittal, BR., Khurana, J. at the 8th annual meeting of the Indian Society of Neuroradiology, New Delhi (Mentored Dr. S Choudhary)
2016	Radiology Editor's Recognition Award for Reviewing.
2017	"Neuroradiology" Journal recognition as an expert peer reviewer of submitted scientific papers.
2017	Academic Radiology Certificate of Outstanding Contribution in Reviewing.
2017	Academic Radiology Certificate of Reviewing award.
2017	Radiology Editor's Recognition Award for Reviewing.
2018	Academic Radiology award of Special Distinction in Reviewing.
2018	Radiology Editor's Recognition Award for Reviewing with Special Distinction.
2021	Outstanding Clinical faculty Award, Dept. of Radiology, University of Michigan
2022	Radiology Artificial Intelligence Editors Recognition Award for Reviewing with Distinction
2023	Honored Educator Award, Radiological Society of North America
2023	Item Writer Online Assessment (OLA) , Neuroradiology Section, American Board of Radiology
2024	Honored Educator Award Radiological Society of North America
2026	AJNR Distinguished Reviewer Award
2026	RSNA Grant Reviewer Trainee Study Section

Memberships in Professional Societies

1989	Member, Indian Radiology and Imaging Association
1994-present	Life Member, Neurological Society of India
1998-present	Founding Member, Indian Society of Vascular and Interventional Radiology
1999-present	Member, Indian Society of Neuroradiology
2002-present	Member, American Society of Neuroradiology
2008-present	Member, Radiological Society of North America
2015-present	Member, American College of Radiology
2015-present	Member, Michigan Radiological Society
2012-present	Member, American Medical Association
2016-present	Member, Western Neuroradiology Society (WNRS)
2017-present	Member, American Association for the Advancement of Science

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2015-present	Member, Association of University of Radiologist (AUR)
2020-present	Corresponding Member, European Society of Radiology
2021-present	Member, International Society for Magnetic Resonance in Medicine

Editorial Positions, Boards, and Peer-Review Service

Editorial Boards

2019-present	Associate Editor, Editorial Board, Neuroradiology
2019-present	Associate Editor, Editorial Board, Radiology
2026	Invited Guest Editor, Seminars in Roentgenology

Journal Reviewer

2008-present	Reviewer for American Society of Neuroradiology Scientific Exhibits for Annual Meeting
2008-present	Reviewer for Laryngoscope
2008-present	Reviewer for the American Journal of Radiology
2008-present	Reviewer for the Journal of Magnetic Resonance Imaging
2010-2011	Reviewer for Neurosurgery
2013-present	Reviewer for Radiology
2014-present	Reviewer for American Journal Of Neuroradiology
2015-present	Reviewer for Neuroradiology
2017-present	Reviewer for Academic Radiology
2019-present	Reviewer for ASME Journal of Biomechanical Engineering (Ad Hoc)
2019-present	Reviewer for Fluids and Barriers in CNS (Ad Hoc)
2021-present	Reviewer for Journal of Computed Assisted Tomography (Ad Hoc)
2022-present	Reviewer for Clinical Anatomy (Ad Hoc)

Teaching Activity

Regional

12/1990	Sub-arachnoid hemorrhage of unknown etiology, 39th Annual Conference of Neurological Society of India, Indore, India
12/1991	Clinico-radiological correlation in posterior circulation strokes, 6th Asia Oceania Congress of Radiology, New Delhi, India
04/1995	Imaging in maxillo-facial injuries: invited lecture at CME Cum 9th North Zonal Conference of Radiology and Imaging 1995 Department of Radiodiagnosis, Pandit Bhagwat Dayal Sharma Post Graduate Institute of Medical Sciences, Rohtak, India
11/1995	Study of clinicopathological and radiological spectrum of cholesteatoma in children and correlation of HRCT findings with surgical findings, 49th Annual Conference of the Indian Radiological and Imaging Association,
01/1997	Imaging of the paranasal sinuses, 50th Annual Conference of Indian Association of Radiology and Imaging, Guwahati, India
01/1997	Imaging of the paranasal sinuses: lecture at the 50th Annual Conference of Indian Association of Radiology and Imaging. Guwahati, India
04/1998	Radiological assessment of dysphagia with endoscopic correlation: Annual Meeting of the

- Haryana State Chapter of Indian Radiological and Imaging Association. Rohtak, India
- 10/1998 Evaluation of 3DCT in maxillofacial trauma: surgical correlation. 20th International Congress of Radiology, New Delhi, India
- 10/1998 Validation of Angiographic Parameters as Prognostic Indicator of ACoM artery aneurysms, 20th International Congress of Radiology, New Delhi, India
- 11/1998 Management of a chronic femoral arteriovenous fistula by a covered stent, 1st Annual Conference of the Indian Society of Vascular and Intervention Radiology, Trivandrum, India
- 11/1998 Transcatheter Bronchial artery embolization for hemoptysis of inflammatory etiology, 1st Annual Conference of the Indian Society of Vascular and Interventional Radiology, Trivandrum, India
- 10/1999 Role of Angio-embolization in extra-cranial head and neck masses, Second annual meeting of the Indian Society of Vascular and Interventional Radiology and Indian Society of Neurology, Bangalore, India
- 01/2001 Imaging of the temporal bone, 54th Annual conference of the Indian Radiological and Imaging Association, Manipal, India
- 01/2001 Imaging of the temporal bone: lecture at the 54th Annual conference of the Indian Radiological and Imaging Association. Manipal, India
- 04/2001 Recent advances in vascular interventions, Zonal meeting of Indian Radiological and Imaging Association Punjab and Chandigarh Branch, Amritsar, India
- 04/2001 Recent advances in vascular interventions: invited lecture at the zonal meeting of Indian Radiological and Imaging Association Punjab and Chandigarh Branch. Amritsar, India
- 01/2002 Embolization for uterine fibroids, 55th Annual Conference of the Indian Radiological and Imaging Association, Calcutta, India
- 01/2002 Embolization for uterine fibroids: invited lecture at the 55th Annual conference of the Indian Radiological and Imaging Association. Calcutta, India
- 01/2002 Balloon occlusion of carotico-cavernous fistula: invited lecture at the 55th Annual conference of the Indian Radiological and Imaging Association. Calcutta, India
- 01/2002 Balloon occlusion of carotico-cavernous fistula, 55th Annual conference of the Indian Radiological and Imaging Association, Calcutta, India
- 10/2002 Interventional Neuroradiology: an overview, Lecture, 25th Annual Conference of Indian Radiological and Imaging Association (Haryana State), Rohtak, India
- 10/2002 Interventional Neuroradiology: an overview, Lecture, 25th Annual Conference of Indian Radiological and Imaging Association (Haryana State), Rohtak, India
- 10/2002 Interventional Neuroradiology: an overview, invited lecture at the 25th annual conference of Indian Radiological and Imaging Association (Haryana State). Rohtak, India
- 11/2002 Embolization for uterine fibroids, 6th Annual Conference of the Indian Society of Interventional Radiology, Hyderabad, India
- 11/2002 Embolization for uterine fibroids: invited lecture at the 6th Annual conference of the Indian Society of Interventional Radiology. Hyderabad, India
- 11/2003 Institutional experience of GDC interventions at the Post Graduate Institute of Medical Education and Research invited symposium in the 6th Annual conference of the Indian Society of Interventional Radiology/International Society for Neurofeedback and Research. Chandigarh, India
- 04/2004 Institutional experience of neuro-interventions at the Post Graduate Institute of Medical Education and Research Chandigarh. Advanced Interventional radiology workshop and symposium at the Sri Ramachandra Institute of Medical Sciences (deemed university). Chennai, India

- 11/2004 Virtual Otoscopy and Sinoscopy, Annual Meeting Indian Radiological and Imaging Association, Hyderabad, India
- 11/2005 Pre-procedure imaging for uterine artery embolization for symptomatic fibroids, Indian Society of Vascular and Interventional Neuroradiology, New Delhi, India
- 10/2007 UMHS CME course - Cardiac and Vascular CT/MRI CME. Plymouth, Michigan

