

## VIKRAM S. DOGRA, M.D.

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**Certification:** The American Board of Radiology.  
American Registry, ARDMS (Ultrasound Physics, and Abdomen,  
OB/GYN, Neurosonography)

### EDUCATION AND EXPERIENCE

- 2005- Present**      **Professor of Diagnostic Radiology, Urology\* and Biomedical Engineering\***  
*Affiliate Professor, Chester F. Carlson Center for Imaging Science, Rochester Institute of Technology, Rochester NY\*\**  
Associate Chair of Education and Research  
Director Division of Ultrasound  
Program Director of Radiology Residency (2005-2007)  
*Department of Imaging Sciences, University of Rochester School of Medicine.*  
(\* adjunct appointment since 2006, \*\* affiliate appointment since 2007)
- 2004- 2005**      **Vice-Chairman of Education**  
Program Director Radiology Residency  
Director Division of Ultrasound  
Section Head – GU Radiology  
Associate Professor of Diagnostic Radiology & Biomedical Engineering.  
*Department of Radiology University Hospitals of Cleveland, Case Western Reserve University.*
- 2003-2004**      **Associate Professor** of Diagnostic Radiology & Biomedical Engineering.  
Director Division of Ultrasound  
Associate Program director Radiology residency  
Section Head – GU Radiology  
Program Director Cross-Sectional Imaging Fellowship.

*Department of Radiology University Hospitals of Cleveland,  
Case Western Reserve University.*

- 2001-2003**           Assistant Professor  
Director Division of Ultrasound  
Section Head – GU Radiology  
Program Director Cross-Sectional Imaging Fellowship  
*Department of Radiology University Hospitals of Cleveland,  
Case Western Reserve University, 11100 Euclid Ave, OH 44106.*
- 2000-2001**           Assistant Professor  
Director Division of Ultrasound  
Mercy Medical center and North Eastern Ohio  
*Universities College of Medicine (NEOUCOM).  
1320 Mercy Drive, NW, Canton, Ohio 44708, USA*
- 1999-2000**           Instructor and Cross Sectional Imaging Fellow  
University of Rochester Medical Center, *601 Elmwood Ave,  
Rochester, NY 14642*
- 1995-1999**           Radiology Residency  
Erie County Medical Center ( SUNY@Buffalo). *462 Grider  
Street. Buffalo, NY 14215.*
- 1994-1995**           Transitional Year Resident  
St. Vincent Medical Center (Yale University School of Medicine  
Affiliate) *2800 Main St, Bridgeport, CT.*
- 1992-1994**           Supervisor, Ultrasound Department  
St. Louis Regional Medical Center, Department of Radiology, *St.  
Louis, Missouri*
- 1982-1992**           Director of Ultrasound Center, Family Medicine Practice.  
*OM Medical Center, Vikas Marg, Dehli, India.*
- 1977 - 1982**           Indian Armed Forces, India. Captain - Medical Officer
- 1971 – 1977**           Medical School- JIPMER (India) - MD

### **HONORS AND AWARDS**

- 1995**           *Resident of the Year* for excellence in teaching  
St. Vincent Medical Center, Department of Medicine  
Bridgeport, Connecticut.
- 1995**           *Certificate of "Excellence in Medical Informatics"*

St. Vincent Medical Center, Department of Medicine  
Bridgeport, Connecticut.

- 1996-1999** *Certificate of Appreciation* for Extended Service on the Off-Site Rotation and Non-Core Hospital Rotation Committee  
State University of New York at Buffalo, Buffalo, New York.
- 1997-1998** *Chief Resident*, Radiology Residency Program  
State University of New York at Buffalo.
- 1997-1998** *Award for Excellence*, Department of Radiology  
State University of New York at Buffalo, Buffalo, New York (1998)
- 1998** *Roentgen Resident/Fellow Research Award*  
Radiological Society of North America
- 1998-1999** *Co-Chair Film Panel Session* (Steering Committee Member)  
American Association of Academic Chief Residents in Radiology,  
A3CR2
- 2000** *Certificate of Merit* for Scientific poster presentation, 86<sup>th</sup> Scientific Assembly and Annual meeting of RSNA 2000, Chicago
- 2001-2002** *Teacher of the year award for excellence in teaching*- Case Western Reserve University, University Hospitals of Cleveland, Cleveland Ohio.
- 2003** *Award for Promoting Continuous Medical Education* in India- By American Association of Radiologists of Indian Origin, Magnum Diagnostic Center Bombay
- 2004** *Honorable mention* for “substantial contributions to the Society and the radiology community worldwide for continuing education”. Brian C. Lentle, MD—RSNA President and William W. Olmsted, MD—Editor. A Note of Thanks. RadioGraphics 2004;24:819-820
- 2004** *Honorable mention* for scientific poster presentation 29<sup>th</sup> Scientific assembly of the Society of Uroradiology, March7-12, 2004 Scottsdale, Arizona.
- 2004** *"Laurence A. Mack Research award"* from the society of Radiologists in Ultrasound (SRU) for original research work entitled *"The value of high intensity focused ultrasound to control post biopsy hemorrhage: feasibility study in a porcine model."*
- 2004** *Award for Excellence* for promoting Ultrasound Education- given by North East Ohio Ultrasound Society, Nov 15<sup>th</sup> 2004.

- 2005** *Finalist in the New Investigator Award Competition.* "The value of high intensity focused ultrasound to control post biopsy hemorrhage: feasibility study in a porcine model." at 2005 AIUM Annual Convention, June 19-22, at the Walt Disney World Swan and Dolphin Hotel in Orlando, Florida.
- 2005** Elected **Fellow** of Society of Uroradiology (**FSUR**).
- 2005** Elected **Fellow** of European Society of Uroradiology ( **FESUR**)
- 2005** **Second Place in Scientific Poster** Session. Paspulati RM, Bhatt S, **Dogra VS**. Sonographic Spectrum in First Trimester Bleeding. Presented at AIUM annual convention, June 19-22, 2005 at Orlando.
- 2005** *Certificate of Merit.* Bhatt S, MacLennan G, **Dogra VS**. Renal Pseudo Tumors: Imaging Features and Pathological Correlation. Presented at 91st Scientific Assembly and Annual Meeting of the Radiological Society of North America, November 27-December 2, 2005 in Chicago, Illinois
- 2005** *Distinguished Committee Service Award (Ultrasound)* given by **ACR** (American College of Radiology)
- 2006** **First Place in Scientific** Poster Session. Bhatt S, Rubens DJ and **Dogra V**. *Color flow Doppler evaluation of testicular torsion and its pitfalls.* Presented at AIUM 51st annual convention in Washington DC, March 23<sup>rd</sup>-26<sup>th</sup>, 2006.
- 2006** **Third Place in Scientific** Poster Session. Hannah C; Bhatt S; Deborah R; Patrick F; **Dogra V**. Tricks and Pitfalls of Ovarian torsion Imaging. Presented at AIUM 51st annual convention in Washington DC, March 23<sup>rd</sup>-26<sup>th</sup>, 2006.
- 2006** **First Prize for Scientific Paper** at World Congress of Endourology, "Intraoperative visualization of cavernous nerves using NIRF of ICG".
- 2006** **RSNA Trainee Research Prize.** *Monophasic Venous Waveforms: What Do They Mean?* Lin E, Bhatt S, Rubens D J, and **Dogra V S**. 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois
- 2006** **Certificate of Merit.** Corey Sides, Bhatt S, Rubens DJ, **Dogra VS**. Color Flow Doppler Evaluation of Testicular Torsion and Its Pitfalls.

Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*

- 2006**      **Certificate of Merit.** Chang HC, Bhatt S, Fultz PJ, Rubens DJ and **Dogra VS.** Pearls and Pitfalls of Ovarian Torsion. Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*
- 2006**      **Editors Recognition Award 2006** for reviewing scientific manuscripts for publication in European Journal of Radiology.
- 2007**      **Arvin E. Robinson Award.** Given to a senior faculty member who demonstrates excellence in Radiology resident education and teaching. University of Rochester, NY.
- 2007**      **First Prize-** Bhatt S and **Dogra VS.** Acute gynecological presentations with emphasis on color flow Doppler evaluation, presented at the Society of gastrointestinal Radiologists and The Society of Uroradiology in conjunction with The European Society of Urogenital Radiology.
- 2007**      **Certificate of Merit.** Lee J, Bhatt S and **Dogra V.** Imaging of Epididymis. Electronic exhibit at the 107th annual meeting of the American Roentgen Ray Society.
- 2007      **Fellow** of American Institute of Ultrasound in Medicine (**FAIUM**).
- 2008      **Cum Laude.** Lee J C, MD, Bhatt S and **Dogra V S.** Imaging of the Epididymis. Education Exhibit, 93rd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 25-Nov 30th, 2007 in Chicago, Illinois.
- 2007      **Certificate of Merit.** Bhatt S and **Dogra V S.** Role of Sonography in Testicular Trauma. Education Exhibit, 93rd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 25-Nov 30th, 2007 in Chicago, Illinois.
- 2007      **Certificate of Merit.** Chang H, Bhatt S, Klekers A, Simon R and **Dogra V S.** Cystic Lesions of Spleen. Education Exhibit, 93rd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 25-Nov 30th, 2007 in Chicago, Illinois.
- 2008      **Honorable mention.** Bhatt S, Klekers AR, Simon R, **Dogra V.** Sonographic Spectrum of Splenic Lesions. The American Institute of Ultrasound in Medicine (AIUM)2008 AIUM Annual Convention, March 12-15,

- 2008           **Shu-Ren-Lin award** for excellence in Radiology Resident Teaching, University of Rochester, NY
- 2008           **Fellow** of Society of Radiologists in Ultrasound (**FSRU**).
- 2008           **Certificate of Merit.** Ginat DT, Bhatt S, Singh MJ and **Dogra VS**. CT Features of the Thoracic and Abdominal Aorta Following Surgery. 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*
- 2008           **Certificate of Merit.** Klekers AR, Bhatt S, Sidhu R and **Dogra VS**. CT Nephrogram: Normal and Abnormal patterns. 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*
- 2009           **Dr. Diwan Chand Aggarwal Memorial Oration award.** Presented by Indian Radiological and Imaging Association at the 62<sup>nd</sup> annual convention in Patna
- 2009           **Academy of Medicine Award in Honor of George H. Whipple** – Rochester Academy of Medicine. Wood J, Bhatt S and **Dogra VS**. Cystic Renal Cell Carcinoma: A Radiographic, Pathological, and Clinical Survey of 23 Tumors
- 2009           **Certificate of Merit.** Huang B, Bhatt S, **Dogra VS**. Sonography of unusual benign scrotal lesions. Electronic exhibit at the 109<sup>th</sup> annual meeting of the *American Roentgen Ray Society*, 2009 Boston, MA.

