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## **EDUCATION**

1992 MBBS, Grant Medical College, Bombay, India  
07/1993 – 06/1996 Internal Medicine, Coney Island Hospital, Brooklyn, NY  
07/1997 – 06/2001 Diagnostic Radiology, University of Medicine and Dentistry of New Jersey, Newark NJ  
07/2001 – 06/2002 Vascular and Interventional Radiology, New York University Medical Center, New York, NY  
2016 Certificate of Leadership Mastery, Radiology Leadership Institute, American College of Radiology  
2018 MBA Essentials from London School of Economics

## **ACADEMIC APPOINTMENTS**

06/2020 - Present Professor and Chairman, Radiology  
Vascular and Interventional Radiology  
Department of Radiology  
University of Louisville School of Medicine  
Louisville, KY

03/2015 – 05/2020 Professor, Radiology  
Department of Radiology  
Rutgers University  
Newark, NY

03/2003 – 03/2006 Assistant Professor, Radiology  
Department of Radiology  
New York University School of Medicine  
New York, NY

## **OTHER POSITIONS AND EMPLOYMENT**

06/2020 - present Radiologist  
Department of Radiology  
University of Louisville Hospital

|                   |   |
|-------------------|---|
| 03/2017 – 05/2020 | Radiologist<br>East Orange General Hospital<br>East Orange, NJ    |
| 03/2006 – 05/2020 | Radiologist<br>University Hospital<br>Newark, NJ                  |
| 03/2003 – 03/2006 | Radiologist<br>New York University Medical Center<br>New York, NY |
| 08/2002 – 03/2003 | Radiologist<br>Cleveland Clinic Foundation<br>Cleveland, OH       |

#### **CERTIFICATION AND LICENSURE**

|                   |  |
|-------------------|--|
| 06/2001           | American Board of Radiology  |
| 11/2003           | Interventional Radiology Certificate of Additional Qualification (CAQ) |
| 08/1996           | American Board of Internal Medicine                                    |
| 03/2006 - current | New Jersey State Medical License                                       |
| 03/2003 – 03/2006 | New York State Medical License   |
| 08/2002 - 03/2003 | Ohio State Medical License   |
| 03/2020 – current | Kentucky State Medical License   |

#### **PROFESSIONAL MEMBERSHIPS AND ACTIVITIES**

American College of Radiology (ACR)  
Radiological Society of North America College of Physicians

#### **HONORS AND AWARDS**

|             |   |
|-------------|---|
| 2015 - 2017 | New Jersey Top Doctors, The Very Best Physicians, Experts in Their Field                        |
| 2015        | Golden Apple Award, subspecialty teacher, Rutgers New Jersey Medical School                     |
| 2013        | Fellowship, Society of Interventional Radiology, conferred at the annual meeting in New Orleans |
| 2012        | Nominated for Golden Apple Award, New Jersey Medical School                                     |
| 2010        | Outstanding Faculty Award, SIR Annual Meeting for Venous Access Workshop                        |

- 2009 – 2010 Best Teacher of Year Award, Radiology, UMDNJ  
2003 America's Top Physician, Selected by Consumers Research Council  
2001 Teacher of Year Award, given to resident selected by medical students at UMDNJ  
2000 Exemplary Expostulator Award for best resident presentation at UMDNJ.  
Topic: Review of TIPS  
1999 Fifth in graduating medical class of 200 students  
1999 Edwin Gilmore Award for best resident presentation in Radiology at UMDNJ.  
Topic: Minimally Invasive Therapy for Liver Tumor  
1996 Virginia Nash Award for outstanding resident in Internal Medicine at Coney Island Hospital  
1991 Menino Desouza Award for best all-round student at Grant Medical College

## **COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES**

### **UNIVERSITY ACTIVITIES:**

- 06/2012 – 05/2020 *Vice Chairman, Finance, Radiology*, responsible for overseeing various administrative duties including hospital committees (radiology equipment procurement), endovascular committee, clinical service committee.
- Responsible for oversight of billing and collection data as well as working to resolve errors and corrections to charges. Responsible for turning around departmental finances from a deficit position to surplus in 14 months (Rutgers University)
- Section Chief, Interventional Radiology; administrative responsibilities in radiology, UH/RBHS include overseeing the IR section and more recently other sections
- 2005 Fellowship Director, Interventional Radiology, New York Medical Center

