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## **Education and Training**

### **Education**

12/1993-09/1998 MB BS, Bachelor of Medicine & Bachelor of Surgery, King George's Medical College, Lucknow, India

### **PostDoctoral Training**

10/1998-10/1999 Internship, Medicine and Surgery, Gandhi Memorial and Associated Hospitals, Lucknow, India  
01/2000-12/2002 Residency, Junior Resident, Radiodiagnosis, All India Institute of Medical Sciences, New Delhi, India  
01/2003-05/2003 Residency, Senior Residency, Radiodiagnosis, All India Institute of Medical Sciences, New Delhi, India  
07/2003-06/2004 Fellowship, Thoracic Imaging, The Ottawa Hospital at University of Ottawa, Ottawa, Canada  
07/2004-06/2005 Fellowship, Cardiac Radiology and Abdominal radiology, The Ottawa Hospital at The University of Ottawa, Ottawa, Canada  
07/2005-12/2005 Fellowship, Cardiothoracic Imaging, University of Michigan Health System, Ann Arbor, Michigan

### **Additional Education**

03/2008 Association of University Radiologists-Philips Academic Faculty Development Program, Seattle, Washington  
01/2009 Radiological Society of North America 4th Annual Clinical Trials Methodology Workshop, Scottsdale, Arizona  
07/2010 University of Michigan, School of Public Health's Graduate Summer Session course : Fundamentals of Biostatistics, Ann Arbor, Michigan  
10/2011-04/2013 MS, Clinical Research Design and Statistical Analysis, University of Michigan Health System, Ann Arbor, Michigan  
01/2019-04/2019 Leadership Academy, Ann Arbor, Michigan  
01/2019-06/2019 FCVC Transformational leadership program, Ann Arbor, Michigan  
05/2019-10/2020 Rudi Ansbacher Advancing Women in Academic Medicine Leadership Scholars Program, Ann Arbor, Michigan

## **Certification And Licensure**

### **Certification**

08/2001-04/2005 USMLE Steps II CK, Step I and Step II CS  
06/2005-present Educational Commission for Foreign Medical Graduates (ECFMG)  
07/2006 USMLE Step III  
06/2009-present Diagnostic Radiology (American Board of Radiology) - Diagnostic Radiology

### **Licensure**

10/1999-present India, Medical License

02/2002-present	India, Medical License
07/2005-present	State of Michigan, Controlled Substance
07/2005-present	State of Michigan, Medical License
07/2005-present	United States, DEA Registration

## **Academic, Administrative, Clinical, Research and Military Appointments**

### **Academic Appointments**

07/2005-06/2006	Clinical Lecturer, Department of Radiology, University of Michigan Health System, Ann Arbor, Michigan
07/2006-08/2011	Assistant Professor, Department of Radiology, University of Michigan Health System, Ann Arbor, Michigan
09/2011-08/2017	Associate Professor, Department of Radiology, University of Michigan Health System, Ann Arbor, Michigan
09/2017-present	Professor, Department of Radiology, University of Michigan Health System, Ann Arbor, Michigan

### **Administrative Appointments**

07/2009-present	Co-Director of Congenital Cardiovascular MRI, University of Michigan Health System, Ann Arbor, Michigan
08/2011-present	CVC Ambulatory Care Unit Medical Director, University of Michigan Health System, Ann Arbor, Michigan
02/2012-04/2018	Director, Medical Student Elective, Cardiothoracic Radiology, University of Michigan Health System, Ann Arbor, Michigan
04/2018-07/2019	Interim Division Director Cardiothoracic Radiology, University Of Michigan, Ann Arbor, Michigan
08/2019-present	Division Director Cardiothoracic Radiology, University of Michigan, Ann Arbor, Michigan

### **Clinical Appointments**

07/2005-present	Staff Physician, University of Michigan Health System, Ann Arbor, Michigan
07/2006-present	Staff Physician, Veteran Administration Ann Arbor Healthcare System, Ann Arbor, Michigan

### **Clinical Interests**

- Cardiothoracic Imaging

### **Grants**

#### **Current Grants**

*Impact of a patient-centered approach for communicating coronary calcium on cardiovascular health* ACR Fund for Collaborative Research in Imaging (FCRI)  
Prachi Agarwal, Karen Ordovas, Co-PI  
07/2021-06/2022

*Clinical Study Agreement MYK-461-005: A Randomized, Double-blind, Placebo-controlled Clinical Study to Evaluate Mavacamten (MYK-461) in Adults with Symptomatic Obstructive Hypertrophic Cardiomyopathy* MyoKardia, Inc.- 18-PAF06025  
Co-I with Effort (Principal Investigator: Sara Saberi)  
06/2018-03/2022. \$293,776 (\$75,319)

*SPIROMICS II Heart Failure Substudy* SubK-NIH-DHHS-US through a consortium with Columbia University- 19-PAF02625  
Co-I with Effort (Principal Investigator: Meilan K Han)  
06/2023. (\$190,583)

## **Past Grants**

*3U01EB01875304S1: Accelerated statistical image reconstruction methods for X-ray CT* NIH-DHHS-US- 19-PAF00406; 14-PAF00857  
Co-I with Effort (Principal Investigator: Jeffrey A Fessler)  
08/2014-07/2018. \$2,026,352

*5 R01 HL106545-04: Computer-aided detection of non-calcified plaques in coronary CT angiograms* NIH-DHHS-US-10-PAF04642  
Co-I with Effort (Principal Investigator: Chan, Heang-Ping)  
12/2010-11/2014. \$2,449,851

*Premature coronary artery disease in severe psoriasis* General Electric, Association of University Radiologists GE-Radiology Research Academic Fellowship (GERRAF) Program  
Agarwal PP, PI  
07/2009-06/2011

*Premature coronary artery disease in severe psoriasis* National Psoriasis Foundation  
Agarwal PP, PI  
04/2009-03/2010

*Premature coronary artery disease in psoriasis* Department of Radiology Seed Grant  
Agarwal PP, PI  
01/2009-01/2010. (\$25,000)

*AUR-Philips Academic Faculty Development Program: Travel grant* AUR-Philips  
Agarwal PP, PI  
03/2008

*Study of Perfusion and Anatomy's Role in CAD (SPARC)* Brigham and Women's Hospital  
Co-I with Effort (Principal Investigator: Di Carli MF, Hachamovitch R)  
09/2006-03/2008

## **Honors and Awards**

### **International**

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| 2003 | First Position in the Junior Image Interpretation Session, European Congress of Radiology (ECR), Vienna, Austria  |
| 2003 | Second Position in the "Cases of the Day" at the European Congress of Radiology (ECR), Vienna, Austria  |
| 2004 | Best Fellow Presentation at the International Congress of Radiology Meet, Montreal, Canada  |
| 2005 | Award for Best Scientific Paper Presentation: Image Guided Biopsies of Mesothelioma: Sensitivity and Incidence of Needle Tract Seeding Compared with Surgical Biopsies. The Ottawa Hospital, Ottawa Canada  |
| 2013 | Young Investigator Scholarship. Agarwal PP, Sayyoun M, Ghadimi Mahani M, Lu JC, Dorfman AL, Dillman J, Cascade PN. Reporting Coronary Artery Anatomy and Anomalies in Transposition of the Great Arteries at the 3rd World Congress of Thoracic Imaging, Seoul, South Korea |