## **PUBLICATIONS**

1.     **Dogra VS**, Poblete J. Retroperitoneal Sarcoidosis and Ultrasound Findings. *J Clin Ultrasound*, 1993;5; 21:285-288.
2.     **Dogra VS**, Poblete J. Metastatic Carcinoid Tumor in the liver. *J Clin Ultrasound*, 1993; 21:639-641
3.     **Dogra VS**, Shyken JM, Menon PA, Poblete J, Lewis D, Smeltzer J. Abnormal neurosonographic Findings Associated with Maternal History of Cocaine Use in Appropriate for Gestational Age Neonates. *AJNR Am J Neuroradiol* 1994; April (15): 697-702.
4.     **Dogra VS**, Menon PA, Poblete J, Smeltzer JS. Neurosonographic Imaging in Cocaine and Cytomegalovirus Exposed Small for Gestational Age neonates. *J Clin Ultrasound*; 1994;22; 93-102.
5.     **Dogra VS**, Smeltzer JS, Poblete J. Sonographic Diagnosis of Fournier's Gangrene. *J Clin Ultrasound* 1994;22; 571-572.
6.     Smeltzer JS, **Dogra VS**, Shyken JM, Walentik C, Cai H, Poblete J, Hassan S. Middle Cerebral Artery Blood Flow Indices in Cocaine Exposed Small for

- Gestational Age Neonates. Journal of Fetal-Maternal Investigation, 1994:4 (supplement): S7 (10).
7. **Dogra VS**, Smeltzer JS. Letter to the Editor: Risk of Pneumothorax and Percutaneous needle biopsy. Chest, 1995: (107) 5; 1477-1478.
  8. **Dogra VS**, Shyken JM, Menon PA, Poblete J, Lewis D, Smeltzer JS. Abnormal Neurosonographic Findings Associated with Maternal History of Cocaine Use in Appropriate for Gestational Age Neonates. Mosby's Year Book of OB/GYN, 1995, pp 251-253.
  9. Shah AG, Brown RB, **Dogra VS**, Smeltzer JS. Ventilation Power and A-a Gradient as Predictors of Mortality and Morbidity in Patients on Ventilator Support. Respiratory and Critical Care Medicine, 1995: (151) 4. (Part 2 of 2): A490.
  10. Shah AG, **Dogra VS**, Clayton SA, Srinivasan J, Smeltzer J. Usefulness of Initial Lactic Acid Dehydrogenase (LDH) Levels and Alveolar-Arterial (A-A) Gradient as Predictors of Survival in Pneumocystis Carinii Pneumonia (PCP) Connecticut Medicine 1995 :( 59) 7; 418.
  11. Gupta A, **Dogra VS**, Ahmed I, and DelBalso A. Letter to the Editor: Missile Emboli to the Pulmonary Artery. Am J Emerg Med, 1997:15; 2:213-214.
  12. Mehta A, **Dogra VS**. Intratesticular Varicocele. J Clin Ultrasound, 1998:26; 1:49-51.
  13. **Dogra VS**, Gottlieb RH and Deborah RJ. Benign Scrotal Cystic Lesions: Sonographic Features. Contemporary Diagnostic Radiology, Vol (23): Number 21; Oct, 15, 2000
  14. **Dogra VS**, Sessions A, Mevorach RA, Deborah RJ. Reversal of Diastolic Plateau in Partial Testicular Torsion. J Clin Ultrasound; 2001:29; 105-108.
  15. **Dogra VS**, Gottlieb RH, Deborah RJ, Oka M, DiSantAgnese AP. Testicular Epidermoid Cysts: Sonographic Features with Histopathological Correlation. J Clin Ultrasound; 2001:29:192-196.
  16. **Dogra VS**, Gottlieb RH, Deborah RJ, and Liao L. Benign Intratesticular Cystic Lesions: US Features. Radiographics 2001;21:S273-S281
  17. **Dogra VS**, Resnik MI. Ultrasonography of the Scrotum. J Ultrasound Med 2002; 21:848-848
  18. **Dogra V**. Testicular Epidermoid Cysts. Am J of Roentgenol (AJR) 2002;179 (4):1075

19. **Dogra VS**, Saad W, Gottlieb RH, Rubens DJ. : Scrotal Metastases from Lung adenocarcinoma. Am J of Roentgenol (AJR) 2002;179:1647-1648.
20. **Dogra VS**. Imaging of Endometriosis- Sonographic perspective. Contemporary Diagnostic Radiology Vol 25:Number15; July 15, 2002.
21. **Dogra, V.**, Ledwidge, M. E., Winter, T. C. III, Lee, F. T. Jr. Bell- Clapper Deformity. Am J of Roentgenol (AJR) 2003 180: p. 1176-1177
22. **Dogra VS**, Oka M, Gottlieb RH and Deborah RJ. “ Sonography of the Scrotum. Radiology 2003; 227: 18-36.
23. **Dogra V**, Bhatt S. Acute Painful Scrotum. Acute painful scrotum. Radiol Clin N Am. 2004 Mar;42(2):349-63.
24. Sadeghi-Nejad H, **Dogra V**, Seftel AD, Mohamed MA. Priapism. Radiol Clin N Am. 2004 Mar; 42(2):427-43.
25. **Dogra V**. Emergency ultrasound. Editorial. Radiol Clin N Am. 2004 Mar;42(2):XI.
26. **Dogra VS**, Nathan J and Bhatt S. Sonographic appearance of Testicular Adrenal Rest Tissue in Congenital Adrenal Hyperplasia. J Ultrasound Med 2004;23:979-981
27. Rubenstein RA, **Dogra VS**, Seftel AD and Resnick MI. Benign Intrascrotal Lesions. J Urol. 2004 May;171(5):1765-72.
28. **Dogra VS**, Rubens JD, Gottlieb RH and Bhatt S. Torsion and Beyond: New Twists in Spectral Doppler Evaluation of the Scrotum. J Ultrasound Med 2004;23:1077-1085
29. Prologo JD, **Dogra V** and Farag R. CT Diagnosis of Fat Embolism. The Am J Emerg Med, 2004. 22/7, pp 605-606
30. Deng CX, **Dogra V**, Exner AA, Wang H, Bhatt S, Zhou Y, Stowe NT, Haaga JR. A feasibility study of High intensity focused ultrasound for liver biopsy hemostasis. Ultrasound in Med & biol 2004; 30(11):1531-1537.
31. **Dogra VS** Paspulati R and Bhatt S . First Trimester Bleeding Evaluation. Ultrasound Q. 2005 Jun; 21(2):69-85.
32. Bhatt S, Kocakoc E, Rubens DJ, Seftel AD and **Dogra V**. Ultrasound Evaluation of Penile Trauma. J Ultrasound Med 2005;24:993-1000

33. McAchran SE, **Dogra V** and Resnick MI. Office Urologic Ultrasound. Urol Clin North Am. 2005 Aug;32(3):337-352.
34. Kocakac E, Bhatt S and **Dogra VS**. Renal Multidetector Row CT. Radiol Clin North Am. 2005 Nov;43(6):1021-47.
35. **Dogra VS** and Bhatt S and Rubens DJ. Sonographic Evaluation of Testicular Torsion. Ultrasound Clinics, (Vol)1:1 January 2006,55-66
36. Bhatt S **and Dogra VS** . Doppler Imaging of the Uterus and Adnexae. Ultrasound Clinics (Vol)1:1 January 2006,201-222.
37. Vourganti S, Agarwal PK, Bodner DR and **Dogra VS**. Ultrasonographic Evaluation of Renal Infections. Ultrasound Clinics (Vol)1:1 January 2006, 1-14
38. Singer E, Dragan DA, Golijanin J Davis, RS, and **Dogra V**. What's New in Urologic Ultrasound? Urol Clin N Am, 2006, ( 33), 279-286.
39. Golijanin D, Singer E, Davis R, Bhatt S, Seftel A and **Dogra V**. Doppler evaluation of erectile dysfunction - Part I. Int J Impot Res. 2007 Jan-Feb;19(1):37-42.
40. Golijanin D, Singer E, Davis R, Bhatt S, Seftel A and **Dogra V**. Doppler evaluation of erectile dysfunction - Part II. Int J Impot Res. 2007 Jan-Feb;19(1):43-8.
41. Bhatt S, Rubens DJ and **Dogra VS**. Benign Intrascretal Lesions. Ultrasound Quarterly Volume 22 (2) june 2006, PP 121-136
42. Judd B, Messing E and **Dogra V**. Prostate Sonography. Radiol Clin N Am, 2006; 44: 679-687.
43. Sadeghi-Nejad H and **Dogra V**. Cotroversies in transrectal Ultrasonography and prostate biopsy. Ultrasound Q, 2006 (22);3:169-175.
44. Uppuluri S, Bhatt S, Tang P, and **Dogra V**. Clear Cell Papillary Cystadenoma with Sonographic and Histopathological Correlation. J Ultrasound Med 2006;25:1451-1453.
45. Lin EP, Marshall J, Bhatt S, Simon R, Davis R and **Dogra VS**. Penile Schwannoma – Sonographic features. J Ultrasound Med 2006;25:1447-1450.
46. Bhatt S, Simon R and **Dogra VS**. Gamna-Gandy Bodies-Sonographic features with histopathological correlation. J Ultrasound Med 2006;25:1625-1629
47. Markhardt KB, Rubens DJ, Huang J and **Dogra VS**. Sonographic features of Biliary Hamartomas with histopathological correlation. J Ultrasound Med 2006; 25;1631-1633.

48. Bhatt S, Wehbe C and **Dogra VS**. Phlegmasia dolens- a case report. J Clin Ultrasound. 2007 Sep;35(7):401-4.
49. Bhatt S, Vanderlinde S, Farag R and **Dogra VS**. Pararectal Paraganglioma. Br J Radiol. 2007 Oct;80(958):253-6.
50. Bhatt S, Kocakoc E, and **Dogra VS**. Endometriosis: Sonographic Spectrum. Ultrasound Q 2006;22(4); 273-280.
51. Marshall J, Lin E, **Dogra V**, and Davis R. Schwannoma of the Penis -Preservation of the Neurovascular Bundle. Urology. 2007 Aug;70(2):373
52. Bhatt S. MacLennan G and **Dogra V**. Renal Pseudo tumors- Pictorial essay. AJR Am J Roentgenol. 2007 May;188(5):1380-7.
53. Bhatt S, Huang J. **Dogra VS**. Littoral cell angioma of spleen AJR Am J Roentgenol. 2007 May;188(5):1365-6.
55. Jandzinski D, VanWijngaarden E, **Dogra V**, Fisher SG, Conde A and Rubens D. Renal sonography with 2-dimensional versus cine organ imaging: preliminary results. J Ultrasound Med. 2007 May;26(5):635-44.
56. McComsey GA, O'Riordan M, Hazen SL, El-Bejjani D, Bhatt S, Brennan ML, Storer N, Adell J, Nakamoto DA, and **Dogra V**. Increased carotid intima media thickness and cardiac biomarkers in HIV infected child AIDS. 2007 May 11;21(8):921-927.
57. Bhatt S, Simon R, and **Dogra VS**. Littoral Cell Angioma: Sonographic and Color Doppler features. J Ultrasound Med. 2007 Apr;26(4):539-42.
58. Vourganti S, Agarwal PK, Bodner DR and **Dogra VS**. Ultrasonographic evaluation of renal infections. Radiol Clin North Am. 2006 Nov;44(6):763-75.
59. Sadeghi-Nejad H, Brison D and **Dogra V**. Male Erectile Dysfunction. Ultrasound Clin 2 (2007) 57–71
60. Lin EP, Bhatt S, **Dogra VS** and Rubens DJ. Sonography of Urolithiasis and Hydronephrosis. Ultrasound Clin 2 (2007) 1–16
61. Christensen JD, and **Dogra VS**. New Advances in Genitourinary Ultrasound. Ultrasound Clin 2 (2007) 105–114
62. Kocakoc E, Bhatt S and **Dogra VS**. Ultrasound Evaluation of Testicular Neoplasms. Ultrasound Clin 2 (2007) 27–44