### **NON-UNIVERSITY ACTIVITIES**

- 2014 – Present Member, American Board of Radiology core exam writing committee
- 2015 Founding members, Society of Interventional Oncology

### **SERVICE ON MAJOR COMMITTEES:**

Society of Chairs of Academic Radiology Departments

American Board of Radiology  
Society of Interventional Radiology  
American College of Radiology  
Radiological Society of North America  
American College of Physicians

**SERVICE ON HOSPITAL COMMITTEES:**

Strategic Planning Committee, Rutgers NJMS  
Clinical Practice Committee, Rutgers NJMS  
Clinical Chairs Committee, Rutgers NJMS  
Faculty County, 2013 – 2020  
Executive Board, University Physicians Associates, 1/2014 – 5/2020  
Search Committee, Anesthesia Chair, 2012  
Search Committee, Orthopedics Chair, 2010  
Capital Equipment Procurement Committee, 2010 – 2011  
Invasive Procedures Committee, 2007 – 2009

**CLINICAL ACTIVITIES AND LEADERSHIP POSITIONS**

**TEACHING RESPONSIBILITIES:**

Course Director, Annual UMDNJ Multidisciplinary Hepatocellular Carcinoma symposium, 2011-2016: Started a multidisciplinary symposium on Hepatocellular carcinoma treatment with Hepatology, Oncology and Liver Transplant surgery as well as Radiology and Interventional radiology with 14 speakers providing 7 hours of CME. Received total grant amount of \$111,000 for four years.

Interventional radiology student elective Rutgers, New Jersey Medical School, Director, 24 hours/year. Instituted a formal 2/4 week elective for fourth year medical students in 2006 and have had a total of 56 students rotate till date. Sixteen of these students have gone on to become or are in training for Interventional radiology as a career. Have mentored them to achieve this goal, this included planning and applying for a residency/ fellowship position as well as recommending them to the program directors, involving many of the students in research projects and having them prepare and review manuscripts.

Student mentor, Society of Interventional Radiology. Listed as a formal student mentor on the SIR database, have also been approached by non NJMS students to do and elective in University Hospital with me.

IR interest group Rutgers, New Jersey Medical School, Mentor. Started an IR interest group for first and second year NJMS students in 2013. This was a 12 week program meeting once a week with an hour of formal presentation as well as a half hour of informal Q/A regarding the essence of IR. Average attendance- 35/ session

Course Director, Radiology Residents Board review course Rutgers, New Jersey Medical School, 2014. Initiated and developed a new format review course for the radiology core board exams. Includes 14 Faculty and spans 50 hours.

Course Co- Director, Radiology Residents Board review course, Rutgers, New Jersey Medical School Annual Radiology Residents Board Review Course, from 2006- current Course designed for senior radiology residents from across the country. Three week long courses held for 330 participants each year.

NYU Medical Center, Fellowship Director, Interventional Radiology, 2005/ 2006- helped oversee and train fellows admitted to the NYU interventional radiology fellowship program

Cleveland Clinic, NYU Medical Center and Rutgers, New Jersey Medical School, Teaching/ Training of Interventional radiology fellows, radiology residents and medical students since 8/2002. Have been mentor for several medical students with interest in IR as well as diagnostic radiology residents with interest in IR.

#### **CLINICAL RESPONSIBILITIES:**

Running a busy IR service with full administrative and clinical responsibilities at UH and East Orange General Hospital and Vascular Access center, NJ. Since beginning at Rutgers NJMS (formerly UMDNJ), have overseen clinical growth in the department from approximately 3000 procedures/ year to over 5000 procedure/ year. Have developed and built upon existing basic interventional services provided by the hospital. Current caseload mix includes Hepatic chemo-embolizations, Y 90 embolization, TIPS, vascular malformations, genitourinary and other hepatobiliary interventions as well as multitude of dialysis/ venous access. A robust peripheral vascular diseases program exists at the Vascular Access Center and EOGH. Administrative responsibilities include running the section of 5 full time and one part time physicians as well as 2 physician assistants and a nurse practitioner.