Institutional

- 10/1993-05/2006 Teaching of radiology both to graduate medical students and residents of Radiology, Neurosurgery, Neurology, Ears, Nose, Throat & Head and Neck Surgery. Formal teaching schedules at the Post Graduate Institute of Medical Education and Research include monthly didactic lectures to residents of radiology covering broad areas in diagnostic radiology.
- 09/1997 Congenital and inflammatory conditions of the brain: lecture at the 4th All India Institute of Medical Sciences- Maulana Azad Medical College- Postgraduate Institute of Medical Education & Research Imaging Course held at the All India Institute of Medical Sciences. New Delhi
- 02/1999 Imaging of the temporal bone: lecture at the 6th All India Institute of Medical Sciences- Maulana Azad Medical College- Postgraduate Institute of Medical Education & Research. Imaging course held at the Post Graduate Institute of Medical Education and Research. Chandigarh, India
- 02/1999 Imaging of the paranasal sinuses: lecture at the 6th All India Institute of Medical Sciences- Maulana Azad Medical College- Postgraduate Institute of Medical Education & Research imaging course held at Post Graduate Institute of Medical Education and Research. Chandigarh, India
- 10/2003 MRI Applications in Head and Neck Invited lecture at the 3rd Workshops on Clinical and Biochemical Magnetic Resonance Imaging Sanjay Gandhi Post Graduate Institute of Medical Sciences, 2003. Lucknow, India
- 11/2003-present Triumphs and Pitfalls in the Interventional Suite/Institutional experience of Vascular Interventions, Postgraduate Institute of Medical Education & Research, Chandigarh, India
- 07/2006-10/2007 Brain Cutting Conference (1-hour conference), University of Michigan Health System, Ann Arbor, Michigan
- 01/2007-present Daily Resident teaching, Neuroradiology, (1-hour conference) - University of Michigan Health System, Ann Arbor, Michigan
- 01/2007-present Intradepartmental Case of the Day (1-hour conference), University of Michigan Health System, Ann Arbor, Michigan
- 01/2007-present Neuro-ophthalmology / Neuroradiology Rounds, (1-hour conference). University of Michigan Health System, Ann Arbor, Michigan
- 03/2007-present Radiology Residents Noon Conference, (1-hour conference) University of Michigan Health System, Ann Arbor, Michigan
- 03/2007-present Neuroradiology Fellows Conference, (1-hour conference) University of Michigan Health System, Ann Arbor, Michigan
- 08/2007-present Neurology/Neuroradiology Fellows Conference, (1-hour conference). University of Michigan Health System, Ann Arbor, Michigan
- 12/2007-present Imaging of the temporal bone, Indian Society of Neuroradiology, , New Delhi, India
- 12/2007-present Management of complex cerebral Arteriovenous malformations, Indian Society of Neuroradiology, Calcutta, India

02/2008-present	Resident Competence Evaluation Assessment Examiner, (1-hour conference). University of Michigan Health System, Ann Arbor, Michigan
02/2008-present	Clinical Pathology Conference; Neurosurgery/Neuroradiology, (1-hour conference), University of Michigan Health System, Ann Arbor, Michigan
12/2008-present	Brain Tumor Board, (1.5-hour conference) University of Michigan Health System, Ann Arbor, Michigan
04/2009	M1 student lecture - "Welcome to the Radiology Station", (1.5-hour conference) - 12 conferences per year, University of Michigan Health System, Ann Arbor, Michigan
1/2021 – present	PBSI Science lead. For M3 and M4 medical students.

Dissertation Committees

2018	Suneeti Gupta, Feeding Difficulty in Hypoxic Ischemic Encephalopathy in Brain Cooled Infants, University of Michigan, Pediatrics, Committee Member
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Clinical Track Scholarly Contribution

My scholarly contributions have spanned a career of thirty years in academic medicine in institutions spanning two continents. My research focuses on the utilization of imaging techniques that enhance the understanding of the pathophysiology of disease processes. My initial research in India was primarily related to head and neck radiology. My research spanned imaging aspects of traumatic optic nerve injury, 3D applications in imaging of sphenoid sinusitis and ossicular abnormalities in otitis media, imaging strategies for pituitary adenomas, allergic fungal sinusitis, and paranasal sinus involvement in leprosy, amongst others. In the last decade, as faculty at the University of Michigan, my focus has been on collaborative research on the imaging aspect of Chiari I Malformations. My interest in research led me to an effort in the understanding of the ethical and logical construct of a research project. I volunteered and continue to serve on the IRBMED of the University of Michigan. I also review for major radiology journals and have been appointed to the editorial boards of two reputable journals.

Committee and Administrative Services Committee Services

National

2007-present	American Society of Neuroradiology, Oak Brook, Illinois, Education Committee
2015-2016	The Western Neuroradiological Radiology Society (WNRS), Oak Brook, Illinois, Gabriel H Wilson Award Committee
2015-present	Alliance of Clinician-Educators in Radiology/Association of University Radiologists, Oak Brook, Illinois, Publications Committee
2016-2017	The Western Neuroradiological Society (WNRS), Oak Brook, Illinois, Program Committee
2017-present	American Society of Neuroradiology, Oak Brook, Illinois, Member/Educational Exhibits Committee
2018-2019	American Society of Neuroradiology Education Committee Task Force for adjudicating "Best OF ASNR" presentations, Convenor
2019-2020	American Society of Neuroradiology Education Committee Task Force for adjudicating "Best of ASNR" presentations, Member
2019-2020	The Western Neuroradiological Radiology Society (WNRS), Oak Brook, Illinois, Gabriel H Wilson Award Committee
2021-2022	The Western Neuroradiological Society (WNRS), Auditing Committee
2022-2025	American Society of Neuroradiology Education Exhibits Subcommunity of the program, American Society of Neuroradiology (ASNR).

2023-2025 American Board of Radiology OLA Committee Neuroradiology Sub-section.
 2023-2025 AUR/ AQUIFER: Volunteer Reviewer and item writer, Neuroradiology section.

Regional

1996 Zonal meeting, Indian Radiological and Imaging Association, Chandigarh, India, Organizing Secretary

1998 51st Annual Conference of the Indian Radiological and Imaging Association, Chandigarh, India, Organizing Committee and Convener-Souvenir Committee

2000 Symposium on Interventions in Hepatocellular Carcinoma, Postgraduate Institute of Medical Education and Research, Chandigarh, India, Organizing Secretary

2001-2004 Indian Society of Neuroradiology, New Delhi, India, Treasurer

2003 Sixth Annual Conference of the Indian Society of Vascular and Interventional Radiology and Indian Society of Neuroradiology, New Delhi, India, Joint Organizing Secretary

2005-2006 Indian Society of Neuroradiology, New Delhi, India, Executive Committee

2006 Continuing Medical Education on Update of Onco-Imaging under the aegis of the Indian college of Radiology and Imaging, New Delhi, India, Organizing Secretary

2018-2019 Assessment Advisory Committee for the Ann Arbor Public Schools, Ann Arbor, Michigan, Member

2020-2022 Michigan Radiological Society (MRS), Website and Communications Committee

Institutional

2000-2002 Postgraduate Institute of Medical Education & Research, Chandigarh, India, Examiner. Postgraduate course of Radiodiagnosis (M.D. Radiodiagnosis)

2004-2005 Punjab University Chandigarh for assessment and setting of examination papers for entrance to undergraduate medical school, Chandigarh, India, Member for the Medical Faculty

2005-2006 General Surgery and Allied Subjects, Thesis Committee, Postgraduate Institute of Medical Education and Research.

2005-2006 Postgraduate course of Radiodiagnosis (M.D. Radiodiagnosis) at the Post Graduate Institute of Medical Education and Research, Chandigarh, India, Examiner

2008-present Medical School Institutional Review Board, Physician Scientist

2013-present Medical Student Research, University of Michigan Health System, Ann Arbor, Michigan, Standing Committee of the Department of Radiology

2016-2018 Neonatal Intensive Care Unit, University of Michigan Health System, Ann Arbor, Michigan, Scholarship Oversight Committee of the Department of Neonatology

2017-present Academy of Medical Educators University of Michigan Medical School, University of Michigan Health System, Ann Arbor, Michigan, Member

2017-present The Committee for an Inclusive University, University of Michigan Medical School, Ann Arbor, Michigan, Member

2021-present Clinical Faculty Working Group for participation in the University Senate, Member

2022-2024 University of Michigan Police Department, Oversight Committee

Administrative Services

Volunteer

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Visiting Professorships and Extramural Invited Presentations

Visiting Professorships

10/2004	Visiting Faculty,, University of Rochester Medical Center / Department of Radiology, Division of Diagnostic and Interventional Neuroradiology,, October 2004, Rochester, New York
06/2014	Visiting Faculty, National Institute of Mental Health and Neuroscience, Department of Neuro-imaging and Interventional Radiology, June 2014, Bangalore, India

Extramural Invited Presentations

1. Quantification and correlation of CSF flow at the craniovertebral junction and within the cerebral aqueduct in normal controls and Chiari 1 malformations prospective study, Conquer Chiari Foundation Annual Meeting., April 2010, Chicago, Illinois
2. Dynamic MRI and Quantitative MRI CSF Flow Studies in Chiari I Malformations, Conquer Chiari Annual Meeting, September 2012, Chicago, Illinois
3. Phase contrast MR CSF flow imaging: Clinical Applications, National Institute of Mental Health and Neurosciences - Department of Neuroimaging and Interventional Radiology, June 2014, Bangalore, India
4. Phase contrast MR CSF flow imaging: Physical principles, National Institute of Mental Health and Neurosciences - Department of Neuroimaging and Interventional Radiology, June 2014, Bangalore, India
5. Quantitative MR CSF motion studies in the aqueduct of sylvius in patients of Chiari malformations., Hydrocephalus 2014 Annual Meeting / international Hydrocephalus Imaging Working Group, September 2014, Bristol, United Kingdom
6. Principles, Techniques, and Clinical Applications of Phase Contrast MRI Cerebrospinal Fluid Imaging., American Syringomyelia and Chiari Alliance Project 2015 Annual Conference, July 2015, Ann Arbor, Michigan
7. To Measure or Not To Measure: Quantitative and Morphological Imaging Strategies for Chiari Malformation, 55th Annual Meeting of the American Society of Neuroradiology, April 2017, Long Beach, California
8. Morphometrics on MorphPro: A New Collaborative Step in Understanding the Posterior Fossa in Patients of Chiari I Malformations, Western Radiological Society, Oak Brook, IL, Western Neuroradiology Society, October 2018, Dana Point CA
9. Betting on Breakthroughs ASNR, American Society of Neuroradiology, May 2020, Virtual due to COVID
10. Western Neuroradiological Society (WNRS) 52nd Annual Meeting, Western Neuroradiological Society (WNRS), October 2020, Virtual due to COVID
11. The Radiological Society of North America (RSNA) announced today that its 106th Scientific Assembly and Annual Meeting, Radiological Society of North America, November 2020, Virtual due COVID
12. Imaging Anatomy and clinical implications of the skull base, Kakarla Subbarao Radiological and Imaging Educational Sciences Trust, September 2021, Hyderabad, India
13. Imaging of CSF Pathways Invited talk at Kauvery Hospitals Institute of Brain and Spine, Chennai India January 2025