63. Bhatt S, Hamad G and **Dogra VS**. Sonographic evaluation of Scrotal and penile trauma. *Ultrasound Clin* 2 (2007) 45–56
64. Bhatt S, Hamad G and **Dogra VS**.” Sonography of ectopic pregnancy”. *Radiol Clin North Am*. 2007 May;45(3):549-60.
65. Turgut AT, Ölçücüoğlu E, Koşar, P Geyik PO, Koşar U, **Dogra VS**. Power Doppler Sonography of the Feeding Arteries of the Prostate Gland: a Novel Approach to the Diagnosis of Prostate Cancer? *J Ultrasound Med*, 2007; 26:875-883.
66. Lin EP, Bhatt S, Rubens D J, and **Dogra V S**. The significance of monophasic Doppler waveform in the common femoral vein: a retrospective study. *J Ultrasound Med*, 2007;26;885-891.
67. Lin EP, Bhatt S, Rubens DJ, **Dogra VS** .Testicular Torsion: Twists and Turns. *Seminars in Ultrasound, CT and MRI- 2007 August (Vol. 28, Issue 4); Pages 317-328*
68. Jared D. Christensen , **Dogra VS** . The Undescended Testis. *Seminars in Ultrasound, CT and MRI- 2007 August (Vol. 28, Issue 4); Pages 307-316*
69. Lee J, Bhatt S and **Dogra VS**. Imaging of Epididymis. *Ultrasound Quarterly* 2008, 24, (1):1-16.
70. Turgut A T, Akhan O, Bhatt S and **Dogra V S**. Sonographic Evaluation of Hydatid Disease. *Ultrasound Quarterly* 2008, 24, (1):17-29.
71. Di L, Rao N, Kuo CH, Bhatt S, **Dogra V**. Independent component analysis applied to ultrasound speckle texture analysis and tissue characterization. *Med Bio S* 2007;1:6523-6
72. Turgut AT, Ölçücüoğlu E, Turan C, Kiliçoğlu B, Koşar P, Geyik P Ö. Koşar U, and **Dogra V**. Preoperative Ultrasonographic Evaluation of Testicular Volume and Blood Flow in Patients With Inguinal Hernias. *J Ultrasound Med* 2007; 26:1657-1666.
73. Bhatt S, Ghazale H, **Dogra VS**. Sonographic Evaluation of the Abdominal Aorta. *Ultrasound Clin* 2 (2007) 437–453.
74. Gaitini D, Razi NB, Engel A, **Dogra VS**. Sonographic evaluation of vascular injuries. *Ultrasound Clin* 3 (2008) 33–48
75. Bhatt S and **Dogra VS**. Catastrophes of abdominal aorta: sonographic evaluation. *Ultrasound Clin* 3 (2008) 83–91
76. Lin E, Bhatt S, and **Dogra VS**. Lower Extremity Venous Doppler. *Ultrasound Clin* 3 (2008) 147–158

77. Turgut AA, Bhatt S and **Dogra VS**. Acute Painful Scrotum. *Ultrasound Clin* 3 (2008) 93–107.
78. Sidhu R, Bhatt S and **Dogra VS**. Renal Colic. *Ultrasound Clin* 3 (2008) 159–170.
78. Dighe M, Cuevas C, Moshiri M, Dubinsky T, and **Dogra V**. Sonography in First Trimester Bleeding. *J Clin Ultrasound*. 2008 Jul-Aug;36(6):352-66.
79. Chang HC, Bhatt S, and **Dogra VS**. Pearls and Pitfalls of Ovarian Torsion. *RadioGraphics* 2008; 28: 1355-1368.
80. Duda JB, Bhatt S and **Dogra VS**. Significance of Whirl Sign in Guiding Management of Small Bowel Obstruction. *AJR Am J Roentgenol*. 2008 Sep;191(3):743-7.
81. Marshal J, Lin EP, Bhatt S and Dogra VS. Inflammatory Pseudotumor of the Kidney. *J Ultrasound Med*. 2008 May;27(5):803-807
82. Parekh VK, Bhatt S, and **Dogra VS**. Abdominal Pregnancy: An Unusual Presentation. Parekh VK, Bhatt S, **Dogra VS**. Abdominal pregnancy: an unusual presentation. *J Ultrasound Med*. 2008 Apr;27(4):679-81.
83. Cardin AL, Marshall J, Bhatt S , Erturk E , Wu G, and **Dogra VS**. Antopol Goldman Lesion of Kidney : A Case Report of observation.. *Acta Radiol*. 2008 Jul;49(6):715-717. .
84. L. E. Derchi; N. Grenier; G. Heinz-Peer; **V. Dogra**; F. Franco; G. A. Rollandi; C. Deminiere. Imaging of Renal Leiomyomas. *Acta Radiol*. 2008 Apr 23:1-6. [Epub ahead of print]
85. Li E, S Bhatt and **Dogra VS**. Diagnostic Clues to Ectopic Pregnancy. *RadioGraphics* 2008; 28: 1661-1671
86. Bhatt S and **Dogra V S**. Role of Sonography in Testicular Trauma. *RadioGraphics* 2008; 28: 1617-1629.
87. Ginat DT, Bhatt S and **Dogra V S**. Replacement Lipomatosis of the Kidney: sonographic features. *J Ultrasound Med* 2008; 27:1393–1395
88. Bhatt S, Simon R and **Dogra VS**. “Inflammatory pseudotumor of the spleen: Radiologic-pathologic Correlation”. *American Journal of Roentgenology(AJR)* 2008; 191:1477-1479..

89. Cassar S, Bhatt S, Paltiel HJ, Dogra VS. Role of Spectral Doppler in the Evaluation of Partial Testicular Torsion. *J. Ultrasound Med.* 2008 27: 1629-1638
90. Schiffhauer L, Gebhardt J, Tretheway D and **Dogra VS**. Metastatic versus Primary Oncocytic Papillary Adenocarcinoma of the Endometrium: A Report of a Case and Review of the Literature. *Accepted for publication in International Journal of Gynecological Pathology.*
91. Secil M, and **Dogra VS**. Color Flow Doppler Evaluation of Uterus and Ovaries and its Optimization Techniques. *Ultrasound Clin 3 (2008) 461–482*
92. Kocakoc E, Bhatt S and **Dogra VS**. Endometriosis. *Ultrasound Clin 3 (2008) 399–414*
93. Karcaaltincaba M, Karcaaltincaba D and **Dogra VS**. Pelvic Congestion Syndrome. *Ultrasound Clin 3 (2008) 415–425*
94. Turgut AT, Ödev K, Kabaalioglu A, Bhatt S and **Dogra VS**. Multimodality Evaluation of Renal Hydatid Disease. *American Journal of Roentgenology (AJR ) 2009; 192:462-467*
95. Johnson N, Cassar S, Bhatt S and **Dogra VS**. Fibrous Capsular Contracture of the Testicular Implant. *J Ultrasound Med 2009 28: 263-265.*
96. Huang BK, Hubeny CM and **Dogra VS**. Sonographic Appearance of a Retained Tunneled Catheter Cuff Causing a Foreign Body Reaction. *J Ultrasound Med 2009 28: 245-248.*
97. Ultrasound Assessment of Premenopausal Bleeding. Paspulati RM, Turgut AT, Bhatt S, Ergun E, **Dogra VS**. *Ultrasound Clin 3 (2008) 345–368*
98. Testicular Hamartomas. **Dogra VS** & Bhatt S. *Ultrasound Quarterly 2009;25:2.67-68*
99. Inflammatory Pseudotumor of Kidney. **Dogra VS** & Bhatt S. *Ultrasound Quarterly 2009;25:2.69-70.*
100. Replacement renal sinus lipomatosis (RRL) of the kidney. **Dogra VS** & Bhatt S. *Ultrasound Quarterly 2009;25:2.71-73.*
101. Sidhu R,S. Bhatt S and **Dogra VS**. Magnetic Resonance Imaging of Non-Ovarian cystic lesions in the Female Pelvis. *Invited by Radiographics.*

**INVITED GUEST EDITORSHIP**

1. **Guest Editor-Radiologic Clinics of North America-** Emergency Ultrasound March 2004 issue (Radiol Clin North Am. 2004 Mar; 42(2): XI.
2. **Guest Editor- Ultrasound Clinics- GU Ultrasound, (Vol)1:1 January 2006.** W.B Saunders Company, Philadelphia, USA. (ISSN 1556-858X, ISBN 1-4160-34369—2)
3. **Guest Editor- Ultrasound Clinics-** Genito-urinary Ultrasound, January 2007 (Vol 2, Issue 1). W.B Saunders Company, Philadelphia, USA
4. **Guest Editor-Radiologic Clinics of North America -** Emergency- Cross Sectional Imaging, March 2007 (Vol 45, Issue 2).
5. **Guest Editor- Ultrasound Clinics-** Emergency Ultrasound, January 2008. W.B Saunders Elsevier enterprise, Philadelphia, USA.
6. **Guest Editor- Ultrasound Clinics-** Womens Imaging, October 2008 (Vol 3, Issue 4) W.B Saunders Elsevier enterprise, Philadelphia, USA.
7. **Guest Editor- Ultrasound Clinics-** New Advances in Ultrasound , Nov 2009 (W.B Saunders Elsevier enterprise, Philadelphia, USA.
8. **Consulting Editor -** Ultrasound Clinics. Published by Elsevier Science.

### **Editorial Assignments in Professional Journals:**

#### **Editorial Board Member**

1. **Editorial board member (International)-** *Firat Medical Journal ( Turkey)*
2. **Editorial Board Member-** Radiology case Reports (Washington University Seattle)
3. **Editorial board member-** TSW Urology ( The Scientific World Journal)
4. **Editorial Advisory Board member -** *Journal of Ultrasound in Medicine (JUM)*
5. **Editorial board member of** *Ultrasound Quarterly.*
6. **JURSMS ( Journal of the University of Rochester School of Medicine & Dentistry)-** Faculty Advisor.