Full range of Interventional services at NYU medical center, Bellevue hospital, VA medical center (Manhattan, NY), Hospital for joint diseases. 3/2003- 3/2006  
Cleveland Clinic Foundation, Cleveland Ohio. 8/2002- 3/2003

#### **EDUCATIONAL ACTIVITIES**

##### **LECTURES**

03/2019      Invited Faculty, Extreme IR - SIR

03/2019      Invited Faculty, TIPS Workshop – SIR

- 03/2019 Invited Faculty, Trauma Workshop – SIR
- 12/2018 Invited Faculty, 6<sup>th</sup> Annual Update Liver Disease, NJ
- 10/2018 Invited Faculty, Endovascular Simulation Lab, Cornell University Medical Center, Digestive Disease Interventions
- 2018 Invited Faculty, Society of Chairs of Academic Radiology Departments (SCARD), Annual Meeting, Santa Fe, NM
- 03/2018 Invited Faculty, Extreme Trauma, Society of Interventional Radiology Annual Meeting, Los Angeles, CA
- 03/2018 Invited Faculty, TIPS and DIPS, Society of Interventional Radiology Annual Meeting, Los Angeles, CA
- 10/2017 Invited Faculty, Endovascular Simulation Lab, Cornell University Medical Center, Digestive Disease Interventions
- 2017 Invited Faculty, Pulmonary and Genitourinary Tumor Ablation, World Conference on Interventional Oncology Annual Meeting, Boston
- 2016 Invited Faculty, Tumor Ablation Workshop, World Conference on Interventional Oncology Annual Meeting, Boston
- 2016 Invited Faculty, Emergent Embolotherapy Workshop, SIR Annual Meeting, Seattle, WA
- 2015 “Current Ablative Techniques”, Clinical Interventional Oncology Symposium, Hollywood, FL, Industry sponsored lecture at national meeting
- 03/2014 “Meet the Professor-venous diseases” at the SIR Annual Meeting, San Diego
- 2011-2013 Course Director, Annual UMDNJ Multidisciplinary Hepatocellular Carcinoma Symposium; Started a multidisciplinary symposium on Hepatocellular Carcinoma treatment with Hepatology, Oncology and Liver Transplant Surgery as well as Radiology and Interventional Radiology with 14 speakers Providing 7 hours of CME.
- 2006-2020 Course Co-Director; Annual Radiology Resident Board Review; Instituted Revised board review course run by Department of Radiology to suite new Board format.

- 2013 European Congress of Interventional Oncology, Budapest, Targeted Treatment of Hepatocellular carcinoma using Microwave ablation
- 2013 Society of Interventional Radiology, New Orleans, Workshop Faculty, Hemodialysis access interventions
- 12/2011 Radiology Grand Rounds, Bombay Hospital and medical research center, Mumbai, India. October 2012 Surgical Grand Rounds, UMDNJ Department of Surgery
- 05/2011 Radiology Grand Rounds, sir JJ Group of Hospitals, Mumbai, India
- 05/2011 Grand Round at Bronx-Lebanon Hospital, Bronx, NY, March 2011 Grand Round/Board review at Newark Beth Israel Hospital
- 05/2011 Medical Grand Rounds, UMDNJ-NJMS Department of Medicine, September 2010 Grand Round at Sir J.J. Group of Hospitals, Mumbai, India
- 11/2010 Invited Faculty-Advanced Interventional Forum, New York, NY. Single Incision Tunneled central venous catheter placement
- 04/2010 Tips for TIPS Grand Rounds, Radiology Bronx-Lebanon Hospital, Bronx, NY
- 03/2010 Hepatic artery embolization for liver tumors, Grand Rounds, Radiology Bronx-Lebanon Hospital, Bronx, NY
- 2010 Faculty, Venous Access Workshop SIR Annual Meeting, Tampa, FL
- 03/2009 Faculty, Venous Access Workshop SIR Annual Meeting, San Diego, CA
- 09/2008 Radiology Resident Board Review, Beth Israel Medical Center, Newark, NJ/Bronx Lebanon Hospital
- 06/2008 Bronchial Artery Embolization and Rasmussens Aneurysm, Asia Pacific Society of Interventional Radiology, Kuala Lumpur
- 03/2007-03/2006 Faculty, Chest Interventions Workshop – Pulmonary Artery Interventions Annual Meeting, Society of Interventional Radiology, Seattle, 03/2007 and Toronto, Canada 03/2006
- 2006 Pulmonary Grand Rounds, UMDNJ