14. Imaging Anatomy & Clinical Implications of Paranasal Sinuses Kakarla Subba Rao Radiological & Imaging Educational Sciences Trust, April 2025, Virtual International Webinar
15. What is Progression In Spine Oncology, Multidisciplinary Approach to Treatment of Spine Tumors - It Takes a Village. Invited talk Spine Therapy Society , August 2025.
16. Chiari 1 Malformations: Radiological and Clinical Insights, Lecture delivered to the online Listserv Forum of Neurosurgeons. September 2025
17. Functional Imaging of the Spine: Focus on Perfusion and Diffusion Imaging: Invited lecture delivered at the 78th Annual Meeting of the Indian Society of Radiology and Imaging, Hyderabad, India January 2026.
18. Chiari I malformations: A short review of Imaging, abnormalities and clinical considerations, Invited lecture, Department of Neuroradiology and Interventional Neuroradiology, National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru, India, February 2026

Other

1. Carotid CTA & MRA Applications in Head and Neck, University of Michigan Department of Radiology - Everything You Need To Know Conference, October 2007, Plymouth, Michigan

Bibliography

Peer-Reviewed Journals and Publications

1. **Bapuraj JR**, Mishra NK, Mohan KK, Goulatia RK, Maheshwari MC: Hemiplegia in posterior cerebral artery strokes. *Acta Neurol. Scand.* 88(5): 316-319, 1993. PM8296528
2. Sarwal V, Suri RK, Sharma OP, Baruah A, Singhi P, Gill S, **Bapuraj JR**: Traumatic subarachnoid-pleural fistula. *Ann. Thorac. Surg.* 62(6): 1622-1626, 1996. PM8957362
3. Gupta AK, Singhal SK, Mann SB, **Bapuraj JR**, Saran RK: Pleomorphic adenoma presenting as a base of tongue mass. *J Laryngol Otol* 111(12): 1177-1178, 1997. PM9509112
4. Khandelwal N, **Bapuraj JR**: Spinal Ewing's Sarcoma *Neurology India* 45(1): 52, 1997. Embase 1997209881
5. Venkatramu NK, Khandelwal N. **Bapuraj JR** , Sharma RK, Biswas G, Suri S: Evaluation of 3D CT in maxillofacial trauma; Surgical correlation *Indian journal of radiology and Imaging* 7(2): 97-102, 1997.
6. **Bapuraj JR**, Chandra NE, Suri S: Giant thrombosed aneurysm associated with an arteriovenous malformation: case report and review of the literature. *Australas Radiol* 41(2): 176-178, 1997. PM9153818
7. Sharma VK, **Bapuraj JR**, Mann SB, Kaur I, Kumar B: Computed tomographic study of paranasal sinuses in lepromatous leprosy. *Int. J. Lepr. Other Mycobact. Dis.* 66(2): 201-207, 1998. PM9728452
8. Eshwar Chandra N, Khandelwal N, **Bapuraj JR**, Mathuriya SN, Vasista RK, Kak VK, Suri S: Spontaneous intracranial hematomas: role of dynamic CT and angiography. *Acta Neurol. Scand.* 98(3): 176-181, 1998. PM9786614
9. Srinivasan S, Nehru V I, Mann S B, Sharma V K, **Bapuraj J R**, Das A: Study of ethmoid sinus involvement in multibacillary leprosy. *J Laryngol Otol* 112(11): 1038-41, 1998. PM10197140
10. Srinivasan S, Nehru VI, **Bapuraj JR**, Sharma VK, Mann SB: CT findings in involvement of the paranasal sinuses by lepromatous leprosy. *Br J Radiol* 72(MAR.): 271-273, 1999. PM10396217
11. Dhiman RK, Puri P, Chawla Y, Minz M, **Bapuraj JR**, Gupta S, Nagi B, Suri S: Biliary changes in extrahepatic portal venous obstruction: compression by collaterals or ischemic? *Gastrointest. Endosc.* 50 (5): 646-652, 1999. PM10536320
12. Ray M, Ezhilarasan R, Marwaha RK, Marwaha N, Trehan A, **Bapuraj JR**: Facial nerve palsy in an infant with hemophilia A. *Pediatr Hematol Oncol* 16(1): 71-74, 1999. PM9932277
13. Gupta S, Sood B, Gulati M, Takhtani D, **Bapuraj R**, Khandelwal N, Singh U, Rajwanshi A, Gupta S, Suri S: Orbital mass lesions: US-guided fine-needle aspiration biopsy - Experience in 37 patients *Radiology*

213(2): 568-572, 1999. PM10551243

14. **Bapuraj JR**, Sridhar S, Sharma SK, Suri S: Endovascular treatment of a distal urethral-internal pudendal artery fistula complicating internal optical urethrotomy of a post-traumatic urethral stricture. *BJU Int.* 83(3): 353-354, 1999. PM10233515
15. Nagi ON, Dhillon MS, **Bapuraj JR**, Goni VG: Preliminary experience with isoleastic hip arthroplasty using implantation bone grafting *Eur. J. Orthop Surg. Traumatol* 10: 27-33, 2000. Embase Accession 2000134916
16. Sinha SK, Kochhar R, Rana S, **Bapuraj R**, Singh K: Intestinal pseudo-obstruction due to neurofibromatosis responding to cisapride. *Indian J Gastroenterol* 19(2): 83-84, 2000. PM10812823
17. Sinha SK, **Bapuraj R**, Kumar S, Ray J, Sriram PV, Kochhar R, Singh K: Gastroduodenal artery pseudoaneurysm: metal coil embolization. *Trop Gastroenterol* 21(2): 75-76, 2000. PM10881630
18. **Bapuraj JR**, Thingnam S, Rajak CL: Popliteal artery pseudo-aneurysm following penetrating trauma. *Australas Radiol* 43(1): 116-118, 2000. PM10901886
19. Gupta D, Sharma BS, Gupta SK, **Bapuraj R**, Khosla VK: Postoperative hypertensive - hypervolaemic - haemodilution (triple H) therapy in the treatment of vasospasm following aneurysmal subarachnoid haemorrhage *Neurol India* 48(2): 126-131, 2000. PM10878775
20. **Bapuraj JR**, Kalra N, Rao KL, Suri S, Khandelwal N: Transcatheter coil embolization of a traumatic intrahepatic arterioportal fistula. *Indian J Pediatr* 68(7): 673-676, 2001. PM11519293
21. Mani NB, **Bapuraj JR**, Khandelwal N, Suri S: Orbitofrontal cholesterol granuloma. (Mentored Paper) *J Otolaryngol* 30(6): 365-367, 2001. PM11771011
22. **Bapuraj JR**, Bilwani RP, Khandelwal N, Singh K, Suri S: Angiographic detection and embolization of a Dieulafoy's lesion. *Trop Gastroenterol* 21(4): 181-182, 2001. PM11194580
23. **Bapuraj JR**, Mani NBS, Nehru VI, Radotra BD, Suri S: Solitary scleroma of the larynx, Unusual computed tomographic findings: a case report *Indian Journal of Radiology and Imaging* 12(910): 95-97, 2002. Embase Accession 2002232932
24. **Bapuraj JR**, Bilwani R, Khandelwal N, Gupta AK, Nehru VI, Suri S: Pre-operative embolization of auricular arteriovenous fistula. (Mentored Paper) *J Laryngol Otol* 116(1): 42-45, 2002. PM1186065
25. Sarvanan K, **Bapuraj JR**, Sharma SC, Radotra BD, Khandelwal N, Suri S: Computed tomography and ultrasonographic evaluation of metastatic cervical lymph nodes with surgicoclinicopathologic correlation. *J Laryngol Otol* 116(3): 194-199, 2002. PM11893261
26. Panda N K, Reddy C E E, Sharma R K, **Bapuraj J R**, Radotra B D: High flow vascular malformations : Review of literature and a case report. *Indian J Otolaryngol Head Neck Surg* 54(3): 225-8, 2002. PM23119898
27. **Bapuraj JR**, Suri S, Sidhu R, Nadh OV, Vasistha K: Uterine artery embolisation for the treatment of symptomatic uterine fibroids: short-term results of work in progress. *Aust N Z J Obstet Gynaecol* 42(5): 508-512, 2002. PM12495096
28. Rajiniganth MG, Gupta AK, Gupta A, **Bapuraj JR**: Traumatic optic neuropathy: visual outcome following combined therapy protocol. (Mentored Paper) *Arch. Otolaryngol. Head Neck Surg.* 129(11): 1203-1206, 2003. PM14623751
29. **Bapuraj JR**, Mani NB, Khandelwal NK, Thennarasu K, Sharma SC: New parameter of hemoglobin status as an indicator of efficacy of preoperative angioembolization in extracranial hypervascular tumours. *J Otolaryngol* 31(5): 313-316, 2003. PM12512897
30. **Bapuraj JR**, Mani NB, Khandelwal N, Behera A, Suri S: Extracranial head and neck circulation aneurysms in a case of polyarteritis nodosa. *J Assoc Physicians India* 50(9): 1183-1185, 2003. PM12516707
31. P Narayan, P Singh, N Kandwelwal, **JR Bapuraj**, SC Bansal, SK Dhawan: Physical aspect of metabolites in intra-cranial tuberculosis: a hydrogen magnetic resonance spectroscopy analysis *Journal of Medical Physics* 28: 194-195, 2003. OSTI ID 35086366.