#### **Manuscript Reviewer**

<b>2000-Present</b>	Journal of Clinical Ultrasound: Genito-Urinary Specialty- Manuscript Reviewer.
<b>2001-Present</b>	American Journal of Roentgen Ray Society: Genito-Urinary Specialty- Manuscript Reviewer.
<b>2001-Present</b>	Radiology: Genito-Urinary Specialty- Manuscript Reviewer.
<b>2003-Present</b>	The Journal of Radiology- Genito-Urinary and Ultrasound Specialty- Manuscript Reviewer.
<b>2003-Present</b>	Reviewer for Indian Journal of Medical Sciences.
<b>2004- Present</b>	Reviewer for Journal of Ultrasound in Medicine (JUM)- Genito- Urinary, Neurosonology and General Ultrasound.
<b>2005- Present</b>	Reviewer for The Journal of Urology.
<b>2005-Present</b>	Medical Science Monitor – Member International Reviewers Panel.
<b>2005-Present</b>	Reviewer for the International Journal of Gynecological Cancer Publication of European society for gynecological society for gynecological oncology.
<b>2005-Present</b>	Reviewer for the International Journal of Impotence Research.
<b>2006-Present</b>	BMC Medical Imaging- (Ultrasound)
<b>2006- Present</b>	Pediatrics
<b>2006-Present</b>	European Journal of Radiology
<b>2007- Present</b>	IEEE Transactions on Medical Imaging
<b>2009-Present</b>	Journal of Emergency Medicine.Trauma &Acute Care

### **TEXT BOOKS OF RADIOLOGY**

1. ***Editor in Chief***- Text book of Ultrasound entitled “**Ultrasound Secrets**”, published by Elsevier **Science, 2004. ISBN 1-56053-594-6.**
2. ***Co-Editor*** Radiology Text Book- “**Body CT Secrets**”, Mosby Elsevier 2006. **ISBN 0-323-03404-7.**

3. **Co-Editor.** Atlas of Genitourinary Radiology: The Pathologic Basis. Springer-Verlag, London Limited. To be released in Dec 2008.
4. **Section Editor** GU radiology. CT & MRI Imaging of the Whole body. Mosby, 5th ed., 2008 ( In Preparation).
5. **Co-Editor.** An atlas of “ Ultrasound Guided Procedures” under preparation. Thieme Publishers, NY, USA
6. **Co-Editor.** Musculoskeletal Ultrasound Atlas with MRI & CT Correlation. Thieme Publishers, NY, USA
7. **Co-Editor.** Principles of Imaging for Primary Care. **Elsevier Science 2009**

### **BOOK CHAPTERS**

1. **Dogra VS** and Errol Levine- Chapter 41. The kidney. In: Haaga JR, Lanzieri, CF, (eds). Computed Tomography and Magnetic Resonance Imaging of the body. Mosby, 4th ed., 2001. Pages 1537-1609.
2. **Dogra V** and Bhatt S. Scrotal Sonography. In: Dogra V & Rubens D, ed. Ultrasound Secrets. 1<sup>st</sup> ed. Philadelphia, PA: Hanley&Belfus, 2004; 420-424
3. **Dogra V** and Bhatt S. Erectile dysfunction and priapism. In: Dogra V & Rubens D, ed. Ultrasound Secrets. 1<sup>st</sup> ed. Philadelphia, PA: Hanley&Belfus, 2004; 420-424
4. Tamarkin SW and **Dogra VS**. Benign and Malignant Adnexal Lesions. In: Dogra V & Rubens D, ed. Ultrasound Secrets. 1<sup>st</sup> ed. Philadelphia, PA: Hanley&Belfus, 2004; 97-104
5. Bhatt S, Merchant S and **Dogra VS**. *The Kidney*. In: Strang JS & Dogra V, ed. Body CT Secrets. 1<sup>st</sup> ed. Philadelphia, PA: Mosby, Elsevier 2006; 225-253.
6. Miller KG, and **Dogra VS**. *The Male Pelvic Organs*. In: Strang JS & Dogra V, ed. Body CT Secrets. 1<sup>st</sup> ed. Philadelphia, PA: Mosby, Elsevier 2006; 379-384.
7. **Dogra V** and Bhatt S. *Adverse Contrast Reactions*. In: Strang JS & Dogra V, ed. Body CT Secrets. 1<sup>st</sup> ed. Philadelphia, PA: Mosby, Elsevier 2006; 26-34
8. Prologo D and **Dogra V**. *CT for Pulmonary Embolism*. In: Strang JS & Dogra V, ed. Body CT Secrets. 1<sup>st</sup> ed. Philadelphia, PA: Mosby, Elsevier 2006; 72-75.
9. McAchran S, **Dogra VS** and Resnick MI. Office Based Ultrasound for Urologists. American Urological Association (AUA) Update Series Lesson # 28.

10. **Dogra VS** and Bhatt S. Penis. Diagnostic Ultrasound: A logical approach (Eds) McGahan and Barry B. Goldberg. Lippincot-Raven publishers, Philadelphia, 2006
11. **Dogra V** and Crawford. *Colon and Appendix*. In: Strang JS & Dogra V, ed. Body CT Secrets. 1<sup>st</sup> ed. Philadelphia, PA: Mosby, Elsevier 2006; 290-300.
12. Bhatt S and **Dogra VS**. The Kidney. In: Hagga JR, Lanzeieri CF (Eds). Computed Tomography and Magnetic Resonance Imaging of the Body. Mosby, 5<sup>th</sup> edition;2008
13. Bhatt S and Dogra VS. Recent advances in Imaging for lung cancer; In Lung cancer: Translational & Emerging Therapies. (Eds) Pandaya KJ, Brahmer J and Hidalgo M. Taylor & Francis, NY 2007.
14. **Dogra VS** and Bhatt S. Acute scrotal pain- imaging evaluation for a more specific Diagnosis” categorical course syllabi, RSNA 2006.
15. **Dogra VS** & Turgut AT. Prostate carcinoma: Evaluation using Transrectal Sonography. In ( Ed) Hayat MA. Methods of Cancer Diagnosis, Therapy & Prognosis. A Springer publication, under print 2008.
16. **Dogra VS** and Sharma R. Imaging of Renal Artery. In (Ed) Ho & Reddy. Imaging of the cardiovascular Disease. An Elsevier publication. 2009
17. Ergun E, Turgut AT, Sanli A E and **Dogra V**. Vascular Ultrasound: Physics, Instrumentation, and Clinical Techniques. In (Ed) Ho & Reddy. Imaging of the cardiovascular Disease. An Elsevier publication. 2009

### **NATIONAL AND INTERNATIONAL PRESENTATIONS**

1. **Dogra VS**, Shyken JM, Menon PA, Poblete J, Lewis D, Smeltzer J. Abnormal Neurosonographic Findings Associated with Maternal History of Cocaine Use in Appropriate for Gestational Age Neonates. Presented at the World Conference of Neuroradiology (ASNR), Vancouver, Canada, May 1993.
2. **Dogra VS**, Menon PA, Poblete J, Smeltzer JS. Neurosonographic Abnormalities of Small for Gestational Age Neonates with Reference to Cocaine Exposure and Cytomegalovirus Infection. Presented at the World Conference of Neuroradiology (ASNR), Vancouver, Canada, May 1993
3. **Dogra VS**, Smeltzer JS, Walentik C, Menon PA, Cai H, Poblete J, Lewis D. Standardization of a Doppler Technique and Velocities in Middle Cerebral Artery in Normal Neonates. Presented at the AIUM 37th Annual Convention, Baltimore, Maryland, March 1994.

4. Smeltzer JS, **Dogra VS**, Shyken JM, Walentik C, Cai H, Poblete J, Hassan S. Middle Cerebral Artery Blood Flow Indices in Cocaine Exposed Small-for-Gestational-Age-Neonates. Presented at the International Perinatal Doppler Society, Toronto, Canada, September 1994.
5. Smeltzer JS, **Dogra VS**, Walentik C, Menon PA, Cai H, Poblete J, Hassan S. Middle cerebral artery (MCA) Blood Flow Indices in Cocaine-Exposed Appropriate-for-Gestational-Age Neonates. Presented at the AIUM 39th Annual Convention, San Francisco, CA, March 1995.
6. Shah AG, **Dogra VS**, Clayton SA, Srinivasan J, Smeltzer JS. Comparison of initial LDH levels versus A-a gradient as a predictor of survival in PCP. Presented at the ACP (CT) Spring Scientific Session, May 1995.
7. Shirodkar NP, **Dogra VS**, Alvarado N, DelBalso A. Review of Urologic and Vascular complications of Renal Transplant by serial Ultrasonography. Presented at the ARRS Annual Meeting, San Francisco, California, April 1998.
8. Rubens DJ, **Dogra VS**, Taylor L, Porter B, Parker KJ. Two-Dimensional Sonoelastography of the Normal Liver. Presented at the AIUM, 44th annual convention, San Francisco, California April 2-5, 2000.
9. Deng C, **Dogra VS**, Exner A, Stowe N, Wang H, Zhou Y, Bhatt S, Haaga JR. "High intensity focused ultrasound for liver biopsy hemostasis" Presented at Acoustical Society of America (ASA) meeting on 24-28 May 2003, New York
10. **Dogra VS**, Oka M, Rubens DJ, Gottlieb R. Spectral Doppler Evaluation of The Epididymis: Significance Of Low Resistance Arterial Flow. "Presented at the 23rd International Congress of Radiology, June 25-29, 2004 Montreal, Canada.
11. **DOGRA VS**, DENG X, EXNER A, STOWE, N, BHATT S & HAAGA JR. " The value of High Intensity Focused Ultrasound to Control Post Biopsy Hemorrhage: Feasibility Study in a Porcine Model" Presented at Annual meeting of Society of Radiologists in Ultrasound on 29<sup>th</sup> Oct 2004, Washington DC.
12. **Dogra VS**, Salibi N, Bhatt S, Rafie S, MacLennan G, Hoffman R, Duerk J and Hillenbrand C. "Evaluation of fat-containing adrenal lesions using Magnetic Resonance <sup>1</sup>H Spectroscopy (MRS): initial experience". Society of Uro-radiology meeting at San Antonio, Texas 27<sup>th</sup> Feb to 4<sup>th</sup> March 2005.
13. **Dogra VS**, Rafie N, Martin C, Bhatt S, Novak R, Haaga JR. CT guided Retroperitoneal Adrenal Gland Biopsy (RAGB) -is it Safe. Society of Uro-radiology meeting at San Antonio, Texas 27<sup>th</sup> Feb to 4<sup>th</sup> March 2005.