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|---------|--|
| 2006    | Pulmonary Grand Rounds, NYU  |
| 2005    | OB/GYN Grand Rounds  |
| 02/2004 | Biliary complications post orthopic Liver Transplant, NYU Liver Transplant Society Meeting, New York, NY |
| 12/2003 | Workshop on CT/US guided procedures, NY Head to Toe, New York, NY  |
| 02/2002 | Review of Hepatic Chemoembolization, NYU Liver Transplant Society Meeting, New York, NY                  |
| 01/2000 | Review of TIPS, Indian Radiology and Imaging Association Annual Meeting, Bhopal, India                   |
| 01/2000 | Update on Biliary Interventions, Indian Radiology and Imaging Association Annual Meeting, Bhopal, India  |

## **ABSTRACTS AND PRESENTATIONS**

### **PRESENTATIONS**

1. Jazmati, Cieslak, Jamil, Chaudhry H, Kumar A, Contractor S, Shukla S (2019) Time Lapse after institutional trauma CT evaluation may affect extravasation seen on subsequent selective angiography in patients with traumatic injuries. SIR annual meeting, Austin, TX
2. Chandra, Wajsol, Contractor S, Shukla, Kumar A. Safety and efficacy of sacroplasty for sacra fractures: a systematic review and metaanalysis. SIR annual meeting, Austin, TX 3/2019
3. Shahid, Chandra, Shukla, Contractor S, Kumar A. Expedited TR Band removal after transradial visceral interventions: a single- center experience. SIR annual meeting, Austin, TX 3/2019
4. Cieslak, Shahid, Forcella, Bueno, Contractor S, Shukla, Kumar A. Single session pharmacomechanical thrombolysis for the treatment of iliofemoral and iliocaval deep vein thrombosis in the ear of Zelante: a single center experience. SIR annual meeting, Austin, TX 3/2019



5. Jamil, Chandra, Shukla, Contractor, Kumar. Radial versus femoral access- is there a preference among nursing providers? SIR annual meeting, Austin, TX 3/2019
6. Cieslak, Jazmati, Siddiqui, Chaudhry, Kumar, Contractor, Shukla. Utility of institutional trauma CT evaluation prior to angiography in patients presenting with splenic trauma. SIR annual meeting, Austin, TX 3/2019
7. Cieslak, Jazmati, Siddiqui, Chaudhry, Kumar, Contractor, Shukla. Factors that may affect extravasation seen on institutional trauma CT evaluation of patients with traumatic injuries. SIR annual meeting, Austin, TX 3/2019
8. Jazmati T., Kiswa P., Contractor, & Jon A. (2018). Anatomy and Treatment of Spontaneous Porto-systemic Shunts. SIR Annual Meeting. Los Angeles, CA.
9. Jon A., Kiswa P., Jazmati T., & Contractor S. (2018). Endovascular Rescue of Traumatic Renal Artery Injuries- a Case Series. SIR Annual Meeting. Los Angeles, CA
10. Jon A., Hussain A., Kiswa P., & Contractor S. (2017). How do I T IPS it: Tips to Accomplish the Difficult TIPS. CIRSE Annual Meeting. Copenhagen, DK
11. Wajswol, E., Jazmati, T., Contractor, S., & Kumar, A. (2018). Portal Vein Embolization Utilizing N-Butyl Cyanoacrylate for Contralateral Lobe Hypertrophy Prior to Liver Resection: A Systematic Review and Meta-Analysis. Cardiovascular and Interventional Radiology, 1-11.
12. Jon, A., Kiswa P., Hani, S., Jazmati, T., & Contractor S. (2018). Types of Spontaneous Porto-Systemic Shunts and Indications for IR Guided Embolization. SIR Annual Meeting. Los Angeles, CA.
13. Jon A., Kiswa P., & Contractor S. (2017). Management of A typical Osteoid Osteoma. WCIO. Boston, MA.
14. Jon A, Kiswa P, Tor re ADL, Contractor S. Phase 1 study of Immune Enhanced Locoregional therapy: Hepatic Artery Embolization combined with Intratumoral and Systemic Poly-ICLC to treat Liver Cancer. SIR Annual meeting. Washington, D.C. 3/2017.