32. P Narayan, N Khandelwal, P Singh, **JR Bapuraj**, SC Bansal, SK Dhawan: Evaluation of metabolites level in brain tumor using hydrogen magnetic resonance spectroscopy system *Journal of Medical Physics* 3: 139-140, 2003. OSTI ID 20408667
33. Ojili V, **Bapuraj JR**, Suri V: Uterine artery embolization for the treatment of symptomatic fibroids. (Mentored Paper) *Int J Gynaecol Obstet* 87(3): 249-251, 2004. PM15548400
34. Saravanan N, **Bapuraj JR**, Suri S: Radiology quiz case 4. Osteosarcoma of the maxilla. (Mentored Paper) *Arch. Otolaryngol. Head Neck Surg.* 130(12): 1445+1450, 2004. PM15611414
35. Gupta V, Bandyopadhyay S, **Bapuraj JR**, Gupta A: Bilateral optic neuritis complicating rabies vaccination. *Retina (Philadelphia, Pa.)* 24(1): 179-181, 2004. PM15076969
36. Dutta U, **Bapuraj R**, Yadav TD, Lal A, Singh K: Mesenteric ischemia and portal hypertension caused by splenic arteriovenous fistula *Indian J Gastroenterol* 23(5): 184-185, 2004. PM15599003
37. Reddy CE, Panda NK, Pragachi G, Joshi K, **Bapuraj JR**: Petro-occipital giant cell tumour mimicking glomus jugulare. *J Otolaryngol* 34(5): 359-362, 2005. PM16181601
38. Panda Naresh K, Reddy Ekambar C E, **Bapuraj Rajiv J**: CT cisternography in cerebrospinal fluid rhinorrhea: Could it have a therapeutic role? *Indian J Otolaryngol Head Neck Surg* 57(2): 150-2, 2005. PM23120158
39. Singh SK, Wadhwa P, **Bapuraj JR**, Jha V: Transcatheter embolization of internal pudendal artery pseudoaneurysm following traumatic urethral catheterization. *Int Urol Nephrol* 37(1): 93-94, 2005. PM16132767
40. Chhabra R, Gupta SK, Mohindra S, Mukherjee K, **Bapuraj R**, Khandelwal N, Khosla VK: Distal anterior cerebral artery aneurysms: Bifrontal basal anterior interhemispheric approach *Surg Neurol* 64(4): 315-319, 2005. PM16182001
41. Sen I, Puri GD, **Bapuraj JR**: Early detection of cerebral vasospasm during a neurointerventional procedure using the BIS. *Anaesth Intensive Care* 33(5): 691-692, 2005. PM16235500
42. Saravanan K, Panda NK, Chakrabarti A, Das A, **Bapuraj RJ**: Allergic fungal rhinosinusitis: an attempt to resolve the diagnostic dilemma. (Mentored Paper) *Arch. Otolaryngol. Head Neck Surg.* 132(2): 173-178, 2006. PM16490875
43. Kang M, **Bapuraj JR**, Khandelwal N, Kochhar R, Kalra N, Verma GR: Liver abscess associated with hepatic artery pseudoaneurysm with arteriovenous fistula: imaging and interventional management. *Acta Radiol* 47(2): 162-166, 2006. PM16604962
44. **Bapuraj JR**, Ojili V, Singh SK, Prasad GR, Khandelwal N, Suri S: Preoperative embolization of a large vaginal leiomyoma: report of a case and review of the literature. *Australas Radiol* 50(2): 179-182, 2006. PM16635039
45. Khandelwal N, Agarwal A, Kochhar R, **Bapuraj JR**, Singh P, Prabhakar S, Suri S: Comparison of CT venography with MR venography in cerebral sinovenous thrombosis. *AJR Am J Roentgenol* 187(6): 1637-1643, 2006. PM17114562
46. **Bapuraj JR**, Ojili V, Khandelwal N, Kaza RK, Krishna A, Shanbhogue P, Chhabra R: Saccular aneurysm of the azygos anterior cerebral artery: a report of 2 cases and review of literature *Indian J Radiol Imaging* 17: 153-155, 2007. Embase accession 2007482700
47. Wankhar B, **Bapuraj JR**, Gupta AK, Khandelwal N, Saxena AK, Batchala PP, Gandhi D: Chronic sphenoid sinusitis revisited: comparison of multidetector axial sections, multiplanar reconstructions, and virtual sinoscopy with endoscopic sinus surgery. *Arch. Otolaryngol. Head Neck Surg.* 133(7): 710-716, 2007. PM17638786
48. Garg MK, Lal A, **Bapuraj RJ**: Congenital hepatoportal arteriovenous fistula leading to segmental portal hypertension and splenic vein thrombosis. *J. Pediatr. Gastroenterol. Nutr.* 45(2): 265-267, 2007. PM17667727
49. **Bapuraj JR**, Parmar HA, Blaivas M, Muraszko KM: Imaging features of clear-cell ependymoma of the spinal cord. *Pediatr Radiol* 37(4): 384-387, 2007. PM17279401

50. Gupta SK, Khosla VK, Chhabra R, Mohindra S, **Bapuraj JR**, Khandelwal N, Mukherjee KK, Tewari MK, Pathak A, Mathuriya SN: Internal carotid artery bifurcation aneurysms: surgical experience. *Neurol. Med. Chir. (Tokyo)* 47(4): 153-157, 2007. PM17457018
51. Panda NK, Parida PK, Sharma R, Jain A, **Bapuraj JR**: A clinicrodiologic analysis of symptomatic craniofacial fibro-osseous lesions. *Otolaryngol Head Neck Surg* 136(6): 928-933, 2007. PM17547981
52. Jain AK, Gupta AK, Pathak A, Bhansali A, **Bapuraj JR**: Excision of pituitary adenomas: randomized comparison of surgical modalities. *Br J Neurosurg* 21(4): 328-331, 2007. PM17676450
53. **Bapuraj JR**, Ojili V, Khandelwal N, Shanbhogue AK, Gupta SK: Basilar artery aneurysm treated with coil embolization via persistent primitive hypoglossal artery. *Australas Radiol* 51(SUPPL. 4): B340-B343, 2007. PM17991102
54. **Bapuraj JR**, Kochhar R, Nijhawan R, Khandelwal N, Sodhi KS, Suri S: Kimura disease: an unusual cause of cervical lymphadenopathy with salivary gland involvement. *J Otolaryngol* 36(6): E100-102, 2007. PM18076832
55. Gupta V, Galwa R, Khandelwal N, **Bapuraj JR**: Postpyelolithotomy renal artery pseudoaneurysm management with percutaneous thrombin injection: a case report. *Cardiovasc Intervent Radiol* 31(2): 422-426, 2008. PM17943349
56. Jain AK, Gupta AK, Pathak A, Bhansali A, **Bapuraj JR**: Endonasal transsphenoidal pituitary surgery: is tumor volume a key factor in determining outcome? *Am J Otolaryngol* 29(1): 48-50, 2008. PM18061832
57. Bagga R, Verma P, Aggarwal N, Suri V, **Bapuraj JR**, Kalra N: Failed angiographic embolization in uterine arteriovenous malformation: a case report and review of the literature. *Medscape J Med* 10(1): 12, 2008. PM18324322/PMC2258466
58. Pandey AK, **Bapuraj JR**, Gupta AK, Khandelwal N: Is there a role for virtual otoscopy in the preoperative assessment of the ossicular chain in chronic suppurative otitis media? Comparison of HRCT and virtual otoscopy with surgical findings. *Eur Radiol* 19(6): 1408-1416, 2009. PM19153741
59. Puri GD, Sen I, **Bapuraj JR**: Adenosine-induced cardiac standstill to facilitate endovascular embolisation of cerebral arteriovenous malformations in children. *Anaesth Intensive Care* 37(4): 619-623, 2009. PM19681422
60. Sudhakar P, **Bapuraj JR**: CT demonstration of dorsal midbrain hemorrhage in traumatic fourth cranial nerve palsy. *J Neuroophthalmol* 30(1): 59-63, 2010. PM20182210
61. Brown DL, **Bapuraj JR**, Mukherji SK, Chervin RD, Concannon M, Helman JI, Lisabeth LD: MRI of the pharynx in ischemic stroke patients with and without obstructive sleep apnea. *Sleep Med.* 11(6): 540-544, 2010. PM20466584/PMC2897708
62. Modi M, **Bapuraj JR**, Lal A, Prabhakar S, Khandelwal N: Vertebral arteriovenous fistula presenting as cervical myelopathy: a rapid recovery with balloon embolization. *Cardiovasc Intervent Radiol* 33(6): 1253-1256, 2010. PM19768495/PMC-
63. Strahle J, Muraszko KM, Kapurch J, **Bapuraj JR**, Garton HJ, Maher CO: Chiari malformation Type I and syrinx in children undergoing magnetic resonance imaging. *J Neurosurg Pediatr* 8(2): 205-213, 2011. PM21806364
64. Strahle J, Muraszko KM, Kapurch J, **Bapuraj JR**, Garton HJ, Maher CO: Natural history of Chiari malformation Type I following decision for conservative treatment. *J Neurosurg Pediatr* 8(2): 214-221, 2011. PM21806365
65. Sarkar S, Donn SM, **Bapuraj JR**, Bhagat I, Dechert RE, Barks JD: The Relationship between Clinically Identifiable Intrapartum Sentinel Events and Short-Term Outcome after Therapeutic Hypothermia. *J. Pediatr.* 159(5): 726-730, 2011. PM21596389
66. Sarkar S, Barks JD, **Bapuraj JR**, Bhagat I, Dechert RE, Schumacher RE, Donn SM: Does phenobarbital improve the effectiveness of therapeutic hypothermia in infants with hypoxic-ischemic encephalopathy? *J Perinatol* 32(1): 15-20, 2012. PM21527909