### **National**

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|------|--|
| 2004 | Merit Award for Poster: Agarwal PP, Seely JM, Matzinger FR, Dennie C. Look-Alike Vascular Anomalies of the Thorax. 22nd Society of Thoracic Radiology Annual Meeting, Rancho Mirage, California  |
| 2004 | STR President's Award for Scientific Paper: Agarwal PP, Seely JM, Matzinger FR, Dennie C, Peterson RA, MacRae RM. Image Guided Biopsies of Mesothelioma: Sensitivity and Incidence of Needle Tract Seeding Compared with Surgical Biopsies. 22nd Society of Thoracic Radiology Annual Meeting, Rancho Mirage, California |

- 2006 Cum Laude Award for Educational Exhibit: Agarwal PP, Patel S, Matzinger FR, Kazerooni EA. Thoracic Aneurysms: Etiology, Significance and Radiologic Appearance. 92nd Annual Meeting of the Radiological Society of North America (RSNA), Chicago, Illinois
- 2009 Travel Award and Award for Best Abstract by a Trainee: Lu JC, Cotts T, Agarwal PP, Attili AK, Dorfman AL. Ventricular Function, Myocardial Delayed Enhancement and Patient-Reported Quality of Life in Adolescents and Adults with Repaired Tetralogy of Fallot. Midwest Pediatric Cardiology Society Meeting, Boston, Massachusetts
- 2010-2015 Listed in "Best Doctors in America"
- 2010 Certificate of Merit for Educational Exhibit: Agarwal PP, Attili A, Valverde I, Dorfman A, Lu J, Beerbaum P. Baffled by the Baffles? Baffles and Conduits Demystified. 96th Radiological Society of North America (RSNA) Annual Meeting, Chicago, Illinois
- 2010 Cum Laude for Educational Exhibit: Dillman J, Attili A, Dorfman A, Agarwal PP, Elshazly S, Strouse P. Vascular Rings and Slings: A Multimodality Radiologic Review. 96th Radiological Society of North America (RSNA) Annual Meeting, Chicago, Illinois
- 2011 Certificate of Merit for Educational Exhibit: Ghadimi Mahani M, Lu JC, Agarwal PP, Rigsby CK, Krishnamurthy R, Dorfman AL. Imaging of Pediatric Cardiac Masses. Radiological Society of North America (RSNA) Annual Meeting, Chicago, Illinois
- 2011 Certificate of Merit for Educational Exhibit: Savas H, Agarwal PP, Gross BH, Kazerooni EA. CT Appearance of Cystic Lung Diseases: Spectrum of 'Horses' and 'Zebras'. Society of Thoracic Radiology, Bonita Springs, Florida
- 2012 Cum Laude for Educational Exhibit: Agarwal PP, Quint LE. Errors as Opportunities: Spectrum of Cognitive Errors in Cardiothoracic Radiology. Society of Thoracic Radiology Annual Meeting, Huntington Beach, California
- 2012 Journal of Thoracic Imaging Editors' Recognition Award for Distinction in Reviewing in 2011
- 2013 Best Poster (Congenital and Miscellaneous Category). Agarwal PP, Ghadimi Mahani M, Dorfman AL, Masand PM, Lu JC. Putting it All Together: Tips and Tricks for Quantifying Shunts and Regurgitation on Cardiac MRI. North American Society of Cardiac Imaging, Atlanta, Georgia
- 2014 "Cases of the Day" Winner at Society of Thoracic Radiology Meeting, San Antonio, Texas
- 2014 Certificate of Merit for Educational Exhibit: Agarwal PP, Haggerty E, Gross BH, Raymond V, Kazerooni EA, Weadock WJ. Birt Hogg Dube Syndrome: Not Your Usual Cystic Lung Disease. Radiological Society of North America (RSNA) Annual Meeting, Chicago, Illinois
- 2014 Certificate of Merit for Educational Exhibit: Dehkordy SF, Ghadimi Mahani M, Agarwal PP, Rigsby CK, Wright R, Lu JC, Dorfman AL, Krishnamurthy R. PE or not PE: Challenges in Assessment of Thrombi and Pulmonary Embolism (PE) in Patients with Fontan Procedure. Radiological Society of North America (RSNA) Annual Meeting, Chicago, Illinois
- 2015 Awarded Fellowship of the North American Society of Cardiac Imaging (This fellowship has been given to 20 individuals so far, approximately 3.6% of the membership)
- 2015 Cum Laude for Educational Exhibit. Kandathil A, Dennie C, Fernandez EP, Shah A, Agarwal PP. Anomalous Origin of Coronary Artery from the Pulmonary Artery: Post Operative Imaging. Society of Thoracic Radiology, Carlsbad, California
- 2015 Radiographics Editors' Recognition Award for Distinction in Reviewing in 2014
- 2016 Certificate of Merit for Educational Exhibit. Lee E, Ghadimi Mahani M, Lu J, Dorfman A, Agarwal PP. Primary Cardiac Tumors Associated with Genetic Syndromes: A Comprehensive Review. Society of Thoracic Radiology Annual Meeting, Scottsdale, Arizona
- 2017 Certificate of Merit for educational exhibit. Hamid A, Lee E, Ghadimi Mahani M, Smiley B, Lu JC, Dorfman AL, Agarwal PP. Thoracic Aortic aneurysms with a genetic basis. World Congress of Thoracic Imaging, Boston, Massachusetts
- 2017 Cum Laude award for Educational Exhibit: Kay FU, Oz OK, Abbara S, Barbosa EM, Agarwal PP, Rajiah P. Opportunities for Translation of Quantitative Imaging Biomarkers into Clinical Cardiothoracic CT. 103rd Annual Meeting of the Radiological Society of North America (RSNA), Chicago, Illinois
- 2017 Journal of Thoracic Imaging Editors' Recognition Award for Distinction in Reviewing in 2016