15. Jon A, Hussain A, Kiswa P, Contractor S Friday night special: Tips for managing difficult TIPS. CIRSE Annual Meeting. Copenhagen, DK, 9/2017.
16. Ranganath P, Khodarahmi I, Fung P, Koneru B, Contractor S, Pysopoulos N, Ghesani N. 68-Gallium Citrate as a Novel Biomarker for PET/CT Imaging in Hepatocellular Carcinoma – First in Human Study. WMIC. New York, NY, 2016.
17. Mojtahedi A, Kiswa P, Contractor S. Vascular interventional approach for management of bullet bolization to the heart. CIRSE. Copenhagen, DK, 9/2016.
18. M Shahid, S Contractor. Conventional TACE, what is the convention, WCIO, Boston, 2016
19. A Kumar, A Jon, P Shukla, S Contractor Percutaneous fluoroscopic gastrostomy: is it better to push or pull? SIR, Vancouver, 4/2106
20. P Thomas, P Kiswa, S Contractor Optimal obliquities for angiographic evaluation of major vessels, SIR, Vancouver, 4/2016
21. P Tomas, X Chin, P Kiswa, S. Contractor. Troubled waters: renal vascular emergencies: imaging and management, SIR, Vancouver, 4/2016
22. A Kumar, A Jon, P Shukla, S Contractor. Endovascular management of pulmonary embolism: a pictorial review, SIR, Vancouver, 4/2106
23. J. Thomas, Simon Chivi, Usman Shahid, S Contractor Use of Pha-seal transfer system during chemoembolization. WCIO, May 2015
24. S Contractor, S Chivi Microwave ablation of HCC done using a unique 915 MHz internally cooled system- results from a single center. WCIO, May 2015
25. Jacob Thomas, Usman Shahid, S Contractor The knife and Gun Club, selected cases from a Trauma center SIR, Atlanta 2015

26. Abhi Kumar, Pratik Shukla, S. Contractor Readability assessment of internet-based patient education materials related to uterine artery embolization. SIR, New Orleans, 2013
27. Kumar A, Yoon J, Thakur V, Contractor S. Safety and efficacy of Partial Splenic Embolization for hypersplenism: A meta-analysis. SIR, New Orleans, 2013
28. Yoon J, Kumar A, Contractor S. New technique to extend a short tunneled dialysis catheter by extending the pre-existing tunnel. SIR, New Orleans, 2013
29. Ali N, Kumar A, Yoon J, Tholany J, Contractor S. Tools of the trade: A review of biomaterials used to make guide wires and catheters, and its relevance to the interventional radiologist. SIR, New Orleans, 2013
30. Kumar A, Contractor S, Yoon J, Complications following liver transplantation and the role of IR-guided solutions. CIRSE, Barcelona, 2013
31. Kim M, Kumar A, Kiszka P, Contractor S Anatomical variants of the biliary tree and implications on percutaneous transhepatic cholangiography: a pictorial review. CIRSE, Barcelona, 2013
32. Abhi Kumar, J. Yoon, P. Shukla, R. Holayter, S. Contractor Post biliary stent safety catheter placement: does safety count? SIR, San Francisco, 2012
33. P. Shukla, V. Lelkes, A. Kumar, S. Contractor Efficacy of Sherlock II tip location system for bedside peripherally inserted central venous Catheter. SIR, San Francisco, 2012
34. W. Bhatti, S Contractor, S Sedowski, P Kiszka, S Gonzales Renal artery stenting following blunt abdominal trauma Asia-Pacific IR Society annual meeting, Seoul, SK, Jun 2010
35. S Sedowski, S Contractor, W Bhatti Management of infected Tunelled central venous catheters Asia- Pacific IR Society annual meeting, Seoul, SK, Jun 2010