67. Grabe HM, **Bapuraj JR**, Wesolowski JR, Parmar H, Trobe JD: Homonymous hemianopia from infarction of the optic tract and lateral geniculate nucleus in deep cerebral venous thrombosis. *J Neuroophthalmol* 32(1): 38-41, 2012. PM22330851
68. Sarkar S, Donn SM, **Bapuraj JR**, Bhagat I, Barks JD: Distribution and severity of hypoxic-ischaemic lesions on brain MRI following therapeutic cooling: selective head versus whole body cooling. *Arch. Dis. Child. Fetal Neonatal Ed.* 97(5): F335-339, 2012. PM22933091
69. Bag S, Behera A, Khandelwal N, **Bapuraj JR**, Vasishtha RK: Improvement in Blood Supply After "Heparin-Dextran" Therapy in Patients of Buerger's Disease with Critical Limb Ischemia. *The Indian journal of surgery* 75(6): 462-8, 2013. PM24465103
70. Sarkar S, Bhagat I, **Bapuraj JR**, Dechert RE, Donn SM: Does clinical status 1 week after therapeutic hypothermia predict brain MRI abnormalities? *J Perinatol* 33(7): 538-542, 2013. PM23370607
71. Shellhaas RA, Thelen BJ, **Bapuraj JR**, Burns JW, Swenson AW, Christensen MK, Wiggins SA, Barks JD: Limited short-term prognostic utility of cerebral NIRS during neonatal therapeutic hypothermia *Neurology* 81(3): 249-255, 2013. PM23771483
72. Smith BW, Strahle J, **Bapuraj JR**, Muraszko KM, Garton HJ, Maher CO: Distribution of cerebellar tonsil position: Implications for understanding Chiari malformation *J. Neurosurg.* 119(3): 812-819, 2013. PM23767890
73. Gupta RK, **Bapuraj JR**, Khandelwal N, Khurana D: Prognostic indices for cerebral venous thrombosis on CT perfusion: a prospective study. *European journal of radiology* 83(1): 185-90, 2014. PM24172883
74. Sarkar S, Askenazi DJ, Jordan BK, Bhagat I, **Bapuraj JR**, Dechert RE, Selewski DT: Relationship between acute kidney injury and brain MRI findings in asphyxiated newborns after therapeutic hypothermia *Pediatr. Res.* 75(3): 431-435, 2014. PM24296799
75. Strahle J, Smith BW, Martinez M, **Bapuraj JR**, Muraszko KM, Garton HJ, Maher CO: The association between Chiari malformation Type I, spinal syrinx, and scoliosis. *Journal of neurosurgery. Pediatrics* 15(6): 607-11, 2015. PM26030330
76. **Bapuraj JR**, Londy FJ, Delavari N, Maher CO, Garton HJ, Martin BA, Muraszko KM, Ibrahim el-SH, Quint DJ: Cerebrospinal fluid velocity amplitudes within the cerebral aqueduct in healthy children and patients with Chiari I malformation *Journal of Magnetic Resonance Imaging* 44(2): 463-470, 2016. PM26788935
77. Alves, T.; Ibrahim, E.-S.; Martin, B.A.; Malyarenko, D.; Maher, C.; Muraszko, K.M.; Garton, H.J.; Srinivasan, A.; **Bapuraj, J.R.**: Principles, Techniques, and Clinical Applications of Phase-Contrast Magnetic Resonance Cerebrospinal Fluid Imaging *Neurographics Volume 7*(3): 199-210(12), 2017.
78. Farzaneh N, Reza Soroushmehr SM, Williamson CA, Cheng Jiang, Srinivasan A, **Bapuraj JR**, Ward KR, Korley FK, Najarian K: Automated subdural hematoma segmentation for traumatic brain injured (TBI) patients. *Conf Proc IEEE Eng Med Biol Soc 2017*: 3069-3072, 2017. PM29060546
79. Houston JR, Eppelheimer MS, Pahlavian SH, Biswas D, Urbizu A, Martin BA, **Bapuraj JR**, Luciano M, Allen PA, Loth F: A morphometric assessment of type I Chiari malformation above the McRae line: A retrospective case-control study in 302 adult female subjects. *J Neuroradiol* 45(1): 23-31, 2017. PM28826656
80. Bazerbashi MF, **Bapuraj JR**, McKean EL: A Painful Infraorbital Mass. *JAMA Otolaryngol Head Neck Surg* 144(6): 533-534, 2018. PM29800977
81. Eppelheimer MS, Houston JR, **Bapuraj JR**, Labuda R, Loth DM, Braun AM, Allen NJ, Heidari Pahlavian S, Biswas D, Urbizu A, Martin BA, Maher CO, Allen PA, Loth F: A Retrospective 2D Morphometric Analysis of Adult Female Chiari Type I Patients with Commonly Reported and Related Conditions. *Front Neuroanat* 12: 2, 2018. PM29403363/PMC5785719
82. Gupta S, **Bapuraj JR**, Carlson G, Trumpower E, Dechert RE, Sarkar S: Predicting the need for home gavage or g-tube feeds in asphyxiated neonates treated with therapeutic hypothermia. *J Perinatol* 38(6): 728-733, 2018. PM29487351/29487351
83. Biswas D, Eppelheimer MS, Houston JR, Ibrahimy A, **Bapuraj JR**, Labuda R, Allen PA, Frim D, Loth F:

- Quantification of Cerebellar Crowding in Type I Chiari Malformation. *Ann Biomed Eng* 47(3): 731-743, 2019. PM30535814
84. Nwotchouang BST, Eppelheimer MS, Bishop P, Biswas D, Andronowski JM, **Bapuraj JR**, Frim D, Labuda R, Amini R, Loth F: Three-Dimensional CT Morphometric Image Analysis of the Clivus and Sphenoid Sinus in Chiari Malformation Type I. *Ann Biomed Eng* 47(11): 2284-2295, 2019. PM31187348
 85. Houston JR, Allen PA, Rogers, JM, Lien MC ,Allen NJ, **Bapuraj JR** , Eppelheimer, MS,Loth, F, Stoodley MS, Vorster SJ, Luciano MG.: Type I Chiari Malformation, RBANS Performance, and Brain Morphology: Connecting the Dots on Cognition and Macrolevel Brain Structure *Neuropsychology* 33(5): 725-738, 2019. 31094552
 86. Eppelheimer MS, Biswas D, Braun AM, Houston JR, Allen PA, **Bapuraj JR**, Labuda R, Loth DM, Frim D, Loth F.: Quantification of changes in brain morphology following posterior fossa decompression surgery in women treated for Chiari malformation type 1. *Neuroradiology* 61(9): 1011-1022, 2019. 31119343
 87. **Bapuraj JR**, Bruzek AK, Tarpeh JK, Pelissier L, Garton HJL, Anderson RCE, Nan B, Ma T, Maher CO: Morphometric changes at the craniocervical junction during childhood. *J Neurosurg Pediatr* 24: 227-235, 2019. PM31226679
 88. Delavari N, Wang AC, **Bapuraj JR** , Londy F, Muraszko KM, Garton HJL, Maher CO.: Intraoperative Phase Contrast MRI Analysis of Cerebrospinal Fluid Velocities During Posterior Fossa Decompression for Chiari I Malformation. *J Magn Reson Imaging* 51(5): 1463-1470, 2019. 31667928
 89. Houston JR, Allen NJ, Eppelheimer MS, **Bapuraj JR**, Biswas D, Allen PA, Vorster SJ, Luciano MG, Loth F.: Evidence for sex differences in morphological abnormalities in type I Chiari malformation. *Neuroradiol J.* 32(6): 458-466, 2019. PMC6856994
 90. Nwotchouang BST, Eppelheimer MS, Ibrahimy A, Houston JR, Biswas D, Labuda R, **Bapuraj JR**, Allen PA, Frim D, Loth F: Clivus length distinguishes between asymptomatic healthy controls and symptomatic adult women with Chiari malformation type I. *Neuroradiology* 62(11): 1389-1400, 2020. PM32418026
 91. Negar Farzaneh, Craig Williamson, Cheng Jiang, Ashok Srinivasan, **Jayapalli Bapuraj**, Jonathan Gryak, Kayvan Najarian, S.M.Reza Soroushmehr: Automated Segmentation and Severity Analysis of Subdural Hematoma for Patients with Traumatic Brain Injuries *Diagnostics* 10(10): 773-776, 2020.
 92. Lee J, Wang N, Turk S, Mohammed S, Lobo R, Kim J, Liao E, Camelo-Piragua S, Kim M, Junck L, **Bapuraj J**, Srinivasan A, Rao A.: Discriminating pseudoprogession and true progression in diffuse infiltrating glioma using multi-parametric MRI data through deep learning. *Sci Rep* 10(1): 20331, 2020. PMC7683728
 93. Maitane García, M.A.; Maggie Eppelheimer, Ph.D.; James Houston, Ph.D.; Michelle Hughes, M.A.; Blaise Nwotchouang, Ph.D.; Kevin Kaut, Ph.D.; Richard Labuda, M.S.; **Rajiv Bapuraj**, M.D.; Jahangir Maleki, M. D.; Petra Klinge, M.D.; Sarel Vorster, M.D.; Mark Luciano, M.D.; Francis Loth, Ph.D.; Philip Allen, Ph.D.: Adult Age Differences in Self-Reported Pain and Anterior CSF Space in Chiari Malformation The Cerebellum doi: 10.1007/s12311-021-01289-w.(doi: 10.1007/s12311-021-01289-w.): doi: 10.1007/s12311-021-01289-w., 2021. 34247260
 94. Ibrahim M, Ghazi TU, **Bapuraj JR**, Srinivasan A.: Contrast Pediatric Brain Perfusion: Dynamic Susceptibility Contrast and Dynamic Contrast-Enhanced MR Imaging. *Magn Reson Imaging Clin N Am.* 29 (4): 515-526, 2021.
 95. Sarkar SS, Gupta S, **Bapuraj JR**, Dechert RE, Sarkar S.: Brainstem hypoxic-ischemic lesions on MRI in infants treated with therapeutic cooling: effects on the length of stay and mortality. *J Perinatol.* 41(3): 512-518, 2021. 33223525
 96. Nwotchouang BST, Ibrahimy A, Loth DM, Labuda E, Labuda N, Eppelheimer M, Labuda R, **Bapuraj JR**, Allen PA, Klinge P, Loth F.: Imaging and health metrics in incidental cerebellar tonsillar ectopia: findings from the Adolescent Brain Cognitive Development Study (ABCD). *Neuroradiology* doi: 10.1007/s00234-021-02759-y.: doi: 10.1007/s00234-021-02759-y., 2021. 34247260
 97. **Bapuraj JR**, Wang N, Srinivasan A, Rao A.: Advanced Imaging and Computational Techniques for the Diagnostic and Prognostic Assessment of Malignant Gliomas. *Cancer J.* 27(5): 344-352, 2021. 8480516.