14. **Dogra VS**, Deng X, Exner A, Stowe N, Bhatt S and Haaga JR. "The value of high intensity focused ultrasound to control post biopsy hemorrhage: feasibility study in a porcine model." Finalist in the New Investigator Award Competition at 2005 AIUM Annual Convention, June 19-22, at the Walt Disney World Swan and Dolphin Hotel in Orlando, Florida.
15. Nakamoto DA ; Blanchard S; Arora S; Chelimsky G; **Dogra V**. safety and utility of ultrasound-guided liver biopsy in the evaluation of infants with persistent jaundice or hepatosplenomegaly. Aium annual meeting Orlando on 22nd June 2005.
16. **Dogra VS**, Bhatt S, Novak R, Martin C, MacLennan G. Pheochromocytoma: A retrospective review of 27 cases with their histopathologic correlation. Presentation at European Society of Uroradiology (ESUR) annual meeting, Sept 8-11, 2005 at Ljubljana, Slovenia.
17. Chang H, Carson N, Bhatt S, Rubens D and **Dogra V**. Is venous compression necessary in DVT evaluation of lower extremities? Presented at the 2006 AIUM Annual Convention, March 23-26, at the Marriott Wardman Park Hotel in Washington, DC.
18. Bhatt S, Rubens DJ, Vyas R, Strang J, Orloff M, Bozorgzadeh A and **Dogra V**. *Significance of high resistive indices (RIs) during the immediate post liver transplant period in predicting transplant outcome*. 2006 AIUM Annual Convention, March 23-26, Marriott Wardman Park Hotel in Washington, DC.
19. Pallwein L; Steiner, H ; Schurich M ; zur Nedden D; Frauscher F; **Dogra V**. SonoElastography of testicular masses: initial experience. Presented at American Institute of Ultrasound in Medicine (AIUM): 51st annual convention in Washington DC, March 23<sup>rd</sup>-26<sup>th</sup>, 2006.
20. Christensen J and **Dogra V**. Qualitative Assessment of Web-based Radiology Teaching Files. Presentation a 54<sup>th</sup> annual meeting of Association of University Radiologists (AUR) at Austin, Texas: April 5-8<sup>th</sup>, 2006
21. Kocakoc E, Bhatt S, **Dogra V**. *Utility of venous compression in DVT evaluation revisited* . presented at the 106<sup>th</sup> annual meeting of the **American Roentgen Ray Society**, April 30 – May 5, 2006, in Vancouver, BC, Canada.
22. Lin E, Bhatt S, Ormanoski M, Rubens D, **Dogra V**. Revisiting the Significance of Monophasic Waveforms on DVT Evaluation. Presented at World Federation of Ultrasound in Medicine and Biology (**WFUMB**) meeting at Seoul, Korea on 5-30-2006.
23. Golijanin D, Silvers C, Singer E, Mevorach R, **Dogra V**, Wood R, Jay E. Reeder<sup>1</sup> JE, Messing EM, Joseph J. Method to diagnose testicular torsion using near infrared

- fluorescence (NIFR) of intravenous indocyanine green (ICG). Presented at World Congress of Endourology, 8/2006, Cleveland.
24. Golijanin D, Madeb R, Wood R, Yao J, **Dogra V** Reeder JE, Joseph J and Messing EM Preoperative and intraoperative imaging of penile sentinel lymphnodes (SLN) using indocyanine green (ICG) near infrared fluorescence (NIFR) .) Presented at World Congress of Endourology, 8/2006, Cleveland.
  25. Golijanin D, Johnson A, Silvers C, **Dogra V**, Yao J, Wood R, Reeder JE, Joseph J, Messing EM. Intraoperative sentinel lymphnode (SLN) detection using near infrared fluorescence (NIFR) after intravesicle administration of indocyanine green (ICG) after administration to up up II/SV 40T mouse model of bladder cancer. Presented at World Congress of Endourology, 8/2006, Cleveland.
  26. Monophasic Venous Waveforms: What Do They Mean?. Lin E, Bhatt S, Rubens D J, and **Dogra V S**. 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
  27. Chaturvedi AK, MD, **Dogra VS**, Rao A, Thakral A, Marcy P, Khoo. A Comparative Study of Patient Compliance and Diagnostic Yield during Computed Tomography (CT) Guided Fine Needle Aspiration Biopsy (FNAB) of Superior Mediastinal Masses by Suprasternal Route versus Transpulmonary Approach. 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
  28. McComsey GA, O’Riordan M, El Bejjani DE, Storer N, Bhatt S, and **Dogra V**. Homocysteine level is not a good marker of cardiovascular risk in HIV infected children: A study of cardiovascular markers and carotid ultrasound. The 8th International Workshop on Adverse Drug Reactions and Lipodystrophy in HIV, San Francisco, CA, September 2006
  29. Bhatt S and **Dogra VS**. Utility of high frequency transducer Sonography in scrotal trauma. AIUM Annual convention, march 15-18<sup>th</sup> New York, 2007
  30. Peter H Takeyama PH, Saad N, **Dogra V**. Acoustic Barrier Artifact in Doppler Ultrasound Evaluation of Expanded Polytetrafluoroethylene-Covered Transjugular Intrahepatic Portosystemic Shunt Stent. AIUM Annual convention, march 15-18<sup>th</sup> New York, 2007
  31. Vanderlinde, S. **Dogra V**. Can Significant Cardiac Abnormalities Be Identified on Routine Chest CT Scans? Scientific paper at the Association of University Radiologists 55th Annual Meeting, to be held April 24-28, 2007 at Hyatt Regency Denver at Colorado.
  32. El-Sherief A, Hall TR, Baillie S, **Dogra V**. The Novice Learner in Radiology: A Comparison of Medical Student Attitudes and Perceptions of the Traditional Block Clerkship versus Integrated Curriculum. Scientific paper at the Association of University

- Radiologists 55th Annual Meeting, to be held April 24-28, 2007 at Hyatt Regency Denver at Colorado.
33. **Dogra V**, Conover DL, Golijanin D, Johnson AM, Ning R, Messing EM, Wood R, Reeder JE. Monitoring Bladder Tumor Growth in a Mouse Model by Flat Panel Detector, Cone Beam Computed Tomography oral presentation at the 107th annual meeting of the American Roentgen Ray Society, to be held May 6-11, 2007, in Orlando, Florida.
  34. Lai D, Rao N, Kuo C, Bhatt S, **Dogra V**. Independent Component Analysis (ICA) Applied to Ultrasound Speckle Texture Analysis and Tissue Characterization. 29th International Conference of the IEEE Engineering in Medicine and Biology Society in conjunction with the Biennial Conference of the French Society of Biological and Medical Engineering(SFGBM) Lyon, France 23rd - 26th August, 2007.
  35. Duda J, Bhatt S and **Dogra VS**. “Significance of Whirl Sign in Guiding Management of Small Bowel Obstruction (SBO)” 93rd Scientific Assembly and Annual meeting of *Radiological Society of North America*, 2007.
  36. Lai D, Rao NA, Bhatt S, Arnold SC, Chinni B and **Dogra VS**. *Acoustic Lens Characterization for Ultrasound and Photoacoustic C-scan Imaging Modalities*. Accepted for presentation at the 30th Annual International Conference of the IEEE Engineering in Medicine and Biology Society to be held in Vancouver, British Columbia, Canada, 20th - 24th August, 2008.
  37. Hedegard WC, Bhatt S, Saad WE, Rubens DJ and, **Dogra VS**. Nonvisualization of Hepatic Arteries on Post-transplant Doppler Ultrasound—Technical Limitation or Real? 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
  38. AC Ross, N Storer, MA O’Riordan, S Bhatt, **V Dogra**, GA McComsey. Carotid intima-media thickness (cIMT) improve overtime in HIV-Infected children. *Presentation at the 10th International Workshop on Adverse Drug Reactions and Lipodystrophy in HIV*.
  39. Rao NA, Dogra VS and Arnold SC. Lens Based Photoacoustic Imaging System. *SPIE 2009 BiOS Biomedical Optics Symposium held 24-29 January 2009 in San Jose*.
  40. Hedegard WC, Bhatt S, Saad WE, Rubens DJ and, **Dogra VS**. Nonvisualization of hepatic arteries on post-transplant Doppler ultrasound. Technical limitation or Real? *Presentation at the 2009 AIUM Annual Convention, April 2-5, 2009, at the New York Marriott Marquis Hotel in New York City*.
  41. Turgut A T, Turan C; Yigit H; Kosar P; Kosar U and **Dogra V**. Correlation of Mean Values of the Resistivity Index With Age, Menopausal Status, and Mammographic Pattern in a Normal Breast. *Presentation at the 2009 AIUM Annual Convention, April 2-5, 2009, at the New York Marriott Marquis Hotel in New York City*.

42. Lai D, Rao N, Kuo C, Bhatt S and **Dogra V**. AN ULTRASOUND IMAGE DESPECKLING METHOD USING INDEPENDENT COMPONENT ANALYSIS. *The Sixth IEEE International Symposium on Biomedical Imaging (ISBI'09) Boston.*

### **SCIENTIFIC EXHIBIT PRESENTATIONS**

1. Smeltzer JS, **Dogra VS**, Shyken JM, Walentik C, Cai H, Poblete J, Hassan S. Middle Artery Blood Flow Indices in Cocaine Exposed Appropriate-for-Gestational Age Neonates. Presented at the Society of Perinatal Obstetricians, Atlanta, Georgia, January 1995.
2. Shah AG, Brown RB, **Dogra VS**, Smeltzer JS. Ventilation Power and A-a Gradient as Predictors of Mortality and Morbidity in Patients on Ventilator Support. Presented at the American Thoracic Society International Conference, Seattle, Washington, and May 1995.
3. Zaidi SM, **Dogra VS**, Clayton SA. Renal Biopsy in Nephrotic Range Proteinuria and its Impact on the Management. Presented at the ACP (CT) Spring Scientific Session, May 1995.
4. Sharma B, **Dogra VS**, Herman M. A Study of Left Ventricular Dysfunction in Sickle Cell Anemia Patients. Presented at the ACP (CT) Spring Scientific Session, May 1995.
5. Zaidi S, **Dogra VS**, Clayton SA. Caroli's Disease with Cholangiocarcinoma. Presented at the ACP (CT) Spring Scientific Session, May 1995.
6. Sabir M, Safdar A, **Dogra VS**, Clayton SA. Acute Chest Syndrome in Sickle Cell Disease. Presented at the ACP (CT) Spring Scientific Session, May 1995.
7. **Dogra VS**, Shah AG, Clayton SA. Elevated CK-MB Enzyme in DKS: Is It Significant? Presented at the ACP (CT) Spring Scientific Session, May 1995.
8. Shah AG, **Dogra VS**, Burd R. Cost Effective Approach in the Management of Cyclic Neutropenia. Presented at the ACP (CT) Spring Scientific Session, May 1995.
9. **Dogra VS**, Zaidi M, Clayton SA. Non-Hodgkin's Lymphoma-Isolated to the Bone Marrow. Presented at the ACP (CT) Spring Scientific Session, May 1995.
10. **Dogra VS**, Shirodkar NP, Alvarado N, Mascaro F. Role of Functional MR-Diffusion Weighted Image Sequence in Stroke. Presented at the ARRS Annual Convention, San Francisco, California, April 1998.