36. S Contractor, W Bhatti, S Sedowski Hemostream Chronic Dialysis catheter insertion via the Single Incision Technique Asia-Pacific IR Society annual meeting, Seoul, SK, Jun 2010
37. S Sedowski, S Contractor, Y Patel The Knife and Gun Club Asia-Pacific IR Society annual meeting, Seoul, SK, Jun 2010
38. L Partyka, S Contractor, W Bhatti, P Kizza Diagnostic Efficacy of Random Liver Biopsies performed using an 18 G versus a 20 G Coaxial needle Asia-Pacific IR Society annual meeting, Seoul, SK, Jun 2010
39. P. Kizza, S. Sadowski, S Contractor, S. Gonzales, D. Klyde Self Expandable Nitinol Stent for Post Liver Transplant Portal Vein Stenosis (PVS). Technical Aspects and Long Term Follow Up SIR Annual meeting, San Diego, CA, Mar 2009
40. A Merkulov, W. Bhatti, P. Kizza, S Contractor Renal Trauma (Accidental and Iatrogenic) and Interventional Management SIR Annual meeting, San Diego, CA, Mar 2009
41. De la Torre, C. Cathcart, W. Bhatti, P. Kizza, S Contractor Autologous Vaccination Against Hepatic Cancers with Radiotherapy, Intratumoral Poly-ICLC and Hepatic Artery embolization (HAE) SIR Annual meeting, San Diego, CA, Mar 2009
42. Contractor S, Merkulov A, Phatak T, Bhagat N Single Incision Technique for tunneled central venous access. Cardiovascular and Interventional Radiology Society of Europe annual meeting, Copenhagen, Sept 2008
43. Pawar R, Mitchell J, Contractor S Is Filter tilt at time of placement dependant on access vein? CIRSE, Copenhagen Sept 2008
44. Contractor S, Merkulov A, Pawar R. Transsubclavian Intrahepatic Portosystemic shunt placement. CIRSE, Sept 2008
45. Contractor S, Mahmood Y, Mitchell J Interventional Radiology in Management of Vascular and Nonvascular complications post Liver Transplant. Asia Pacific Society of Interventional Radiology Annual meeting, Kuala Lumpur, June 2008

46. Contractor S, Phatak T De Novo placement of a tunneled dialysis catheter using the single incision technique ASPCVIR, Kuala Lumpur, Jun 2008
47. Contractor S, Phatak T, Bhagat N, Mitchell J Single Incision technique for Tunelled central venous access.Society Of Interventional Radiology, Washington, DC, March 2008
48. Contractor S, Phatak T, Bhagat N, Mitchell J De Novo Placement of TDC over a wire. SIR, Washington, DC 2008
49. Kiswa P, Sheynzon V, Contractor S, Gonzalez S, Klyde D, Bahramipour P, Phatak T Intraprocedural Problems in Endovascular Treatment of Hepatic Artery stenosis in OLT patients: Examples and Solutions, SIR, Washington DC, 2008
50. Mitchell J, Pawar R, Sheynzon V, Contractor S The role of Interventional radiology in hepatic injury, from Trauma and Iatrogenic etiologies. Society of Interventional Radiology annual meeting, Seattle, 2007.
- 51 Mitchell J, Snellings R, Baladapandi P, Kiswa P, Contractor S Outpatient Hepatic artery embolizations: Results from a Single Institutional Practice group. SIR Seattle 2007
52. Mahmood Y, Mitchell J, Contractor S, Sheynzon V, Garcia T.Role of vascular and Interventional radiology in the diagnosis and treatment of Multisystem trauma: Collected cases. SIR, Seattle 2007.
53. Kiswa P, Mitchell J, Mahmood Y, Contractor S, Bahramipour P. Dermabond glue with ethiodol for PVE prior to right lobe liver resections: Volumetric retrospective study. SIR, Seattle 2007.
54. Kiswa P, Nikhil B, Contractor S, Gonzales S, Klyde D, Koneru B. AFP levels after ablation for HCC: Retrospective analysis in liver transplant population with pathological correlation. SIR, Seattle, 2007
55. Contractor S, Kurli V, Clark TW. Single Institutional experience with the Optease Filter: Retrospective analysis. SIR, Toronto 2006.