- 2017 Outstanding Contribution in Reviewing for the Journal Academic Radiology
- 2018 Best Poster. Sella E, Vummidi D, Lee E, Agarwal PP. Vascular Malformations and Tumors of the Thorax: Imaging Pearls and Pitfalls. North American Society of Cardiac Imaging, Charleston, South Carolina
- 2019 Certificate of Merit for Education Exhibit: Rajiah P, de la Fuente D, Agarwal PP, Abbara S, Singh S, Goerne H. Optimizing CT Protocols for Adult Congenital Heart Disease: A Primer for Radiologists. Annual Meeting of the Radiological Society of North America (RSNA), Chicago, Illinois
- 2019 Certificate of Merit for Educational Exhibit: Canan A, Ashwath R, Agarwal PP, Rajiah P. Transposition of Great Arteries from A to Z: Hemodynamics, Imaging and Management Annual Meeting of the Radiological Society of North America (RSNA), Chicago, Illinois
- 2019 Cum Laude Award for Educational Exhibit: Balasubramanian S, Joshi A, Biko DM, Lu JC, Ghadimi Mahani M, Dorfman AL, Figueroa A, Agarwal PP. Advances in Non Invasive Imaging of Patients with Single Ventricles Following Fontan Palliation. Annual Meeting of the Radiological Society of North America (RSNA), Chicago, Illinois
- 2019 Cum Laude Award for Educational Exhibit: Yun G, Kazerooni EA, Lee E, Shah P, Deeb M, Agarwal PP: Lost but not Forgotten! Misplaced and Retained Surgical and Procedural Devices: A Case Based Approach. Annual Meeting of the Radiological Society of North America (RSNA), Chicago, Illinois
- 2020 Certificate of Merit for exhibit Lessons learned from peer learning conference in cardiothoracic radiology. M Sayyoub, P Shankar, G Marshal, LE Quint, PP Agarwal. Annual meeting of Radiological society of North America
- 2020 Cum Laude for exhibit Myocardial strain imaging with MRI: Physics, principles, applications. P Rajiah, CJ Francois, JD Collins, E Ibrahim, PP Agarwal. Annual meeting of Radiological society of North America
- 2020 Magna Cum Laude for exhibit A Aslam, R Morrison, J deCardenas, K Lagisetty, D Litmanovich, E Lee, PP Agarwal. Tracheobronchomalacia and EDAC: Current concepts and future directions. Annual meeting of Radiological Society of North America
- 2021 Certificate of Merit for educational exhibit: Evaluation Of Extracardiac Complications Of Fontan Circulation Using Non-invasive Imaging. Balasubramanian S, Biko DM, Joshi A, Lee E, Ladino-Torres MF, Lu JC, Dorfman AL, Hamman SM, Agarwal PP. Annual Meeting of Radiological Society of North America, Chicago
- 2021 Certificate of Merit for educational exhibit: Heartaches of a different kind: Comprehensive review of infections. Turk S, Raj V, Nasr L, Rajiah P, Attili AK, Sayyoub M, Agarwal PP. Annual Meeting of Radiological Society of North America, Chicago
- 2021 Cum Laude for exhibit Chronic Thromboembolic Pulmonary Hypertension (CTEPH) in review: Imaging pearls, pitfalls and recent advances. Aslam A, Rajiah P, Aggarwal V, Haft J, Agarwal PP. Annual meeting of Society of Thoracic Radiology
- 2021 Honored Educator Award Radiological Society of North America
- 2021 Poster award: Aparna Joshi, Arash Salavitabar, Sowmya Balasubramanian, Susan Hamman, Jimmy Lu, Adam Dorfman, Prachi Agarwal. Pre- and Post-intervention Imaging for Transcatheter Pulmonary Valve Replacement. North American Society of Cardiac Imaging annual meeting, Boston MA
- 2021 Poster award: Shotaro Naganawa, Elizabeth Lee, David Biko, Aparna Joshi, Sowmya Balasubramanian, Prachi Agarwal. Cardiac Disease and Lymphatic Dysfunction. North American Society of Cardiac Imaging annual meeting, Boston MA

### **Regional**

- 2009 Commendation for Excellence in CME Teaching for 2009 at the Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, Plymouth, Michigan
- 2010 Commendation for Excellence in CME Teaching at the "Cardiac and Vascular CT and MRI: Everything You Need to Know" CME course, Plymouth, Michigan

### **Institutional**

- 1993-1999 Topper Throughout MB BS at King George Medical College, with Gold and Silver Medals in Multiple Specialties. Total of 29 Awards, Lucknow, India,

2016	Excellence in Resident Teaching Award, Department of Radiology, Cardiothoracic Division, University of Michigan, Ann Arbor, Michigan
2019	Acceptance to the Rudi Ansbacher Advancing Women in Academic Medicine Leadership Scholars Program

## **Memberships in Professional Societies**

2003-present	Member, Radiological Society of North America
2005-present	Member, American Roentgen Ray Society
2005-present	Member, Society of Thoracic Radiology
2007-2014	Member, Society of Cardiovascular MR
2008-2009	Member, Alliance of Clinician-Educators in Radiology
2008-2009	Member, American College of Radiology
2008-2010	Member, Society of Cardiovascular CT
2008-2014	Member, Association of University Radiologists
2009-2010	Member, Radiology Alliance for Health Services Research
2009-present	Member, North American Society of Cardiovascular Imaging
2010-present	Member, American College of Radiology

## **Editorial Positions, Boards, and Peer-Review Service**

### **Editorial Boards**

2012-2015	Associate Editor, Cardiac Section ACR e-Learning Subcommittee
2012-present	Member of Editorial Board, Open Journal of Radiology
2015	Guest Editor, MRI Clinics of North America Issue Titled 'MRI of the Chest'
2016-present	Consulting Editor – Live Programming, American Roentgen Ray Society
2018-present	Editorial Board Member, Radiology: Cardiothoracic Imaging
2020	Guest Editor, Seminars in Roentgenology "Imaging of Adult Congenital Heart Disease"
2021-present	Editor-in-chief, Seminars in Roentgenology

### **Journal Reviewer**

2008-2011	Review and Selection of Scientific Content for the Annual Meeting of Society of Thoracic Radiology
2009-2014	Review and Selection of Scientific Content Pertaining to Chest Imaging for the Annual Meeting of Radiological Society of North America
2009-present	American Journal of Roentgenology
2009-present	Journal of Thoracic Imaging
2012-present	Radiology
2012-present	Radiology info (web-based radiology information resource for patients)
2013-present	Indian Journal of Radiology and Imaging
2013-present	Radiographics
2014-present	Reviewer of Abstracts Submitted for the Annual American Heart Association Meeting
2014	Reviewer of Cardiac Questions for RADAR (Radiology Assessment and Review) for the American College of Radiology
2015-present	European Radiology
2015-present	Review and Selection of Scientific Content for the Annual Meeting of North American Society of Cardiovascular Imaging
2017-present	Review and Selection of Scientific Content Pertaining to Cardiac Imaging for the Annual Meeting of Radiological Society of North America (Ad Hoc)
2018-present	Academic Radiology (Ad Hoc)

## Teaching

### Clinical Fellow

- 07/2005-present Mentored Radiology and Cardiology Fellows to Write Papers, University of Michigan  
04/2006-present Lectures to Radiology Fellows and Adult Cardiology Fellows, University of Michigan

### Faculty Member

- 10/2006-present Cardiac CT at Various Courses to Radiologists, American College of Radiology

### Medical Student

- 08/2008-08/2015 Annual Lecture to M2 Students in Cardiovascular Sequence, University of Michigan  
02/2012-04/2018 Director of Medical Student Elective (M4), Cardiothoracic Radiology, University of Michigan  
02/2012-present Mentored Medical Students for Peer Reviewed Web Articles, University of Michigan  
08/2017-present Anjali L. Saripalli, MD, Branch Advisor at University of Michigan  
05/2018-present Daniel Nadelman, MD, Branch advisor at University of Michigan  
05/2018-present Rizwan Ahmed, MD, Branch advisor at University of Michigan  
05/2020-12/2020 Carolina Ramirez Vizcarrondo, MD, University of Michigan

### Resident/House Officer

- 07/2005-present 3-4 noon rounds per year, University of Michigan  
07/2005-present Radiology Residents for Peer Reviewed Publications, University of Michigan  
06/2016 Excellence in Teaching Award, Department of Radiology, University of Michigan

### Visiting Scholars

- 12/2005-03/2010 Taught Cardiac CT to Visiting Scholars, University of Michigan

## Teaching Activity

### International

- 05/2017 Cardiac CT teaching in Johannesburg, South Africa.  
04/2018 3 lectures titled: CT in anomalous coronary arteries, MRI in adult congenital heart disease, and cystic lung disease in Chengdu, China  
10/2018 Five lectures titled: Imaging approach to Interstitial Lung Disease, Evaluating cystic lung diseases, Pitfalls in chest oncologic imaging, Coronary artery anomalies requiring intervention: pre and post treatment imaging, Case based review in Manila, Philippines