11. Shirodkar NP, **Dogra VS**, Femia R, DelBalso AM. Role of Radiology in Sarcoidosis: A Review. Presented at the Association of University Radiologists Annual Meeting, San Diego, California, March 1999.
12. **Dogra VS**, Shirodkar NP, Alvarado N, Mascaro F. Role of functional MR-Diffusion Weighted Image Sequence in Stroke. Presented at the Association of University Radiologists Annual Meeting, San Diego, California, March 1999.
13. **Dogra VS**, Deborah RJ, Liao L, Gottlieb RH. Benign Intratesticular Cystic Lesions: Sonographic Features. 86th Scientific Assembly and Annual meeting of Radiological Society of North America, Chicago, Illinois Nov 26-Dec1, 2000
14. Liao L, **Dogra VS**, Oka M, Gottlieb RH, Deborah RJ. Torsion and Beyond: New Twists in Spectral Doppler Evaluation of the Scrotum. (*Certificate of Merit*) 86th Scientific Assembly and Annual meeting of Radiological Society of North America, Chicago, Illinois Nov 26-Dec1, 2000
15. Oka M, **Dogra V**, Seo GS, Monu JUV: Medial ankle distress syndrome or posterior tibial tendon dysfunction and mimics. 94<sup>th</sup> Annual Scientific Assembly of Southern Medical Association, Orlando, FL Nov. 1-5, 2000. [JSMA 2000; 93(10):S106]
16. Rubens DJ, **Dogra V**, Taylor LS, Porter B, Parker KJ. 2D and 3D Sonoelastography of the Normal Liver. IEEE International Ultrasonics Symposium, San Juan, Puerto Rico, October 22-25, 2000.
17. Rubens DJ, Taylor LS, **Dogra VS**, WU Z, Porter BC, Parker KJ. Vibration Sonoelastography: Defining Parameters for clinical Imaging. Presented at 87<sup>th</sup> Scientific Assembly and Annual meeting of Radiological Society of North America, Chicago, Illinois Nov 25-Nov 30, 2001. (GE is subcontractor and partner for NIH grant #AG16317-03)
18. **Dogra VS**, Shahin, A. Sonographic imaging of endometriomas and its mimics. Presented at 88<sup>th</sup> Scientific Assembly and Annual meeting of Radiological Society of North America- Chicago, Illinois Dec1-6, 2002.
19. Blackham KA, Nakamoto DA, **Dogra VS**, Lewin JS, Merkle EM. MRI Evaluation of the pregnant patient with maternal illness. Presented at 88<sup>th</sup> Scientific Assembly and Annual meeting of Radiological Society of North America- Chicago, Illinois Dec1-6, 2002.
20. Kelley EA, Singh AD, **Dogra V**. Metastatic Melanoma: Comparative Analysis of Imaging Modalities. Association of Research in Vision and Ophthalmology (ARVO), May 4-9, 2003, Ft.Lauderdale, Florida.

21. Nakamoto D, **Dogra VS**, Voci S, Rubens D. Color Doppler-Guided Interventional Ultrasound, Don't Place a needle without it. AIUM annual meeting Phoenix on 19<sup>th</sup> June 2004.
22. **Dogra VS**, Arron F, Bhatt S, Maclenan G. Imaging of the adrenal gland with emphasis on PET imaging and histopathologic correlation. Presented at Abdominal radiology course, 2004, march 7-12 Scottsdale, Arizona. - "Honorable Mention"
23. Bhatt S, Friedkin A, Maclenan G and **Dogra V**. Current concepts in Adrenal Gland Imaging with emphasis on Pet Imaging and Histopathological Correlation. 23rd International Congress of Radiology, 25-29, 2004 June, Canada.
24. Paspulati R, Bhatt S and **Dogra V**. Intrasctotal Benign lesions. 23rd International Congress of Radiology, June 25-29, 2004 Montreal, Canada.
25. Paspulati R, Bhatt S and **Dogra V**. Multimodality imaging of Endometriosis. 23rd International Congress of Radiology, June 25-29, 2004 Montreal, Canada.
26. S Bhatt; R M Paspulati D A Nakamoto; D J Rubens; **VS Dogra**. Ultrasound in the Evaluation of Testicular and Penile Trauma. 90<sup>th</sup> Scientific Assembly and Annual Meeting of the Radiological Society of North America (RSNA), November 28-December 3, 2004 in Chicago, Illinois.
27. Bhatt S, Maclennan G, Ekstein J , **Dogra V**. Multimodality Imaging of Pheochromocytoma with histopathological correlation. Society of Uro-radiology meeting at San Antonio, Texas 27<sup>th</sup> Feb to 4<sup>th</sup> March 2005.
28. **Dogra V**, Ekstein J, Bhatt S, Nakamoto D and Post A. Spectrum of Cholangiocarcinoma: Multimodality Imaging. Society of Gastro-Intestinal Radiology meeting at San Antonio, Texas 27<sup>th</sup> Feb to 4<sup>th</sup> March 2005.
29. Prologo JD, **Dogra V** and Bhatt S. "Rate of Patient Callbacks Resulting From Discrepant Reads of Radiology Residents on Call and Final Attending Reports in a Non-Trauma Academic Tertiary Care Center" Presented as scientific poster at Association of University Radiologists 53rd Annual Meeting, May 4-7, 2005 Montreal, Canada.
30. Bhatt S , Azar N, Paspulati RM, Nakamoto D, **Dogra V**. Sonographic Evaluation Of Penile Trauma. Presented at AIUM annual meeting Orlando on 19-22nd June 2005.
31. Bhatt S; Nakamoto D A; Paspulati R; Rubens D J; **Dogra V**. *Sonographic Imaging of Scrotal trauma*. Presented at AIUM annual convention, June 19-22, 2005 at Orlando.

32. Paspulati RM, Bhatt S, **Dogra VS**. Sonographic Spectrum in First Trimester Bleeding. Presented at AIUM annual convention, June 19-22, 2005 at Orlando
33. Prologo JD, **Dogra VS**, Bhatt S. Rate of patient callbacks resulting from discrepant reads of radiology residents on call and final attending reports in a non-trauma academic tertiary care center. Poster Presentation: American Society of Emergency Radiology Annual Meeting, September 2005.
34. Bhatt S, Paspulati RM, **Dogra VS**, Utility of Color Flow Doppler in Adnexal Sonography. Presented at 91st Scientific Assembly and Annual Meeting of the Radiological Society of North America, November 27-December 2, 2005 in Chicago, Illinois.
35. Bhatt S, MacLennan G, **Dogra VS**. Renal Pseudo Tumors: Imaging Features and Pathological Correlation. Presented at 91st Scientific Assembly and Annual Meeting of the Radiological Society of North America, November 27-December 2, 2005 in Chicago, Illinois
36. McComsey GA, O’Riordan M, Hazen S, Storer N, Bhatt S, and **Dogra V**: “*Carotid intima media thickness and cardiovascular markers in HIV infected children*”, The 13th Conference on Retroviruses and Opportunistic Infections, Denver Colorado, February 2006.
37. Bhatt S, Canacci A, MacLennan G, and **Dogra V**. Imaging of infrequent renal tumors with radio pathological correlation. Society of Uro-radiology, Abdominal Radiology Course 2006, Feb 26 – March 3, 2006. Kauai, HI. .
38. Bhatt S, Rubens DJ and **Dogra V**. Decreased blood flow in the testis: Is it testicular torsion? Society of Uro-radiology, Abdominal Radiology Course 2006, Feb 26 – March 3, 2006. Kauai, HI. .
39. Hannah C; Bhatt S; Deborah R; Patrick F; **Dogra V**. Tricks and Pitfalls of Ovarian torsion Imaging. Scientific Poster presentation at American Institute of Ultrasound in Medicine (AIUM): 51st annual convention in Washington DC, March 23<sup>rd</sup>-26<sup>th</sup>, 2006.
40. Bhatt S, Rubens DJ and **Dogra V**. *Color flow Doppler evaluation of testicular torsion and its pitfalls*. Scientific Poster presentation at American Institute of Ultrasound in Medicine (AIUM): 51st annual convention in Washington DC, March 23<sup>rd</sup>-26<sup>th</sup>, 2006.
41. Jandzinski D, Conde A, VanWinjgarden E, **Dogra V**, Rubens D, Comparison of volume acquisition mode ( Cine loop) versus Standard 2D Gray-Scale imaging – Preliminary results. Scientific Poster presentation at American Institute of Ultrasound in Medicine (AIUM): 51st annual convention in Washington DC, March 23<sup>rd</sup>-26<sup>th</sup>, 2006.

42. Jandzinski D, Conde A, VanWinjgarden E, Rubens D, **Dogra V** Comparison of Volume Acquisition Mode (Cine Loop) Versus Standard 2D Gray Scale Imaging of Kidneys - Preliminary Results., Electronic exhibit at the 106th annual meeting of the **American Roentgen Ray Society**, to be held April 30 – May 5, 2006, in Vancouver, BC, Canada.
43. Bhatt S, Rubens D, **Dogra V**. Sonographic Spectrum of Endometriosis. Scientific presentation at World Federation of Ultrasound in Medicine and Biology (**WFUMB**) meeting at Seoul, Korea on 5-28-2006 to 5-31-2006.
44. Bhatt S, **Dogra VS**, Imaging of Uterine abnormalities with Color Flow Doppler. Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
45. Bhatt S, **Dogra VS**. Acute Gynecological Presentations with Emphasis on Color Flow Doppler Evaluation. Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
46. Bhatt S, **Dogra VS**. Urologic Emergencies: Role of Sonography. Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
47. Corey Sides, Bhatt S, Rubens DJ, **Dogra VS**. Color Flow Doppler Evaluation of Testicular Torsion and Its Pitfalls. Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
48. Chang HC, Bhatt S, Fultz PJ, Rubens DJ and **Dogra VS**. Pearls and Pitfalls of Ovarian Torsion. Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
49. Bhatt S, Jafri ZH, Wasserman NF and **Dogra VS**. Non-Neoplastic Intratesticular Masses. Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
50. Paspulati RM, **Dogra VS** and Bhatt S. Ultrasound Assessment of First Trimester Bleeding. Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois.
51. Chaturvedi A K, **Dogra V S**, Thakral A; Rao A and Anand A K. A Computed Tomography (CT)-guided Neurolytic Celiac Plexus Block (NCPB) in Abdominal Malignancies: Indications, Technique, Complications, and Efficacy Assessment.