98. Prabhudesai S, Wang NC, Ahluwalia V, Huan X, **Bapuraj JR**, Banovic N, Rao A.: Stratification by Tumor Grade Groups in a Holistic Evaluation of Machine Learning for Brain Tumor Segmentation *Front Neurosci*. 5: doi: 10.3389/fnins.2021.740353., 2021. 8526730.
99. Ibrahim M, Ghazi TU, **Bapuraj JR**, Srinivasan A. Contrast Pediatric Brain Perfusion: Dynamic Susceptibility Contrast and Dynamic Contrast-Enhanced MR Imaging. *Magn Reson Imaging Clin N Am*. 2021 Nov;29(4):515-526. doi: 10.1016/j.mric.2021.06.004. PMID: 34717842.
100. Lobo R, Turk S, **Bapuraj JR**, Srinivasan A. Advanced CT and MR Imaging of the Posttreatment Head and Neck. *Neuroimaging Clin N Am*. 2022 Feb;32(1):133-144. doi: 10.1016/j.nic.2021.08.013. PMID: 34809834.
101. Ota Y, Srinivasan A, Capizzano AA, **Bapuraj JR**, Kim J, Kurokawa R, Baba A, Moritani T. Central Nervous System Systemic Lupus Erythematosus: Pathophysiologic, Clinical, and Imaging Features. *Radiographics*. 2022 Jan-Feb;42(1):212-232. doi: 10.1148/rg.210045. PMID: 34990324.
102. Chaudhary N, **Bapuraj RJ**. Radiogenomics for Pediatric Medulloblastoma to Predict Tumor Subtypes and Guide Therapy. *Radiology*. 2022 Aug;304(2):417-418. doi: 10.1148/radiol.213165. Epub 2022 Apr 19. PMID: 35438567.
103. Kurokawa R, Kurokawa M, Holmes A, Baba A, **Bapuraj J**, Capizzano A, Kim J, Srinivasan A, Moritani T. Skull metastases and osseous venous malformations: The role of diffusion-weighted and dynamic contrast-enhanced MRI. *J Neuroimaging*. 2022 Nov;32(6):1170-1176. doi: 10.1111/jon.13034. Epub 2022 Aug 3. PMID: 35922879; PMCID: PMC9804853.
104. Kurokawa M, Kurokawa R, Baba A, Kim J, Tournade C, Mchugh J, Trobe JD, Srinivasan A, **Bapuraj JR**, Moritani T. Deadly Fungi: Invasive Fungal Rhinosinusitis in the Head and Neck. *Radiographics*. 2022 Nov-Dec;42(7):2075-2094. doi: 10.1148/rg.220059. Epub 2022 Sep 30. Erratum in: *Radiographics*. 2023 Jan;43(1):e229015. PMID: 36178803.
105. Kurokawa R, Kurokawa M, Baba A, Kim J, Capizzano A, **Bapuraj J**, Srinivasan A, Moritani T. Differentiation of pilocytic astrocytoma, medulloblastoma, and hemangioblastoma on diffusion-weighted and dynamic susceptibility contrast perfusion MRI. *Medicine (Baltimore)*. 2022 Nov 4;101(44):e31708. doi: 10.1097/MD.00000000000031708. PMID: 36343086; PMCID: PMC9646672.
106. **Bapuraj JR**, Chaudhary N. MRI-visible Dilated Perivascular Spaces in the Healthy Brain. *Radiology*. 2023 Mar;306(3):e22584. doi: 10.1148/radiol.222584. Epub 2022 Nov 15. PMID: 36378036.
107. Pati S, Baid U, Edwards B, Sheller M, Wang SH, Reina GA, Foley P, et al. Federated learning enables big data for rare cancer boundary detection. *Nat Commun*. 2022 Dec 5;13(1):7346. doi: 10.1038/s41467-022-33407-5. Erratum in: *Nat Commun*. 2023 Jan 26;14(1):436. PMID: 36470898; PMCID: PMC9722782.
108. Kurokawa M, Kurokawa R, Baba A, Kim J, Tournade C, Mchugh J, Trobe JD, Srinivasan A, **Bapuraj JR**, Moritani T. Deadly Fungi: Invasive Fungal Rhinosinusitis in the Head and Neck. *Radiographics*. 2023 Jan;43(1):e229015. doi: 10.1148/rg.229015. Erratum for: *Radiographics*. 2022 Nov-Dec;42(7):2075-2094.
109. Ota Y, Curaudeau G, Liao E, **Bapuraj J**, Baba A, Shah G, Srinivasan A. Precise differentiation between jugular foramen paragangliomas and metastases: utility of diffusion-weighted and dynamic contrast-enhanced magnetic resonance imaging. *Neuroradiology*. 2023 Apr;65(4):805-813. doi: 10.1007/s00234-023-03113-0.
110. Kurokawa R, Kurokawa M, Baba A, Nakaya M, Kato S, **Bapuraj J**, Nakata Y, Ota Y, Srinivasan A, Abe O, Moritani T. Neuroimaging of hypophysitis: etiologies and imaging mimics. *Jpn J Radiol*. 2023 Sep;41(9):911-927. doi: 10.1007/s11604-023-01417-y. Epub 2023 Apr 3. PMID: 37010787; PMCID: PMC10468747.
111. Kurokawa R, Kurokawa M, Isshiki S, Harada T, Nakaya M, Baba A, Naganawa S, Kim J, **Bapuraj J**, Srinivasan A, Abe O, Moritani T. Dural and Leptomeningeal Diseases: Anatomy, Causes, and Neuroimaging Findings. *Radiographics*. 2023 Aug;43(9):e230039. doi: 10.1148/rg.230039. PMID: 37535461.