### National

- 03/2009 Coronary CT Angiography Course as expert faculty and invited lecturer  
02/2010 Coronary CT Angiography Course as expert faculty and invited lecturer  
05/2010 Coronary CT Angiography Course as expert faculty and invited lecturer  
01/2012-present Participated in development of educational curriculum for residents and fellows for cardiac radiology as part of North American Society of Cardiac Imaging Education committee initiative  
03/2013 Coronary CT Angiography Course as expert faculty and invited lecturer

### Institutional

- 08/2000 Radiology Resident Teaching Seminar: Carcinoma Gallbladder. Department of Radiodiagnosis, All India Institute of Medical Sciences, New Delhi, India  
03/2001 Radiology Resident Teaching Seminar: Percutaneous biliary interventions. Department of Radiodiagnosis, All India Institute of Medical Sciences, New Delhi, India  
09/2001 Radiology Resident Teaching Seminar: Pulmonary Tuberculosis in children and adults. Department of Radiodiagnosis, All India Institute of Medical Sciences, New Delhi, India  
02/2002 Radiology Resident Teaching Seminar: Normal hepatobiliary anatomy. Department of Radiodiagnosis, All India Institute of Medical Sciences, New Delhi, India

10/2002	Radiology Resident Teaching Seminar: Role of cranial sonography in the newborn. Department of Radiodiagnosis, All India Institute of Medical Sciences, New Delhi, India
01/2003-05/2003	Actively involved in regular resident teaching and mentoring for presentation of didactic lectures and review of cases on a daily basis during Senior Residency at the Department of Radiodiagnosis, All India Institute of Medical Sciences, New Delhi, India
07/2003-06/2005	Weekly afternoon teaching rounds involving radiology-pathology-clinical correlation, The Ottawa Hospital, Ottawa, Canada
07/2003-06/2005	Actively involved in regular weekly resident teaching rounds focusing on presentation of interesting cases in thoracic radiology, The Ottawa Hospital, Ottawa, Canada
07/2003-06/2005	Radiology, Pathology, and Clinical Correlation Rounds, Ottawa Hospital, Ottawa, Canada
03/2004	Didactic lecture to radiology residents: Thoracic Congenital Anomalies. The Ottawa Hospital, Ottawa, Canada
04/2004	Didactic lecture to medical students: Normal chest radiographic anatomy. University of Ottawa, Ottawa, Canada
04/2004	Didactic lecture to undergraduate medical students: Interstitial lung disease-Radiopathologic correlation. University of Ottawa, Ottawa, Canada
05/2004	Didactic lecture to Medical Oncology Residents: Metastatic Disease to the Chest. The Ottawa Regional Cancer Centre, Ottawa, Canada
05/2005	Lecture presented at Grand Rounds: Cardiac MRI – You can do it. Department of Radiology-University of Ottawa, Ottawa, Canada
07/2005	Case reviews for medical students doing general radiology and thoracic radiology clerkships, Department of Radiology, University of Michigan Medical School, Ann Arbor, Michigan
12/2005-03/2010	Cardiac CT Radiology Visiting Fellowship Program: Division of Cardiothoracic Radiology, Delivered a total of 42 Lectures, Department of Radiology, University of Michigan, Ann Arbor, Michigan
02/2006	Lecture presented at noon radiology resident rounds: Thoracic vascular abnormalities. Department of Radiology, University of Michigan, Ann Arbor, Michigan
04/2006	Didactic lecture to Radiology fellows: Approach to Adult Congenital Heart Disease, Department of Radiology, University of Michigan, Ann Arbor, Michigan
12/2006	Lecture presented at noon radiology resident rounds: Signs in thoracic imaging. Department of Radiology, University of Michigan, Ann Arbor, Michigan
12/2007	Lecture presented at noon radiology resident rounds: Imaging Cardiac Masses. Department of Radiology, University of Michigan, Ann Arbor, Michigan
04/2008	Presented noon rounds for radiology residents. Department of Radiology, University of Michigan, Ann Arbor, Michigan
08/2008-08/2015	Annual lecture to M2 students during Cardiovascular Sequence: Basic Cardiac Radiology. University of Michigan Medical School, Ann Arbor, Michigan
03/2009	Presented noon rounds for radiology residents. Department of Radiology, University of Michigan, Ann Arbor, Michigan
02/2010	Radiology Fellow Lecture: Coronary artery anatomy and anomalies, Department of Radiology, University of Michigan, Ann Arbor, Michigan
03/2010	Presented noon rounds for radiology residents. Department of Radiology, University of Michigan, Ann Arbor, Michigan
03/2011	Presented noon rounds for radiology residents. Department of Radiology, University of Michigan, Ann Arbor, Michigan
04/2011	Board reviews for Residents, Department of Radiology, University of Michigan, Ann Arbor, Michigan
04/2011	Presented noon rounds for radiology residents. Department of Radiology, University of Michigan, Ann Arbor, Michigan
01/2012	Valve imaging, Radiology Resident Rounds, Department of Radiology, University of Michigan, Ann Arbor, Michigan
01/2012-06/2016	3D Technologist teaching: Annual lecture since 2012: Cardiac MRI ventricular function analysis: a practical approach, University of Michigan, Ann Arbor, Michigan



02/2012	Director of the Medical Student (M4) Elective for the Cardiothoracic Radiology Division, Department of Radiology, University of Michigan, Ann Arbor, Michigan
04/2012-04/2013	Board reviews for Residents, Department of Radiology, University of Michigan, Ann Arbor, Michigan
10/2013	Thoracic imaging Core curriculum for radiology residents: Signs in Imaging, Department of Radiology, University of Michigan, Ann Arbor, Michigan
02/2014	Cardiac core curriculum for radiology residents: Chest radiographic appearances in congenital heart disease, University of Michigan, Ann Arbor, Michigan
02/2014	Cardiac core curriculum for radiology residents: Valve imaging, University of Michigan, Ann Arbor, Michigan
02/2014	Cardiology fellows lecture: Approach to Adult Congenital Heart Disease, University of Michigan, Ann Arbor, Michigan
12/2014	Radiology Fellow Lecture: Approach to Adult Congenital Heart Disease. Department of Radiology, University of Michigan, Ann Arbor, Michigan
02/2015	Cardiology fellows lecture: Evaluation of cardiac masses, University of Michigan, Ann Arbor, Michigan
04/2015	Cardiac MR review for residents, University of Michigan, Ann Arbor, Michigan
12/2015	Lecture to radiology residents: Idiopathic Interstitial pneumonia, University of Michigan, Ann Arbor, Michigan
02/2016	Cardiac core curriculum for radiology residents: Valve imaging University of Michigan, Ann Arbor, Michigan
04/2016	Presented noon rounds for radiology residents. Department of Radiology, University of Michigan, Ann Arbor, Michigan
05/2016	Presented noon rounds for radiology residents. Department of Radiology, University of Michigan, Ann Arbor, Michigan
06/2016	Responsible for creating "Cardiovascular anatomy" radiology lecture for M1 students for the new medical student curriculum, University of Michigan, Ann Arbor, Michigan
10/2016	Cardiovascular radiologic anatomy seminar for M1 students, University of Michigan, Ann Arbor, Michigan
04/2017	Noon resident rounds, University of Michigan, Ann Arbor, Michigan
09/2017	CT and MRI for M1 medical students on Radiology Day, University of Michigan, Ann Arbor, Michigan
10/2017	Cardiovascular radiologic anatomy seminar for M1 students, University of Michigan, Ann Arbor, Michigan
03/2018	Noon resident rounds: Cardiac valve imaging, University of Michigan, Ann Arbor, Michigan
04/2018	Noon rounds for residents, University of Michigan, Ann Arbor, Michigan
05/2018	Noon rounds for residents, University of Michigan, Ann Arbor, Michigan
10/2018	CT and MRI for M1 medical students on Radiology Day, University of Michigan, Ann Arbor, Michigan
11/2018	Chest Radiography: Respiratory Sequence (M1 students), University of Michigan, Ann Arbor, Michigan
10/2019	CT and MRI for M1 medical students on Radiology Day, University of Michigan, Ann Arbor, Michigan
04/2020-present	Noon rounds on COVID, University of Michigan, Ann Arbor, Michigan