- Education Exhibit, 92nd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 26-December 1, 2006 in Chicago, Illinois
52. Bhatt S and **Dogra V**. Imaging of uterine abnormalities with color flow Doppler. Scientific Poster at the 2007 AIUM Annual Convention, March 15-18, at the Marriott Marquis Hotel, New York, NY.
  53. Christensen JD, Singer EA, Erturk E, **Dogra VS**. Predictors of Shock-Wave Lithotripsy Success For Proximal Uretral Calculi On Non-Contrast CT, presented as a poster exhibit at the Society of gastrointestinal Radiologists and The Society of Uroradiology in conjunction with The European Society of Urogenital Radiology Course 2007, April 15 – April 20, in Bonita Springs, Florida.
  54. Golijanin D, Silvers C, Singer E, Mevorach R, **Dogra V**, Wood R, Jay E. Reeder JE, Messing EM, Joseph J. Method To Diagnose Testicular Torsion Using Near Infrared Fluorescence (NIRF) Of Intravenous Indocyanine Green (ICG), presented as a poster exhibit at the Society of gastrointestinal Radiologists and The Society of Uroradiology in conjunction with The European Society of Urogenital Radiology Course 2007, April 15 – April 20, in Bonita Springs, Florida.
  55. Bhatt S and **Dogra VS**. Acute gynecological presentations with emphasis on color flow Doppler evaluation, presented at the Society of gastrointestinal Radiologists and The Society of Uroradiology in conjunction with The European Society of Urogenital Radiology Course 2007, April 15 – April 20, in Bonita Springs, Florida.
  56. Klekars AR, Bhatt S and **Dogra V**. Multidetector CT of the Spleen: Common and Uncommon Diseases. Association of University Radiologists 55th Annual Meeting, April 24-28, 2007 at Hyatt Regency Denver at Colorado.
  57. Bhatt S, Canacci A, MacLennan G, and **Dogra V** Imaging of infrequent renal tumors with histopathologic correlation, presented as electronic exhibit at the 107th annual meeting of the American Roentgen Ray Society, May 6-11, 2007, in Orlando, Florida.
  58. Butani, D.; Bhatt, S.; MacLennan, G.; **Dogra, VS**. Imaging of uncommon adrenal lesions, Electronic exhibit at the 107th annual meeting of the American Roentgen Ray Society, May 6-11, 2007
  59. Bhatt S, Jafri ZH, Wasserman NF and **Dogra VS** Non-neoplastic intratesticular masses – Role of gray scale and color Doppler sonography, Electronic exhibit at the 107th annual meeting of the American Roentgen Ray Society, May 6-11, 2007, in Orlando, Florida.
  60. Sidhu, R.; Bhatt, S.; **Dogra, VS**. Left lower quadrant pain- a systematic approach, has been Electronic exhibit at the 107th annual meeting of the American Roentgen Ray Society, May 6-11, 2007, in Orlando, Florida.

61. Chang H; Bhatt S ; Simon R; **Dogra V**. Imaging of Castleman's Disease with Histopathologic Correlation, Electronic exhibit at the 107th annual meeting of the American Roentgen Ray Society, May 6-11, 2007, in Orlando, Florida.
62. Lee J, Bhatt S and **Dogra V**. Imaging of Epididymis. Electronic exhibit at the 107th annual meeting of the American Roentgen Ray Society, May 6-11, 2007, in Orlando, Florida.
63. Golijanin D, Silvers C, Singer E, Mevorach R, **Dogra V**, Wood R, Jay E. Reeder JE, Messing EM, Joseph J Infrared Fluorescence (NIRF) for intraoperative imaging of renal cortical tumors using Intravenous Indocyanine Green(ICG).World Congress of Endourology 2007 to be held in Cancun, Mexico, October 30- November 3, 2007
64. Li E, S Bhatt and **Dogra VS**. Diagnostic Clues to Ectopic Pregnancy. Education Exhibit, 93rd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 25-Nov 30th, 2007 in Chicago, Illinois.
65. Lee J C, MD, Bhatt S and **Dogra V S**. Imaging of the Epididymis. Education Exhibit, 93rd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 25-Nov 30th, 2007 in Chicago, Illinois.
66. Bhatt S and **Dogra V S**. Role of Sonography in Testicular Trauma. Education Exhibit, 93rd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 25-Nov 30th, 2007 in Chicago, Illinois.
67. Chang H, Bhatt S, Klekers A, Simon R and **Dogra V S**. Cystic Lesions of Spleen. Education Exhibit, 93rd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 25-Nov 30th, 2007 in Chicago, Illinois.
68. Turgut A T, Akhan O, Bhatt S and **Dogra V S**. Multisystem Evaluation of Hydatid Disease. Education Exhibit, 93rd Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 25-Nov 30th, 2007. Chicago, Illinois.
69. McComsey GA, O'Riordan M, Hazen S, Storer N, Bhatt S, and **Dogra V** : Inflammatory Markers Correlate with Carotid Intima-Media Thickness (IMT) and Endothelial Activation in HIV-infected Patients. *15<sup>th</sup> Conference on Retroviruses and opportunistic infections, Boston (CROI 2008)*
70. Turgut AT, Akhan, Okan, Bhatt S, **Dogra VS**. Sonographic Spectrum of Hydatid Disease. American Institute of Ultrasound in Medicine (AIUM) 2008 AIUM Annual Convention, March 12-15, 2008.
71. Bhatt S, Klekers AR, Simon R, **Dogra V**. Sonographic Spectrum of Splenic Lesions. The American Institute of Ultrasound in Medicine (AIUM)2008 AIUM Annual Convention, March 12-15, 2008.

72. Bhatt S and **Dogra VS**. “Imaging of Renal Vascular Anomalies“, presentation at the 2008 Abdominal Radiology Course, February 17 – February 22, in Rancho Mirage, California.
73. Bhatt S, MacClennan G and **Dogra VS**. Pheochromocytoma: Spectrum of radiological and pathological findings from adrenal to extraadrenal and from benign to malignant, an electronic exhibit at the 108th annual meeting of the American Roentgen Ray Society, 2008.
74. Bhatt S, Turgut AT and **Dogra VS**. Multisystem evaluation of Hydatid Disease. An electronic exhibit at the 108th annual meeting of the American Roentgen Ray Society, 2008.
75. Madoff S, Bhatt S and **Dogra VS**. Multimodality Imaging of masses with central scar. An electronic exhibit at the 108th annual meeting of the American Roentgen Ray Society, 2008.
76. S. McCabe, S. Bhatt and **Dogra VS**. Parathyroid Imaging Pearls and Pitfalls. Education Exhibit, 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
77. Sidhu R, Marshall J, Cardin A, Bhatt S, **Dogra VS**. Radiological Imaging of Urinary Diversions. Education Exhibit, 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
78. Sidhu R, S. Bhatt S and **Dogra VS**. Magnetic Resonance Imaging of Non-Ovarian cystic lesions in the Female Pelvis. Education Exhibit, 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
79. S. Bhatt, Marshall J, **Dogra VS**. Pseudotumors of GU tract. Education Exhibit, 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
80. Caesar S ; Bhatt S; Paltiel H, **Dogra VS**. Spectral Doppler evaluation of the Testes: Pearls & Pitfalls. Education Exhibit, 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
81. Bhatt S and **Dogra VS**. Striated appearance of the testes: What does it mean? Education Exhibit, 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
82. Ginat DT, Bhatt S, Singh MJ and **Dogra VS**. CT Features of the Thoracic and Abdominal Aorta Following Surgery. Education Exhibit, 94<sup>th</sup> Scientific Assembly and Annual

- Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
83. Klekers AR, Bhatt S, Sidhu R and **Dogra VS**. CT Nephrogram: Normal and Abnormal patterns. Education Exhibit, 94<sup>th</sup> Scientific Assembly and Annual Meeting of the *Radiological Society of North America*, November 30-December 5, 2008, in Chicago, Illinois.
  84. Wood J, Bhatt S and **Dogra VS**. Cystic Renal Cell Carcinoma: A Radiographic, Pathological, and Clinical Survey of 23 Tumors. *Society of Uroradiology*, abdominal radiology course March 15 – 20, in Maui 2009
  85. Bhatt S and **Dogra VS**. Pseudotumors of Genitourinary Tract. Poster exhibit *Society of Uroradiology*, abdominal radiology course March 15 – 20, in Maui 2009
  86. Ginat DT , Bhatt S, Singh M and **Dogra VS**. Imaging Features of Cardiac Assist Devices, Electronic exhibit at the 109<sup>th</sup> annual meeting of the *American Roentgen Ray Society*, to be held April 26 – May 1, 2009
  87. Sidhu R, Bhatt S and **Dogra VS**. CT appearance of Juxtacaval fat mimicing as IVC lipoma. , Electronic exhibit at the 109<sup>th</sup> annual meeting of the *American Roentgen Ray Society*, 2009 Boston, MA.
  88. Huang B, Bhatt S, **Dogra VS**. Sonography of unusual benign scrotal lesions. Electronic exhibit at the 109<sup>th</sup> annual meeting of the *American Roentgen Ray Society*, 2009 Boston, MA.
  89. S Majewski ; S Bhatt; R Sidhu; **Dogra VS**. MRI Evaluation of the Ovaries. Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.
  90. S Majewski ; S Bhatt; R Sidhu; **Dogra VS**. Multimodality Evaluation of the Uterus Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.
  91. D T Ginat, S Bhatt ; **Dogra VS**. Imaging Features of Ventricular Assist Devices. Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.
  92. D T Ginat, S Bhatt; **Dogra VS**. Spectrum of Carotid Ultrasound Spectral Analysis. Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.

93. D T Ginat, S Bhatt; **Dogra VS**. Inflammatory Pseudotumors: Radiologic-Pathologic Correlation. Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.
94. R Sidhu ; S Bhatt ; **Dogra VS**. Left Lower Quadrant Pain: A Systemic Approach Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.
95. R Sidhu ; S Bhatt ;**Dogra VS**. CT Spectrum of Abdominal Hernias: Normal Appearances and Their Complications. Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.
96. S Bhatt; R Sidhu ; **Dogra VS**. Pheochromocytoma: Spectrum of Radiological and Pathological Findings from Adrenal to Extra Adrenal and from Benign to Malignant. Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.
97. D T Kawakyu-O'connor ; S Bhatt ; **Dogra VS**. Imaging of Liver Lesions and Pathology in Pregnancy: Findings, Pathophysiology, and Clinical Outcomes. Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.
98. C Hubeny; S Bhatt ; P J Fultz ; **Dogra VS**. Imaging of Common and Not So Common Genitourinary Devices and Synthetic Implants. Accepted for presentation in the scientific program for the **RSNA 95th Scientific Assembly** and Annual Meeting, November 29-December 4, 2009.

#### **INVITED SPEAKER AND GRAND ROUNDS:**

- 1993:** Grand Round-Venous Doppler Study of Leg in Pregnant Woman-Washington University School of Medicine, Department of Obstetrics and Gynecology, Regional Medical Center, 5535 Delmar Blvd. St.Louis, Missouri.
- 1994:** On Asian Cultural Heritage with regard to pain and suffering and its role in healing, sponsored by the Pastoral Care Advisory Council of St.Vincent's Medical Center. A major teaching affiliate of The Yale University School of Medicine and New York Medical College, Bridgeport, Connecticut.