56. Rosen RJ, Contractor S. Endovascular management of idiopathic renal A-V fistula. SIR, Salt Lake City, UT April 2003.
57. O. Konez, P. Burrows-S. S Contractor. The Role of MRA and CTA in Vascular Anomalies. SIR, Salt Lake City, UT 2003
58. Rosen RJ, Contractor S, Deur T, Lamparello P, Riles T. Endoleak management using NBCA liquid adhesive. SIR, Baltimore, MD April 2002.
59. Contractor S, Gor D, Contractor D, Sofocleus C. Interventional Radiological assessment and management of Axillary and Subclavian vascular pathology. Cardiovascular and Interventional society of Europe (CIRSE), Sweeden 2001.
60. Contractor S, Sharma V, Maldjian P, Contractor D, Role of chest CT in predicting acute Right Ventricular dysfunction in patients with Pulmonary Embolism. SIR, San Antonio, TX, March 2001.
61. Contractor S, Sharma V, Gor D, Maldjian P, Contractor D, Can Interventricular Septal deviation on CT predict acute right ventricular dysfunction in patients with pulmonary embolism?
62. American Society of Emergency Radiology, San Francisco, CA, 2001
63. Bahramipour P, Contractor S, Barone A, Abujudeh H, Ahmad I, Kizza P Hemodynamic Assessment of the Pulmonary Circulation in patients with Portal Hypertension. SIR, San Diego, CA, March 2000.
64. Lee HJ, Contractor S, Kirsch C, Abujudeh H Emergencies in Spine Imaging. American Association of Spine Imaging annual meeting, Marco Island, FL, March 2000.
65. Wolansky LJ, Kirsch C, Lee HJ, Rao S, Contractor S Diagnostic Accuracy of Single shot Echo-Planar Imaging in Intracranial Disease. American Roentgen Ray Society annual meeting, Washington D.C., May 2000.
66. Kizza P, Miller J, Contractor S, Abujudeh H. Comparison of Plain Films and Helical CT for fast assessment of bone and soft tissue injuries of the Cervical spine in blunt trauma victims. American Society of

67. Emergency Radiology annual meeting, Orlando, FL, March 2000
68. Contractor S, Baker S, Tomkovich, Kizza P. Radiology Resident Research Participation Survey. Association of University Radiologists. San Diego 1999.
69. Miller J, Singer A, Contractor S, Doddakashi S. Cardiac Dimensions derived from Helical CT: Correlation with Plain film findings and Ejection fraction. American Society of Thoracic Radiology, Orlando 1999.
70. Holodny A, Kizza P, Contractor S, Liu W. Does a herniated nucleus pulposus contribute significantly to a decrease in the height of the Intervertebral Disc Space? A quantitative MR study. American Society of Neuroradiology, 1998.
71. Kizza P, Baker S, Contractor S, Tomkovich K. Research Participation and Mentoring of Residents-Practice and Perception. Association of University Radiologists, San Diego 1999.