112. Warner E, Lee J, Krishnan S, Wang N, Mohammed S, Srinivasan A, **Bapuraj J**, Rao A. Low-parameter supervised learning models can discriminate pseudoprogression and true progression in non-perfusion-based MRI. *Annu Int Conf IEEE Eng Med Biol Soc.* 2023 Jul;2023:1-4. doi: 10.1109/EMBC40787.2023.10340435. PMID: 38083692.
113. Haliyur R, Kim JS, Mohan S, Iskowitz S, Bommakanti N, **Bapuraj JR**, Adler J, Elner VM, Demirci H. Orbital biopsy findings consistent with granulomatosis polyangiitis in a 14-year-old boy with Crohn's disease. *Orbit.* 2023 Dec 13:1-4. doi: 10.1080/01676830.2023.2287625. Epub ahead of print. PMID: 38087973.
114. Bhagat I, Sarkar R, **Bapuraj JR**, Sarkar S. Routine Echocardiography is not Required in Neonates with Arterial Ischemic Stroke. *Am J Perinatol.* 2024 Jan 12. doi: 10.1055/a-2237-8711. Epub ahead of print. PMID: 38171384.
115. Saberi S, Bushman J, Sinha S, Shlensky D, **Bapuraj J**, Esfandiari NH. Kissing Carotid Arteries Causing Male Hypogonadotropic Hypogonadism. *AACE Clin Case Rep.* 2023 Nov 11;10(1):31-32. doi: 10.1016/j.aace.2023.11.003. PMID: 38303764; PMCID: PMC10829867.
116. Mishra S, **Bapuraj J**, Srinivasan A. Multiple Sclerosis Part 2: Advanced Imaging and Emerging Techniques. *Magn Reson Imaging Clin N Am.* 2024 May;32(2):221-231. doi: 10.1016/j.mric.2024.01.002. Epub 2024 Feb 9. PMID: 38555138.
117. Lee JS, Kim J, **Bapuraj JR**, Srinivasan A. Comparison of Image Quality and Radiation Dose in Pediatric Temporal Bone CT Using Photon-Counting Detector CT and Energy-Integrating Detector CT. *AJNR Am J Neuroradiol.* 2024 Sep 9;45(9):1322-1326. doi: 10.3174/ajnr.A8276. PMID: 38589057; PMCID: PMC11392378.
118. **Bapuraj JR**, Chaudhary N, Masood K, Srinivasan A. The Current Role of SWI in Imaging Cerebrovascular Disorders: Susceptible to Further Advances. *Seminars in Roentgenology* 2024 Feb 28 doi.org/10.1053/j.ro.2024.01.004. Epub ahead of print.
119. Allen PA, Loth F, Loth D, Al Samman MM, Labuda R, Herrera C, **Bapuraj JR**, Klinge PM. Correlation of anterior CSF space in the cervical spine with Chicago Chiari Outcome Scale score in adult females. *J Neurosurg Spine.* 2024 Dec 6;42(3):299-308. doi: 10.3171/2024.7.SPINE24370. PMID: 39642381.
120. Kelsey LJ, Seiberlich N, **Bapuraj J**, Rivas F, Masotti M, Gulani V, Mishra S. Clinical MR imaging of patients with spinal hardware at 0.55T: comparison of diagnostic assessment and metal artifact appearance with 1.5T. *Eur Spine J.* 2025 Feb 3. doi: 10.1007/s00586-025-08701-7. Epub ahead of print. PMID: 39894833.
121. Kelsey LJ, Seiberlich N, Morehouse J, Richardson J, Srinivasan A, **Bapuraj J**, Kim J, Gulani V, Mishra S. Routine and Advanced Neurologic Imaging at 0.55-T MRI: Opportunities and Challenges. *Radiographics.* 2025 Mar;45(3):e240076. doi: 10.1148/rg.240076. PMID: 39946265.
122. Towards Fair Decentralized Benchmarking of Healthcare AI Algorithms with the Federated Tumor Segmentation (FeTS) Challenge” Spyridon Bakas, Maximilian Zenk, Ujjwal Baid, Sarthak Pati et al. Accepted for Publication In *Nature Communications* (reference number: NCOMMS-24-37170C),
123. Using the Patient Education Materials Assessment Tool (PEMAT) to assess Parkinson's Disease informational content websites Ashok P, Lim JG, **Bapuraj JR**, Masotti M, Spears CC. 2025 Jul 12; 8 (4):DOI:10.64336/001c.126843.
124. Rajeev R, Kelsey LJ, Seiberlich N, Srinivasan A, Ibrahim M, Liao E, Masotti M, Perera C, Gulani V, **Bapuraj J**, Mishra S. Temporal Bone Anatomy at 0.55 T: Comparison to 1.5/3T MR and High-Resolution CT. *Acad Radiol.* 2025
125. Roberts NB, Xie T, Falk H, **Bapuraj J**, Demski D, Gherasim C, Fung CM, Haas NL, Kocher KE, Seagly KS, Medlin RP, Kallabat A, Askar A, Joseph J, Schipper MJ, Korley FK. Glial Fibrillary Acidic Protein and Ubiquitin C-Terminal Hydrolase L1 for Acute Traumatic Intracranial Lesions: The PIONEER Diagnostic Accuracy Study. *Ann Emerg Med.* 2025 Oct 9:S0196-0644(25)01218-1.

Non-Peer-Reviewed Journals and Publications

1. Sharma, SC, Singhal, SK, Panda, N, **Bapuraj, JR.**: Penetrating foreign body causing pseudo aneurysm of vertebral artery. *Otolaryngol* 47: 1336-37, 1997.
2. **Bapuraj JR**, Bilwani RP, Gupta I, Chawla Y, Suri S, Khandelwal N: Endovascular management of postpartum hemorrhage in a case of Hepatitis E complicating pregnancy *Asian journal of Obstetrics and Gynecological Practice* 21: 181-2, 2000.
3. Khandelwal N, Mani N, Singh P, **Bapuraj J**, Pathak A, Suri S: Subdural empyema in the pediatric age group – a radiological evaluation *Journal of Neuroradiology* 29: 219-224, 2002.
4. **Bapuraj JR**, Perni, K, Gomez-Hassan D, MD, Srinivasan A: Imaging Surveillance of Gliomas: Role of Basic and Advanced Imaging Techniques *Radiological Clinics of North America* 59(3): 395-407, 2021.

Book Chapters

1. Khandelwal N, **Bapuraj JR**: Imaging of acute spinal trauma. *Diagnostic Radiology: Emergency and Chest Radiology*, Berry M, Mukhopadhyay S, Suri S (Eds.) Jaypee, New Delhi, 1996. 63-71
2. **Bapuraj JR**, Khandelwal N.: Current concepts in the diagnostic evaluation of facial trauma. *Diagnostic Radiology: Emergency and Chest Radiology*, Berry M, Mukhopadhyay S, Suri S (Eds.) Jaypee, New Delhi, 1996. 56-62
3. **Bapuraj JR**, Katariya S, Khandelwal N.: Congenital brain anomalies. *Diagnostic Radiology: Pediatric Radiology*, Berry M, Suri S., Chowdhury V (Eds.) Jaypee, New Delhi, 1997. 236-247
4. Khandelwal N. **Bapuraj JR**: Imaging of sub-arachnoid hemorrhage. *Diagnostic Radiology: Neuroradiology and Head and Neck Imaging*, Berry M, Suri S, Chowdhury V (Eds.) Jaypee, New Delhi, 1999. 105-120
5. **Bapuraj JR**, Khandelwal N: Imaging of the paranasal sinuses. *Diagnostic Radiology: Neuroradiology and Head and Neck Imaging*, Berry M, Suri S, Chowdhury V (Eds.) Jaypee, New Delhi, 1999.
6. **Bapuraj JR**. Khandelwal N: Imaging of the Temporal Bone. *Diagnostic Radiology: Neuroradiology and Head Neck Imaging*, Berry M, Suri S, Chowdhury V (Eds.) Jaypee, New Delhi, 1999. 233-250
7. Khandelwal N, **Bapuraj JR**: Endovascular measurement of craniofacial lesions. *Diagnostic Radiology: Neuroradiology and Head and Neck Imaging*, Berry M, Suri S, Chowdhury V (Eds.) Jaypee, New Delhi, 1999.
8. Khandelwal N, **Bapuraj JR**: Imaging of the craniovertebral junction. *Diagnostic Radiology: Neuroradiology and Head and Neck Imaging*, Berry M, Suri S. Chowdhury V (Eds.) Jaypee, New Delhi, 1999. 265-284
9. **Bapuraj JR**, Khandelwal N, and Singh P: Functional MRI. *Diagnostic Radiology: Recent Advances in Imaging*, Berry M, Suri S, Chowdhury V (Eds.) Jaypee, New Delhi, 2000. 145-153
10. Sandhu MS, **Bapuraj JR**: Non-tubercular infections of the spine. *Diagnostic Radiology: Musculoskeletal and Breast imaging*, Second Edition, Berry M, Chowdhury V Mukhopadhyaya S, Suri S (Eds.) Jaypee, New Delhi, 2004. 130-148
11. **Bapuraj JR**, Katariya S, Khandelwal N.: Inflammatory diseases of the brain. *Diagnostic Radiology: Pediatric Radiology Second Edition*, Berry M, Suri S, Chowdhury V (Eds.) Jaypee, New Delhi, 2004. 366-383
12. **Bapuraj JR**, Katariya S, Khandelwal N.: *Congenital brain anomalies*. *Diagnostic Radiology: Pediatric Radiology Second Edition*, Berry M, Suri S. Chowdhury V (Eds.) Jaypee, 2004. 313-329
13. Khandelwal N, **Bapuraj JR**: Imaging in Subarachnoid Hemorrhage. *Diagnostic Radiology: Neuroradiology and Head & Neck Imaging*, Second Edition, Berry M, Suri S, Chowdhury V, Mukhopadhyay S (Eds.) Jaypee, New Delhi, 2006. 126-144
14. Khandelwal N, **Bapuraj JR**: Craniovertebral Junction Anomalies