## **Committee and Administrative Services**

### **Committee Services**

#### **International**

2019-2021 RSNA Global Learning Center Program, Team Member

#### **National**

2008-2011 Scientific Program Committee, Society of Thoracic Radiology, Member

2009-2015	Scientific Program Committee (thoracic imaging), Radiological Society of North America, Member
2009-2016	Education Committee, North American Society for Cardiovascular Imaging, Member
2010-2013	Education Committee, Society of Thoracic Radiology, Member
2010-2016	Continuous Professional Improvement (CPI) Chest Panel, American College of Radiology, Member
2011-2013	Cardiac MOC Exam Committee, American Board of Radiology, Member
2012-2013	Membership Committee, American Association for Women Radiologists, Member
2012-2013	Membership in Training Committee, American Association for Women Radiologists, Member
2013-2016	Cardiac Core Exam Committee, American Board of Radiology, Member
2013-2016	Research Committee, Society of Thoracic Radiology, Member
2014-2016	Cardiac Section e-Learning Subcommittee, American College of Radiology, Vice Chair
2015-present	Research Committee, North American Society for Cardiovascular Imaging, Member
2015-present	Society of Thoracic Radiology Representative, Academy of Radiology Research, Board Member
2016-2017	Radiology Assessment and Review (RADAR2) Cardiac Panel: American College of Radiology, Chair
2016-2018	Electronic Communication Committee, North American Society for Cardiovascular Imaging, Chair
2016-2022	Cardiac Core Exam Committee, American Board of Radiology, Chair
2016-present	International Committee, North American Society of Cardiac Imaging, Member
2016-present	Pediatric program committee, North American Society for Cardiovascular Imaging, Member
2017-present	Scientific Program Committee (cardiac imaging), Radiological Society of North America, Member
2018-present	Cardio Research Committee American College of Radiology, Member
2018-present	Research Committee, North American Society for Cardiovascular Imaging, Chair
2020-2022	ACR Committee on Appropriateness Criteria, Member
2020-present	ACR COVID Data Elements Working Group, Member
2020-present	American College of Radiology Covid-19 Steering Committee, Member
2020-present	SCCT Annual Scientific Meeting Program Committee: Congenital heart disease, Co-Chair
2020	North American Society of Cardiac Imaging, Secretary
2021	North American Society of Cardiac Imaging, Treasurer

### **Regional**

2018-present	Michigan Radiological Society: Diversity, Equity and Inclusion Committee, Member
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### **Institutional**

2003-2005	Interdisciplinary Pulmonary Conference Ottawa Hospital, Ottawa, Canada, Participant
2006-2009	Lymphoma Conference, University of Michigan Medical Center, Ann Arbor, Michigan, Member
2006-present	Thoracic Tumor Board. University of Michigan Medical Center, Ann Arbor, Michigan, Member
2008-present	Pediatric Congenital Cardiac Conference, University of Michigan Medical Center, Ann Arbor, Michigan, Member
2009-2010	Medical Mentorship Program, Department of Radiology, University of Michigan, Ann Arbor, Michigan, Mentor
2012-2013	Adult Ethics Committee, University of Michigan Medical School, Ann Arbor, Michigan, Member

2012-2015	Advisory Committee on Clinical Track Appointments and Promotions, University of Michigan Medical School, Ann Arbor, Michigan, Member
2012-2018	Medical Student Elective in Cardiothoracic Radiology, Department of Radiology, University of Michigan, Ann Arbor, Michigan, Director
2013-present	Core Exam Advisory Group Committee, Department of Radiology, University of Michigan, Ann Arbor, Michigan, Member
2013-present	Medical Student Education Committee, Department of Radiology, University of Michigan, Ann Arbor, Michigan,, Member
2014-present	Hypertrophic Cardiomyopathy Conference, University of Michigan Medical Center, Ann Arbor, Michigan, Member
2016-present	Election Committee, University of Michigan, Ann Arbor, Michigan, Member
2019-present	CT Operations Committee, University of Michigan, Ann Arbor, Michigan, Member
2020-2025	Admissions Executive Committee, University of Michigan, Ann Arbor, Michigan, Voting member

## Visiting Professorships and Extramural Invited Presentations

### Visiting Professorships

02/2009	Case based review, Sanjay Gandhi PostGraduate Institute, February 2009, Lucknow, India
02/2009	Coronary anatomy and anomalies, Sanjay Gandhi PostGraduate Institute, February 2009, Lucknow, India
05/2010	Case based review, King George Medical College, May 2010, Lucknow, India
01/2011	Case based review, Department of Radiodiagnosis-Madras Medical College and Government General Hospital, January 2011, Chennai, India
03/2011	Case based review, Case Western Reserve University, March 2011, Cleveland, Ohio
07/2011	Coronary artery anatomy and anomalies, Case Western Reserve University, July 2011, Cleveland, Ohio
08/2015	Phase contrast MR imaging: Cardiovascular applications, Department of Radiology, Madras Medical College and Government General Hospital, August 2015, Chennai, India
01/2016	Congenital heart disease- MR imaging, University of Arizona, January 2016, Tucson, Arizona
02/2017	In a Heart Beat, Atis K Freimanis visiting professorship at Michigan State University, February 2017, Lansing, Michigan
04/2018	3 lectures titled: CT in anomalous coronary arteries, MRI in adult congenital heart disease, and cystic lung disease, Sichuan Provincial People's Hospital, April 2018, Chengdu, China
04/2021	Case based presentation for residents and lecture titled Hemodynamically significant coronary artery anomalies, Columbia University, April 2021, New York City, New York

### Extramural Invited Presentations

1. Lung Tumor Measurements: How to Improve Reproducibility & Accuracy, Society of Thoracic Radiology Annual Meeting, March 2007, Orlando, Florida
2. Novel Treatment Options in Heart Failure, Society of Thoracic Radiology Annual Meeting, March 2007, Las Vegas, Nevada
3. Cardiac CT: Supervised case review, Michigan Radiological Society, June 2007, Dearborn, Michigan
4. Cardiac CT: Supervised case review, California Radiological Society, October 2007, Newport Beach, California
5. Cardiac CT: Supervised case review, Texas Radiological Society, March 2008, Dallas, Texas
6. CTA of Coronary artery anomalies, Society of Thoracic Radiology Annual Meeting, March 2008, Ft. Myers, Florida
7. Coronary CT Angiography Course as expert faculty and invited lecturer, American College of Radiology Education Center, March 2009, Reston, Virginia
8. Coronary CT Angiography Course as expert faculty and invited lecturer, American College of Radiology Education Center, February 2010, Reston, Virginia