## **PUBLICATIONS**

1. Wajswol, E., Jazmati, T., Contractor, S., Kumar, A. Portal Vein Embolization Utilizing N-Butyl Cyanoacrylate for Contralateral Lobe Hypertrophy Prior to Liver Resection: A Systematic Review and Meta-Analysis. Cardiovasc Intervent Radiol 4/2018
2. Tomer N, Maldjian P, Slasy S, Contractor S. Artificial Intelligence and Radiology: Have the reports of the radiologist's demise been greatly exaggerated? Acad Radiology, 12/2017
3. Mojtaredi A, Contractor S, Kizza P. Endovascular management of bullet embolization to the heart. Vasc and Endovasc surgery, 2018.
4. Haokang Wei, Simon Chivi and Sohail Contractor. Long-Term Survival of Large ( $\geq 3$ CM) Hepatocellular Carcinoma Treated with Microwave Ablation. Remedy Publications LLC 2017 Vol 2 Article 1294.
5. Andrew N de la Torre, Sohail Contractor, Ismael Castaneda, Charles S Cathcart, Dolly Razdan, David Klyde, Piotr Kizza, Sharon F Gonzales, Andrew M Salazar. A Phase I trial using local regional treatment, nonlethal irradiation, intratumoral and systemic

polyinosinic-polycytidylic acid polylysine carboxymethylcellulose to treat liver cancer: in search of the abscopal effect. *Journal of Hepatocellular Carcinoma* 2017;4 111-121.

6. Jessica Goldman, Marc Solomon, Sohail Contractor. Hepatocellular carcinoma- Review of Treatment options with percutaneous ablativetherapies. *Clinics in Oncology*, 9/2016
7. Nakul Sheth, Nathaniel Sabbah, Sohail Contractor. Spontaneous Intrahepatic Porto-systemic shunt: Presentation and Endovascular treatment. *Vasc and Endovasc Surg*, Vol 15, May 2016
8. Kumar A, Yoon J, Kunac A, Contractor S. Endovascular coil embolization of a giant pulmonary artery pseudo aneurysm from a gunshot wound. *Trauma* 2015, Vol 17(1) 61-66
9. Contractor S, Kumar A, Philip M, Patel D, Karcich J, Kiswa P. Use of Phaseal closed transfer system to prevent unintentional leakage of chemotherapeutic agents during preparation and delivery. *Jour Vasc and Interv Radiol*, Vol 26, 1/2015
10. Contractor S, Chung R, Donthireddy A, Kumar A. Uterine Arterio-venous vascular malformation masked by partial molar pregnancy: Diagnostic challenge and embolic treatment. *Journal of Obstetrics and Gynecology of India*, 10.1007/s 13224-0601-9, 9/2014
11. Patel D, Kumar A, Ranganath P, Contractor S. Endovascular treatment of arterio-venous fistulae with covered stents: case series and review of literature. *SAGE open access medical case reports*, sco.sagepub.com, 8/2014
12. Abhishek Kumar, Ahmed Shaikh, Luke Partyka, Sohail Contractor Cystic artery Pseudo aneurysm presenting as a complication of Laparoscopic cholecystectomy treated with thrombin injection *Clinical Imaging*, 01/2014; DOI:10.1016/j.clinimag.2014.03.002
13. John Yoon, Christopher Ponce, Sohail Contractor Blunt breast trauma treated with endovascular embolization. *J Vasc Interv Radiol*, 2014 Jun; 25(6):981-3. Doi: 10.1016/j.jvir.2014.02.003.
14. Ahmed Shaikh, David Klyde, Sohail Contractor Testicular artery



hemorrhage following inguinal hernia repair. J Vasc Interv Radiol May 2014 Volume 25, Issue 5, pp 805-8.

15. Pratik Shukla, Saurin Sanghvi, Valdis Lelkes, Abhishek Kumar, Sohail Contractor Readability Assessment of Internet-based patient education materials related to Uterine Artery Remobilization J Vasc Interv Radiol. 4/3013; Vol 24, Issue 4, 469- 474
16. Valdis Lelkes, Abhishek Kumar , Pratik A Shukla, Sohail Contractor, Thomas Rutan Analysis of the Sherlock II tip location system for inserting peripherally inserted central venous catheters Clin Imaging 2013
17. Pratik Shukla, Sohail Contractor, Joe T Huang, Michael A Curi Coil remobilization as a treatment alternative for dialysis-associated steal syndrome Vasc Endovascsurgery. 8/2012; 46(7):546-9
18. Pratik Shukla, A Kumar, D Klyde, Sohail Contractor.Pyomyoma after uterine artery embolization. J Vasc Interv Radiol 2012, Vol 23, Issue 3, 423-424
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