- . Diagnostic Radiology: Neuroradiology and Head & Neck Imaging, Second Edition, Berry M, Suri S, Chowdhury V, Mukhopadhyay S (Eds.) Jaypee, New Delhi, 2006. 582-599
15. Khandelwal N, **Bapuraj JR**: Imaging in Acute Spinal Trauma. Diagnostic Radiology: Neuroradiology and Head & Neck Imaging, Second Edition, Berry M, Suri S, Chowdhury V, Mukhopadhyay S (Eds.) Jaypee, New Delhi, 2006. 647-662
 16. **Bapuraj JR**, Khandelwal N: Imaging of Facial Trauma. Diagnostic Radiology: Neuroradiology and Head & Neck Imaging, Second Edition, Berry M, Suri S, Chowdhury V, Mukhopadhyay S (Eds.) Jaypee, New Delhi, 2006. 634-646
 17. Khandelwal N, **Bapuraj JR**: Endovascular management of Craniofacial Vascular Lesions. Diagnostic Radiology: Neuroradiology and Head & Neck Imaging, Second Edition, Berry M, Suri S, Chowdhury V, Mukhopadhyay S (Eds.) Jaypee, New Delhi, 2006. 600-612
 18. **Bapuraj JR**, Khandelwal N: Imaging of the Paranasal Sinuses. Diagnostic Radiology: Neuroradiology and Head & Neck Imaging, Second Edition, Berry M, Suri S, Chowdhury V, Mukhopadhyay S (Eds.) Jaypee, New Delhi, 2006. 458-486
 19. **Bapuraj JR**, Khandelwal N: Imaging of the Temporal Bone. Diagnostic Radiology: Neuroradiology and Head & Neck Imaging, Second Edition, Berry M, Suri S, Chowdhury V, Mukhopadhyay S (Eds.) Jaypee, New Delhi, 2006. 416-436
 20. **Jayapalli Rajiv Bapuraj**, Toshio Moritani, Shotaro Naganawa, Akio Hiwatashi, Christopher Becker, Yoshie Umemura: Brain Neoplasms. Diffusion-Weighted MR Imaging of the Brain, Head and Neck, and Spine, Toshio Moritani, Aristides A. Capizzano Springer International Publications, 2021. 2, 13, 521-625

Abstracts

1. Mishra NK, Khosla A, Goulatia RK, **Bapuraj JR**.: Vein of Galen Malformations, All India Institute of Medical Sciences at the 6th Asian Oceanian Congress of Radiology, New Delhi, India, 1991.
2. Venktaramu NK, **Bapuraj JR**, Khandelwal N, Gupta S, Suri S: Railroad technique of stent graft development in iliac artery aneurysm, Second meeting of the Indian Society of Vascular and Interventional Radiology and Indian Society of Neurology, Bangalore, India, 1999.
3. Makkar SS, Biswas G, **Bapuraj JR**, Chari PS: Influence of Host Vessels on Neovascularization in Flap Prefabrication, World Society for Reconstructive Microsurgery (WSRM) Inaugural Congress, Taipei, Taiwan, 2001.
4. Panday AK, **Bapuraj JR**, Gupta AK, Khandelwal N, Suri S: Diagnostic Accuracy of Virtual Otoscopy and 3D reconstructions in the pre-operative assessment of the ossicular chain in unsafe CSOM, 43rd Annual Meeting of the American Society of Neuroradiology, Toronto, Canada, 2005.
5. **Bapuraj JR**, Mitra S, Gupta AK, Arya V, Khandelwal N, Suri S: Efficacy of pre-operative embolization in juvenile angiofibroma with Respect to Blood Loss and Recurrence of Tumor, 43rd Annual Meeting of the American Society of Neuroradiology, Toronto, Canada, 2005.
6. **Bapuraj JR**, Choudhary S, Mittal BR, Khurana D, Khandelwal N, Singh P, Suri S: Comparative study of cerebrovascular reserve and angiographic flow patterns in patients with symptomatic carotid occlusive disease, 44th Annual Meeting of the American Society of Neuroradiology, San Diego, California, 2006.
7. **Bapuraj JR**, Kawatra N, Aggarwal AN, Gupta A, Khandelwal, N: Multidetector CT in obstructive sleep apnoea syndrome evaluation of the upper airway and CT cephalometric analysis, American Society of Neuroradiology 46th Annual Meeting, Chicago, Illinois, 2007.
8. **Bapuraj JR**, Kawatra N, Aggarwal AN, Gupta A, Khandelwal, N: Multidetector CT in obstructive sleep apnoea syndrome evaluation of the upper airway and CT cephalometric analysis, European Society of Neuroradiology XXXII Congress and 16th Advanced Course, Genoa, Italy, 2007.
9. **Bapuraj JR**, Harris RE, Xiang Y, Clauw D, Sundgren P: Diffusion Tensor Imaging and Correlations between Apparent Diffusion Coefficient, Fractional Anisotropy Values and Clinical Symptoms in Selected Pain Regions in the Brain in Fibromyalgia: A Controlled Prospective Study, American Society of Neuroradiology 47th Annual Meeting, New Orleans, Louisiana, 2008.

10. **Bapuraj JR**, Harris RE, Xiang Y, Clauw D, Sundgren P: Diffusion tensor imaging and correlations between apparent diffusion coefficient, fractional anisotropy values and clinical symptoms in selected pain regions in the brain in fibromyalgia: A controlled prospective study, American Society of Neuroradiology 47th Annual Meeting, New Orleans, LA, 2008.
11. **Bapuraj JR**: Diffusion tensor imaging and correlations between apparent diffusion coefficient, fractional anisotropy values and clinical symptoms in selected pain regions in the brain in fibromyalgia: A controlled prospective study, European Society for Magnetic Resonance in Magnetic Resonance in Medicine and Biology, Valencia, Spain, 2008.
12. **Bapuraj JR**, Quint D, Londy F, Myles J, Michelotti M, Rohrer S, Sundgren PM: Quantification and Correlation of Normal Cerebrospinal Fluid Flow at the Craniovertebral Junction and the Cerebral Aqueduct, American Society of Neuroradiology 48th Annual Meeting, Vancouver, Canada, 2009.
13. Kumar D, Khandelwal N, **Bapuraj R**, Khurana D, Sheoran R: Carotid Artery Disease: Comparison between Computed Tomographic Angiography and Digital Subtraction Angiography, American Society of Neuroradiology, Vancouver, Canada, 2009.
14. **Bapuraj JR**, Quint D, Londy F, Myles J, Khalatbari S, Murascko KM, Maher C, Hoban T, Michelotti M, Rohrer S: Quantification and Correlation of cerebral spinal fluid flow at the craniovertebral junction and within the cerebral aqueduct in normal controls and chiari I malformations: A prospective study, European Society of Neuroradiology, Athens, Greece, *Neuroradiology*, 51, 2009.
15. Sarkar S, Donn S, **Bapuraj, JR**, Bhagat I, Barks J: Distribution and severity of hypoxic-ischemic lesions on brain MRI following therapeutic cooling: Selective head versus whole body cooling, Joint Meeting of Pediatric Academic Society and Asian Society of Pediatric Research, Denver, CO, 2011.
16. **Bapuraj JR**, Londy FJ, Quint DJ, Maher C, Martin BA, Muraszko K, Sundgren P, Chenevert T: Prospective Assessment of Dynamic MR Scans and Phase-Contrast Cerebrospinal Fluid Flow MR Scans as Predictors of Surgical Outcome in Patients Undergoing Decompressive Surgery for Chiari I Malformations, American Society of Neuroradiology 50th Annual Meeting, New York, New York, 2012.
17. Sarkar S, Barks JD, Bhagat I, **Bapuraj JR**, Dechert RE, Donn SM: Distribution and severity of residual hypoxic-ischemic lesions on brain MRI following therapeutic cooling: Selective head versus whole body cooling., *Brain Injury*, 26, 4-5, 333, 2012.
18. Sarkar S, Jordan B, Bhagat I, **Bapuraj JR**, Dechert R, Selewski D: Relationship between acute kidney injury (AKI) using AKI network criteria and brain MRI findings in asphyxiated newborns after therapeutic hypothermia., *Archives of Disease in Childhood*, 97, 2012.
19. Maher CO, Muraszko KM, Garton H, Londy F, Martin B, Quint D, **Bapuraj JR**: Influence of neck position on cerebrospinal fluid velocity at the craniovertebral junction and within the aqueduct of sylvius in healthy subjects and patients with chiari I malformation, *Journal of Neurosurgery: Pediatrics*, 11, 3, 2013.
20. Metkees MK, **Bapuraj JR**, Srinivasan, A: Pituitary transection syndrome, *Eurorad*, 2015.
21. Gupta S, **Bapuraj J**, Dechert R, Carlson G, Trumppower E, Sarkar S.: Predicting the Need for Home Gavage or G-Tube Feeds in Asphyxiated Neonates Treated with Therapeutic Hypothermia, Annual PAS Meeting, Baltimore, MD, 2016.
22. Omar Eissa, MD, Sandra Ccamelo-Piragua, MD, **J Rajiv Bapuraj, MD**: Case of the Day, American Society of Neuroradiology 56th Annual Meeting & The Foundation of the American Society of Neuroradiology Symposium 2018, Vancouver Convention Centre Vancouver, BC Canada, 2018.
23. Sarkar SS, Gupta S, **Bapuraj J**, Dechert R, Sarkar S.: Brainstem hypoxic-ischemic lesions on MRI predict poor outcome in asphyxiated infants treated with therapeutic hypothermia., Annual PAS Meeting, Toronto, Canada, 2018.
24. Eppelheimer M, Braun A, Biswas D, Houston J, **Bapuraj B**, Loth F, Presenter: Maggie Eppelheimer: Chiari Malformation Brain Morphology after Decompression Surgery in Adult Female Participants, BMES 2018 Annual Meeting, Atlanta, Georgia, 2018.