9. Coronary CT Angiography Course as expert faculty and invited lecturer, American College of Radiology Education Center, May 2010, Reston, Virginia
10. High resolution CT of the chest: A survival guide, Indian Radiological Imaging Association, January 2011, New Delhi, India
11. Patterns on pulmonary HRCT, Radiology at the Seashore, February 2011, Captiva Island, Florida
12. Non coronary applications of cardiac MDCT, Radiology at the Seashore, February 2011, Captiva Island, Florida
13. Non-Neoplastic Abnormalities of the Large Airways, Radiology at the Seashore, February 2011, Captiva Island, Florida
14. Coronary sinus imaging with CT, Society of Thoracic Radiology Annual Meeting, March 2011, Bonita Springs, Florida
15. Coronary CT Angiography Course as expert faculty and invited lecturer, American College of Radiology Education Center, August 2011, Reston, Virginia
16. Valve imaging, 97th Scientific Assembly and Annual Meeting of Radiologic Society of North America, November 2011, Chicago, Illinois
17. Valve imaging, Society of Thoracic Radiology Annual Meeting, March 2012, Huntington Beach, California
18. Coronary CT Angiography Course as expert faculty and invited lecturer, American College of Radiology Education Center, March 2013, Reston, Virginia
19. Vascular rings and slings, Society of Pediatric Radiology, May 2013, San Antonio, Texas
20. Case based review, North American Society of Cardiac Imaging, September 2013, Atlanta, Georgia
21. Don't take my heart away! What a chest CT can reveal, Radiology at the Seashore, March 2014, Captiva Island, Florida
22. Non coronary cardiac imaging, Radiology at the Seashore, March 2014, Captiva Island, Florida
23. Airway Imaging, Radiology at the Seashore, March 2014, Captiva Island, Florida
24. Cystic lung disease, Radiology at the Seashore, March 2014, Captiva Island, Florida
25. Valve imaging, Society of Thoracic Radiology Annual Meeting, March 2014, San Antonio, Texas
26. Coronary artery disease: Case based review, North American Society of Cardiac Imaging, September 2014, New Orleans, Louisiana
27. Adult/pediatric Case based review, North American Society of Cardiac Imaging, September 2014, New Orleans, Louisiana
28. Post processing Cardiac MRI for technologists, Michigan Society of Radiologic Technologists Annual Meeting, September 2014, Bay City, Michigan
29. Tips and Tricks for Shunt Quantification, Society of Thoracic Radiology Annual Meeting, March 2015, Carlsbad, California
30. Congenital Heart Disease with Adult Presentation, American Roentgen Ray Society meeting, April 2015, Toronto, Canada
31. Myocardial function and diseases on CT, North American Society of Cardiac Imaging, September 2015, San Diego, California
32. Non Coronary Cardiac Imaging, Michigan Society of Radiologic Technologists Annual Meeting, September 2015, Traverse City, Michigan
33. Survival Guide to High Resolution Chest CT, Michigan Radiological Society Meeting, October 2015, Traverse City, Michigan
34. Imaging Cystic Lung Diseases, Michigan Radiological Society Meeting, October 2015, Traverse City, Michigan
35. Coronary risk stratification on CT angiography, American Heart Association Meeting, November 2015, Orlando, Florida
36. Anomalous Coronary Arteries Requiring Intervention, Society of Thoracic Radiology Annual Meeting, March 2016, Scottsdale, Arizona
37. Congenital Heart Disease with adult presentation, American Roentgen Ray Society Meeting, April 2016, Los Angeles, California
38. Spectrum of non cardiac findings in pediatric cardiac MRI, North American Society of Cardiac Imaging, October 2016, Baltimore, Maryland

39. Coronary Artery Anatomy, Annual Meeting of Radiologic Society of North America, November 2016, Chicago, Illinois
40. Difficult chest CT cases, Radiology at the Seashore, March 2017, Captiva Island, Florida
41. Imaging of large airways, Radiology at the Seashore, March 2017, Captiva Island, Florida
42. Idiopathic interstitial pneumonias: An update, Radiology at the Seashore, March 2017, Captiva Island, Florida
43. LungRADS: What you need to know, Radiology at the Seashore, March 2017, Captiva Island, Florida
44. Normal cardiac anatomy and coronary anomalies, Radiologic Society of South Africa-North American Society of Cardiac Imaging, May 2017, Johannesburg, South Africa
45. Adult congenital heart disease, Radiologic Society of South Africa-North American Society of Cardiac Imaging, May 2017, Johannesburg, South Africa
46. Valve disease and structural heart disease, Radiologic Society of South Africa-North American Society of Cardiac Imaging, May 2017, Johannesburg, South Africa
47. Pitfalls and artifacts, Radiologic Society of South Africa-North American Society of Cardiac Imaging, May 2017, Johannesburg, South Africa
48. Anomalous Coronary Arteries needing Intervention, North American Society of Cardiac Imaging, October 2017, San Antonio, Texas
49. Coronary artery anomalies, Radiological Society of North America, November 2017, Chicago, Illinois
50. CT in Adult Congenital Heart Disease: What Everyone Needs to Know, Society of Thoracic Radiology Annual Meeting, March 2018, Austin, Texas
51. Tumors and tumor-like conditions of the heart: radiology/pathology correlation, North American Society of Cardiac Imaging, September 2018, Savannah, Georgia
52. Five lectures titled: Imaging approach to Interstitial Lung Disease, Evaluating cystic lung diseases, Pitfalls in chest oncologic imaging, Coronary artery anomalies requiring intervention: pre and post treatment imaging, Case based review, Convention of CT-MRI Society of the Philippines, October 2018, Manila, Philippines
53. Coronary artery anomalies, Radiological Society of North America, November 2018, Chicago, Illinois
54. Case Based Approach to Cardiac Masses, Society of Thoracic Radiology, March 2019, Savannah, Georgia
55. Repaired univentricular heart in the adult, American Roentgen Ray Society, May 2019, Honolulu, Hawaii
56. Coronary artery anomalies, Radiological Society of North America, December 2019, Chicago, Illinois
57. Keynote lecture: Prognostic Role of Coronary CT Angiography, Radiological Society of North America, December 2019, Chicago, Illinois
58. Congenital Heart Disease Presenting in Adulthood: Case-Based Approach, Society of Thoracic Radiology, March 2020, Indian Wells, California
59. How I do it in Cardiovascular MR and CT: Tackling Protocols for Various Indications (including congenital) and Other Essentials., Society of Thoracic Radiology, March 2020, Indian Wells, California
60. Role of Imaging in COVID, MRI Online, April 2020, Web
61. Imaging Adult Congenital Heart Disease, MRI Online, May 2020, Web
62. Case based review, MRI online, June 2020, Web
63. Adult congenital heart disease: Case based presentation, APDR National Virtual Noon Conference series, July 2020, Web
64. Current concepts in expiratory central airway collapse, Society of Chest Imaging and Intervention, India., September 2020, Virtual
65. Unusual Pulmonary and Systemic Venous Anomalies: A Case Based Presentation, North American Society of Cardiac Imaging, September 2020, Virtual meeting
66. Cardiovascular fundamentals, Department of Radiology. Stellenbosch University, October 2020, Stellenbosch, South Africa.
67. Adult Post-Operative Appearances of Congenital Cardiac Disease, Radiologic Society of North America, December 2020, Virtual meeting
68. Coronary artery anomalies, Radiologic Society of North America, December 2020, Virtual meeting
69. Tracheobronchomalacia: Imaging and Advances, IRIA-STR, January 2021, Webinar

70. Unrepaired CHD presenting in adulthood, REF-Cafe Roentgen, February 2021, Webinar
71. Adult Presentation of Congenital Heart Disease, Society of Thoracic Radiology, March 2021, Virtual meeting
72. Cardiothoracic fellowships in academic practice, STR-NASCI, July 2021, Webinar
73. Putting it all together: Case based review of cardiac shunts, Society of Cardiac CT, July 2021, Web
74. Coronary Sinus Anomalies, North American Society of Cardiac Imaging, September 2021, Boston, MA
75. Mentored Cardiac CT Angiography Case Review: Part II, Radiological Society of North America, November 2021, Chicago, IL
76. Multimodal Aortic Imaging: What the Radiologist Needs to Know and What the Surgeon Wants to Know, Radiological Society of North America, December 2021, Chicago, IL

## **Other**

1. Image-guided Biopsies of Mesothelioma: Sensitivity and Incidence of needle tract seeding compared with surgical biopsies. Lung Retreat, Ottawa Regional Cancer center, May 2004, Ottawa, Canada
2. Cardiac CT functional analysis. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2006, Plymouth, Michigan
3. Coronary artery anatomy and anomalies. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2006, Plymouth, Michigan
4. Cardiac CT: Supervised case review. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2007, Plymouth, Michigan
5. Coronary anatomy and anomalies. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2007, Plymouth, Michigan
6. Cardiac CT functional analysis. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2007, Plymouth, Michigan
7. Coronary artery anomalies. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2008, Plymouth, Michigan
8. Cardiac CT functional analysis. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2008, Plymouth, Michigan
9. Cardiac CT: Supervised case review. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2008, Plymouth, Michigan
10. Imaging of Native and Prosthetic Aortic Valve with CT. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2009, Plymouth, Michigan
11. Cardiac CT: Supervised case review. Cardiac and Vascular CT and MRI: Everything You Need to Know CME course, University of Michigan, October 2009, Plymouth, Michigan
12. Chest Quantitative Imaging. Presiding officer of the Scientific Session, 95th Scientific Assembly and Annual Meeting of Radiologic Society of North America, December 2009, Chicago, Illinois
13. Radiology Residency in India. Martin Luther King Symposium, Department of Radiology Grand Rounds, University of Michigan, January 2010, Ann Arbor, Michigan
14. Chest tumor Imaging-Presiding officer of the Scientific Session, Society of Thoracic Radiology meeting, February 2010, San Diego, California
15. Cardiac Imaging-Presiding officer of the Session, Society of Thoracic Radiology meeting, February 2010, San Diego, California
16. Chest Infection Imaging-Presiding officer of the Scientific Session, 96th Scientific Assembly and Annual Meeting of Radiologic Society of North America, December 2010, Chicago, Illinois
17. Chest Imaging-Presiding officer of the Poster Session, 96th Scientific Assembly and Annual Meeting of Radiologic Society of North America, December 2010, Chicago, Illinois
18. Poster session. Presiding Officer, Annual meeting of Society of Cardiovascular CT, July 2012, Baltimore, Maryland
19. Diffuse lung disease/ functional imaging. Presiding officer of the Scientific poster Session, 98th Scientific Assembly and Annual Meeting of Radiologic Society of North America, December 2012, Chicago, Illinois
20. Pulmonary Infections. Presiding officer of the Scientific Session, 98th Scientific Assembly and Annual Meeting of Radiologic Society of North America, December 2012, Chicago, Illinois

21. Radiation Dose Reduction. Presiding officer of the Scientific Session, 99th Scientific Assembly and Annual Meeting of Radiologic Society of North America, December 2013, Chicago, Illinois
22. Adult Congenital Heart Disease. Department of Radiology Grand Rounds, University of Michigan, February 2014, Ann Arbor, Michigan
23. Poster Session. Presiding officer, 100th Scientific Assembly and Annual Meeting of Radiologic Society of North America, December 2014, Chicago, Illinois
24. How to follow aortic disease. A Practical Guide to cardiovascular imaging: What referring providers need to know, University of Michigan, March 2015, Plymouth, Michigan
25. Moderator, American Heart Association, November 2016, New Orleans, Louisiana
26. Magnetic Resonance Imaging, University of Michigan: Affairs of the Heart, June 2017, Ann Arbor, Michigan
27. Moderator, American Heart Association, November 2017, Anaheim, California
28. Review of the imaging toolkit in diagnosis and management of patients with Chronic Thromboembolic Pulmonary Hypertension, University of Michigan, May 2019, Novi, Michigan
29. Moderator, North American Society of Cardiovascular Imaging, September 2019, Charleston, South Carolina
30. Moderator, Radiologic Society of North America, November 2019, Chicago, Illinois
31. Moderator of scientific session, Radiological Society of North America, December 2019, Chicago, Illinois

### Seminars

1. Philips Academic Faculty Development Program, Association of University Radiology, March 2008, Seattle, Washington
2. Clinical Trials Methodology Workshop, Radiological Society of North America, January 2009, Scottsdale, Arizona

### **Bibliography**

#### **Peer-Reviewed Journals and Publications**

1. Bisaria K K, Kumar N, Prakesh M, Sharma P K, **Agarwal P P**, Bisaria S D, Lakhtakia P K, Premesagar I C: The lateral rectus spine of the superior orbital fissure. *J. Anat.* 189 ( Pt 1): 243-5, 1996. PM8771415
2. **Agarwal PP**, Srinivasan A, Sharma R, Kabra M, Gupta AK: Spondylo-megaepiphyseal-metaphyseal dysplasia: an unusual bone dysplasia. *Pediatr Radiol* 33(12): 893-896, 2003. PM13680008
3. Gulati MS, Srinivasan A, **Agarwal PP**, Paul SB, Garg P, Rao N: Percutaneous management of malignant biliary obstruction: the Indian perspective. *Trop Gastroenterol* 24(2): 47-58, 2003. PM14603820
4. **Agarwal PP**, Gaikwad SB, Garg A, Gupta V, Mishra NK, Mehta VS: Giant intraparenchymal neurocysticercosis: unusual MRI findings. *Neurol India* 52(2): 259-260, 2004. PM15269488
5. **Agarwal PP**, Seely JM, Matzinger FR: MDCT of anomalous unilateral single pulmonary vein. *AJR Am J Roentgenol* 183(5): 1241-1243, 2004. PM15505285
6. **Agarwal PP**, Wolfsohn AL, Matzinger FR, Seely JM, Peterson RA, Dennie C: In situ central pulmonary artery thrombosis in primary pulmonary hypertension. *Acta Radiol* 46(7): 696-700, 2005. PM16372688
7. **Agarwal PP**, Matzinger FR, Seely JM, Rasuli P, Shamji FM: An unusual case of systemic arterial supply to the lung with bronchial atresia. *AJR Am J Roentgenol* 185(1): 150-153, 2005. PM15972415
8. **Agarwal PP**, Seely JM, Perkins DG, Matzinger FR, Alikhan Q: Pulmonary alveolar proteinosis and end-stage pulmonary fibrosis: a rare association. *J Thorac Imaging* 20(3): 242-244, 2005. PM16077345
9. **Agarwal PP**, Matzinger FR, Shamji FM, Seely JM, Peterson RA: Computed tomography demonstration of systemic arterial supply to lung without sequestration. *Acta Radiol* 46(5): 476-479, 2005. PM16224921
10. **Agarwal PP**: The ring-around-the-artery sign. *Radiology* 241(3): 943-944, 2006. PM17114636
11. **Agarwal PP**, Dennie CJ, Matzinger FR, Peterson RA, Seely JM: Pulmonary artery pseudoaneurysm secondary to metastatic angiosarcoma. *Thorax* 61(4): 366-, 2006. PM16565273
12. **Agarwal PP**, Matzinger FR, Maziak DE, Dennie CJ: Case of the season: intercostal hemangioma. *Semin Roentgenol* 41(1): 4-6, 2006. PM16376166
13. **Agarwal PP**, Seely JM, Matzinger FR: Wandering pleuropericardial cyst. *J Comput Assist Tomogr* 30(2): 276-278, 2006. PM16628047

14. **Agarwal PP**, Seely JM, Matzinger FR, MacRae RM, Peterson RA, Maziak DE, Dennie CJ: Pleural mesothelioma: sensitivity and incidence of needle track seeding after image-guided biopsy versus surgical biopsy. *Radiology* 241(2): 589-594, 2006. PM17005770
15. **Agarwal PP**, Matzinger FR, Macleod JP, Seely JM, Peterson R: Answer to case of the month #108. Allergic bronchopulmonary aspergillosis. *Can Assoc Radiol J* 57(2): 120-123, 2006. PM16944686
16. **Agarwal PP**, Papadatos D: Case of the season: gossypiboma. *Semin Roentgenol* 41(2): 75-77, 2006. PM16697886
17. Thiessen R, Seely JM, Matzinger FR, **Agarwal P**, Burns KL, Dennie CJ, Peterson R: Necrotizing granuloma of the lung: imaging characteristics and imaging-guided diagnosis. *AJR Am J Roentgenol* 189(6): 1397-1401, 2007. PM18029876
18. Agarwal PP, **Kazerooni EA**: Dual left anterior descending coronary artery: CT findings. *AJR Am J Roentgenol* 191(6): 1698-1701, 2008. PM19020238
19. **Agarwal PP**, Matzinger FR, Seely JM: Case 132: Lymphangiomas. *Radiology* 247(1): 288-290, 2008. PM18372473
20. LaBounty TM, Sundaram B, Agarwal P, Armstrong WA, **Kazerooni EA**, Yamada E: Aortic valve area on 64-MDCT correlates with transesophageal echocardiography in aortic stenosis. *AJR Am J Roentgenol* 191(6): 1652-1658, 2008. PM19020232
21. **Agarwal PP**, Seely JM, Matzinger FR: Case 130: mediastinal hemangioma. *Radiology* 246(2): 634-637, 2008. PM18227552
22. Espinosa L, **Agarwal P**: Adult presentation of right lung agenesis and left pulmonary artery sling. *Acta Radiol* 49(1): 41-44, 2008. PM17963072
23. Agarwal PP, Patel S, Corbett J, Jung JI, Barber K, Schipper M, **Kazerooni EA**: Left ventricular functional analysis with 16- and 64-row multidetector computed tomography: comparison with gated single-photon emission computed tomography. *J Comput Assist Tomogr* 33(1): 8-14, 2009. PM19188778
24. Sundaram B, Patel S, Agarwal P, **Kazerooni EA**: Anatomy and terminology for the interpretation and reporting of cardiac MDCT: part 2, CT angiography, cardiac function assessment, and noncoronary and extracardiac findings. *AJR Am J Roentgenol* 192(3): 584-598, 2009. PM19234252
25. **Agarwal PP**, Cascade PN, Pagani F: Novel treatment options for chronic heart failure: a radiologist's perspective. *AJR Am J Roentgenol* 193(1): W14-W24, 2009. PM19542378
26. Holloway BJ, **Agarwal PP**: AJR teaching file: Right atrial mass in a woman with dyspnea on exertion. *AJR Am J Roentgenol* 192(SUPPL. 3): S49-S52, 2009. PM19234289
27. **Agarwal PP**, Chughtai A, Matzinger FR, Kazerooni EA: Multidetector CT of thoracic aortic aneurysms. *Radiographics* 29(2): 537-552, 2009. PM19325064
28. LaBounty TM, **Agarwal PP**, Chughtai A, Kazerooni EA, Wizauer E, Bach DS: Hemodynamic and functional assessment of mechanical aortic valves using combined echocardiography and multidetector computed tomography. *J Cardiovasc Comput Tomogr* 3(3): 161-167, 2009. PM19394918
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31. Espinosa LA, Kelly AM, Hawley C, Inampudi R, Chughtai A, **Agarwal P**, Khalatbari S, Myles J, Kazerooni E: Clinical utility of multiplanar reformation in pulmonary CT angiography. *AJR Am J Roentgenol* 194(1): 70-75, 2010. PM20028907
32. Dillman JR, Dorfman AL, Attili AK, **Agarwal PP**, Bell A, Mueller GC, Hernandez RJ: Cardiovascular magnetic resonance imaging of hypoplastic left heart syndrome in children. *Pediatr Radiol* 40(3): 261-274, 2010. PM20107779
33. Schafer JR, **Agarwal P**, Kazerooni EA: Radiology resource utilization during an H1N1 influenza outbreak. *J Am Coll Radiol* 7(1): 28-32, 2010. PM20129268
34. Kavarana MN, Dorfman AL, **Agarwal PP**, Bove EL: Acute dissection of a Contegra conduit: a rare mechanism of failure. *Ann. Thorac. Surg.* 90(3): 1006-1007, 2010. PM20732536
35. Lieberman S, **Agarwal PP**, Yamada E: Radiological reasoning: dilated coronary arteries. *AJR Am J Roentgenol* 195(6 SUPPL.): S43-S46, 2010. PM21098158



36. **Agarwal PP**, Wells SA, Koliass TJ: AJR teaching file: aortic valve abnormality in a woman with progressive shortness of breath. *AJR Am J Roentgenol* 195(6 SUPPL.): S70-S72, 2010. PM21098163
37. Lu JC, Cotts TB, **Agarwal PP**, Attili AK, Dorfman AL: Relation of right ventricular dilation, age of repair, and restrictive right ventricular physiology with patient-reported quality of life in adolescents and adults with repaired tetralogy of fallot. *Am. J. Cardiol.* 106(12): 1798-1802, 2010. PM21126623
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39. **Agarwal PP**, Gross BH, Holloway BJ, Seely J, Stark P, Kazerooni EA: Thoracic CT findings in Birt-Hogg-Dube syndrome. *AJR Am J Roentgenol* 196(2): 349-352, 2011. PM21257886
40. Dillman JR, Attili AK, **Agarwal PP**, Dorfman AL, Hernandez RJ, Strouse PJ: Common and uncommon vascular rings and slings: a multi-modality review. *Pediatr Radiol* 41(11): 1440-1454, 2011. PM21594540
41. Lu JC, Dorfman AL, Attili AK, Ghadimi Mahani M, Dillman JR, **Agarwal PP**: Evaluation with Cardiovascular MR Imaging of Baffles and Conduits Used in Palliation or Repair of Congenital Heart Disease. *Radiographics* 32(3): E107-E127, 2012. PM22582368
42. Liotta R, Chughtai A, **Agarwal PP**: Computed tomography angiography of thoracic aortic aneurysms. *Semin. Ultrasound CT MR* 33(3): 235-246, 2012. PM22624968
43. Shah SS, Teague SD, Lu JC, Dorfman AL, Kazerooni EA, **Agarwal PP**: Imaging of the coronary sinus: normal anatomy and congenital abnormalities. *Radiographics* 32(4): 991-1008, 2012. PM22786990
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