- 1995:** Emerging drug resistance of Candida species and their management. Sponsored by Pfizer Company at St.Vincent's Medical Center. A major teaching affiliate of The Yale University School of Medicine and New York Medical College, Bridgeport, Connecticut.
- 1996:** Grand Round- Scrotal Sonography, acute and non-acute entities. The State University of New York, Department of Radiology, School of Medicine and Biomedical Sciences, Erie County Medical Center, Buffalo, New York.
- 2000:** Grand Round- Spiral Computed Tomography and its applications, Wellsville Community Hospital, New York, Sponsored by Continuing Medical Education Department at University of Rochester Medical Center, New York.
- 2000:** Grand Round- Scrotal Sonography, Department of Urology, University of Rochester Medical Center, Rochester New York.
- 2000:** Grand Round: Sonography of Acute Scrotum, Department of Radiology, University of Rochester Medical Center, New York.
- 2001:** Grand Round: Sonography of Benign Intratesticular Lesions. Department of Radiology, University Hospitals of Cleveland, Case Western Reserve University, Cleveland Ohio.
- 2001:** Grand Round: Sonography of Benign Adnexal Lesions, Department of Radiology, University of Rochester Medical Center, New York.
- 2001:** Grand Round: Acute Testicular Lesions. Department of Radiology, University Hospitals of Cleveland, Case Western Reserve University, Cleveland Ohio.
- 2001:** Continuous Medical Education- Invited by the Aultman Hospital Canton OH, to speak on "Acute Scrotum" for the CME course, June 2001.
- 2001:** Invited speaker by North East Ohio Ultrasound Society, 19th Nov 2001  
-Sonographic Evaluation of Benign Adnexal Masses.  
-Case discussion- Unknown cases.
- 2002:** Visiting professor- State University of New York Buffalo campus-3-28-2002  
-Sonographic Evaluation of Benign Intratesticular Lesions.
- 2002:** Visiting professor- University of Rochester medical center, 4-8-2002.  
-Unknown cases and board review.
- 2003:** Visiting professor- University of Rochester medical center, 3<sup>rd</sup> March  
"Imaging of Adrenal Glands- CT or MR?"  
"Adnexal Lesions – What is Benign?"

- 2003** Invited speaker by North East Ohio Ultrasound Society, 22<sup>nd</sup> FEB to participate in OB seminar.  
“Ectopic Pregnancy and other Adnexal Masses”  
“Obstetrics Ultrasound, What and Why”
- 2003** Visiting Professor- University of Texas- San Antonio, 14<sup>th</sup> of March  
“Obstetrics Ultrasound, AIUM Guidelines”  
“Unknown case- GU radiology”
- 2003** Grand round lecture at Case Western Reserve University, Department of Radiology ‘Renal Tumor Evaluation” (6<sup>th</sup> Nov 2003).
- 2003** Visiting professor- University of Rochester medical center, 21<sup>st</sup> Nov.  
“Unknown case- GU radiology”
- 2004** Rubens DJ, Dogra V. Doppler Ultrasound of the Acute Scrotum. 28<sup>th</sup> Annual Big Sky Radiology Conference. February 1-4, 2004, Big Sky, Montana.
- 2004** Invited Grand round lecture at Case Western Reserve University, Department of Nephrology- “Ultrasound evaluation of Renal Transplant” (6<sup>th</sup> Feb 2004)
- 2004** Invited speaker for “University Hospitals Health System GRAND ROUNDS” September 29<sup>th</sup>, 2004- Advances in Adrenal Imaging: Selection of Appropriate Modality.
- 2004** Visiting Professor- University of Washington Seattle, 13<sup>th</sup> of Sept 2004- Acute Painful Scrotum.
- 2004.** Visiting Professor- MD Anderson Center, Houston Texas, 24<sup>th</sup> of Sept 2004 Sonography of Acute Painful Scrotum.
- 2004** Visiting professor- University of Rochester medical center, 7<sup>th</sup> and 8<sup>th</sup> of Oct.  
“ Doppler of Uterine abnormalities”  
“Doppler of Adnexal masses” and “HIFU- Hemostasis”
- 2004** Invited speaker by North East Ohio Ultrasound Society, 11<sup>th</sup> Oct 2004. “Role of Doppler Ultrasound in Uterine Abnormalities.”
- 2004** Visiting Professor- Ohio State University, Columbus, Ohio- 8<sup>th</sup> Dec 2004.  
“Doppler of Uterine abnormalities”
- 2004** Visiting Professor- Henry Ford Hospital, Detroit Michigan, 15<sup>th</sup> of Dec 2004.  
“AIUM Guidelines for OB scanning”  
“Interesting Cases in Ultrasound”

- 2005** Visiting Professor- Department of Internal Medicine, Case Western Reserve University. Grand Rounds on “Imaging of Kidney”
- 2005** Invited speaker by North East Ohio Ultrasound Society, 2nd April 2005. “Sonohysterography- How to do it”.
- 2005** Invited speaker by North East Ohio Ultrasound Society, 2nd April 2005. “Sonography in Infertility and Erectile Dysfunction”
- 2005** Visiting Professor – Department of Radiology, State University of NY, Buffalo. Combined Grand round Radiology and Urology 13<sup>th</sup> May 2005.
- 2006** Visiting Professor- Department of radiology, University of Missouri Kansas City. February 28<sup>th</sup>. “Imaging of Adrenal Gland”.
- 2006** Invited speaker by North East Ohio Ultrasound Society, 13<sup>th</sup> of March. “Doppler evaluation of uterine pathologies and Unknown cases”
- 2006** Visiting Professor- Department of Radiology University hospitals of Cleveland, Case Western Reserve University. Resident Board review ( 7<sup>th</sup> of May )
- 2006** Invited speaker by the department of Urology, University of Rochester School of Medicine to speak on “ State of the art in Adrenal Gland Imaging” May 10<sup>th</sup>.
- 2006** Visiting Professor – Department of Radiology, State University of NY, Buffalo. Grand round Radiology 15<sup>th</sup> of May .
- 2006** Visiting Professor -Columbia Presbyterian Hospital, Department of Radiology, New York, New York, October 4. “Non-neoplastic lesions of the testis.”
- 2007** Visiting professor- Children hospital Boston, Harvard school of Medicine. Sonoelastography of testicular masses and Doppler evaluation of Uterine abnormalities.
- 2008** Visiting professor - Memorial Sloan-Kettering Cancer Center NY.
- 2008** Visiting professor- **GEORGE WASHINGTON UNIVERSITY**, Washington DC. Board review preparation.

#### **INVITED SPEAKER AND OTHER ASSIGNMENTS (INTERNATIONAL)**

- 2001:** Indo-US Imaging Update Hyderabad, India December 22<sup>nd</sup> & 23<sup>rd</sup>, 2001  
Sponsored by **Medical Council of India**.  
-“Benign Testicular Masses”  
- “Benign Adnexal Masses”
- 2001:** Indo-US Imaging Update 2001, Pune, India December 25<sup>th</sup> & 26<sup>th</sup> 2001

Sponsored by **Medical Council of India.**  
-“Acute Scrotum-Sonographic Evaluation”  
“USG-Benign Adnexal Masses”

- 2002:** Indo-US cross-sectional imaging, Hyderabad, India December/January 2002-03. Sponsored by **Indian medical council and Association of American Radiologists of Indian origin (AARI)** -Co-Chair of the organizing committee
- 2003** Confluence 2003, Sponsored by **Indian medical council and Association of American Radiologists of Indian origin (AARI) and Magnum diagnostic center Bombay- India, 10-13<sup>th</sup> Jan 2003.**  
“MR Imaging of Renal Tumors “  
“Imaging of Adrenal Glands- CT or MR?”  
“Adnexal Lesions – What is Benign?”
- 2003 USCON XII- Kolkata- India, 6-8<sup>th</sup> Feb**  
“ Benign Intratesticular Cystic Lesions- Sonographic Evaluation”  
“High Frequency Transducer Testicular and Epididymal Anatomy”  
“Sonographic Evaluation of Testicular torsion and Epididymo-orchitis.
- 2004** Invited speaker at the **57th Annual Congress of Indian Radiology & Imaging Association (IRIA)** High tech city, Hyderabad India, 8th to 11th January 2004.  
“New Developments in Ultrasound”
- 2005** Invited speaker at the **58th Annual Congress of Indian Radiology & Imaging Association (IRIA)** AGRA India, 22-25th January 2005. “Imaging of Endometriosis”
- 2006** Rajiv Gandhi Cancer Institute and Research Center, Delhi, India, 3<sup>rd</sup> January  
“Imaging of Adrenal gland” MR and CT.”
- 2006** Invited speaker at the **59th Annual Congress of Indian Radiology & Imaging Association (IRIA)** Chennai, India, 5-8<sup>th</sup> January 2006.” Doppler Evaluation of Adnexae” and “Doppler Evaluation of Uterine Abnormalities”.
- 2006** Invited by the JIPMER (Jawahar Lal Institute of Postgraduate Medical Education and Research) Scientific Society, Pondicherry, India to speak on “Imaging of Uterine abnormalities” 9<sup>th</sup> of January.
- 2006** Invited as guest speaker by the **Chinese minimally invasive and therapy society**, china to speak on Applications of HIFU 9<sup>th</sup> April 2006
- 2006** Invited by the **Nanjing Medical University** (China) Department of Radiology to speak on “Adrenal Imaging- CT or MR”. 13<sup>th</sup> of April.

- 2006 Invited by the 13<sup>th</sup> European symposium on Urogenital Radiology (**European Society of Uroradiology**) as a chairperson for the members day scientific session, 8-11<sup>th</sup> Sept Cairo, Egypt.
- 2007 Invited speaker at the **60th Annual Congress of Indian Radiology & Imaging Association (IRIA)** Mumbai, India, 4-7<sup>th</sup> January 2007.” Urologic Emergencies”.
- 2007 Invited speaker by Medical Ultrasound Society of **Singapore (MUSS)**, Aug 3-4th.
- 2007 Invited by **Singapore National Cancer center** to speak on Renal Pseudotumors; Aug 7<sup>th</sup>.
- 2007 **Invited by RSNA-** International Visiting Professor to Uganda.
- 2007 Invited to **Mumbai Ultrasound Conference-** India, Sept 27-30.
- 2007 Invited by **Tata Memorial Mumbai-** Imaging of infrequent renal tumors”
- 2007 Invited by the **4<sup>th</sup> Pan African Congress of Radiology and Imaging**, Kampla- Uganda.
- 2007 Invited by the **Turkish Radiological Society** to speak:*Traps and pitfalls in scrotal imaging, CT and MRI of adrenal tumors, & Imaging of frequent and infrequent renal tumors.*
- 2007 Invited by Ankara chapter of **Turkish radiology Society**, Turkey. “ Multislice CT of Kidney”
- 2007 Invited by **University of Firat at Elazig- Turkey** “ Imaging of Renal Pseudotumors
- 2008 The 25<sup>th</sup> Annual Barry B Goldberg lecture- **Israel Society of Ultrasound.**
- 2008 Invited to moderate the scientific session by the **European Urogenital Radiology society (ESUR)** for the 15th European Symposium to be held in Munich, Germany, September 11th-14th, 2008.
- 2008 Invited by the **Hospital Clinico Pontificia Universidad Catolica de Chile** Marcoleta 367 - Santiago ,Chile.
- 2009 Invited by the Indian Radiology & Imaging Association for “ **Diwan Chand Aggarwal Oration**” during the 62nd IRIA meeting in Patna, India.
- 2009 Invited by the Resident Education Foundation (REF) Mumbai (India) to speak on Renal Pseudotumors.
- 2009 Invited by 2<sup>nd</sup> **Pan Arab Radiology Congress** Alexandria, Egypt.
- 2009 Invited by the **5<sup>th</sup> Pan African Congress of Radiology and Imaging**, Nigeria.
- 2009 Invited to speak on “New frontiers in US imaging”, at the **16th ESUR (European Society of Uroradiology)** Symposium on Uro-genital Radiology Athens, 10<sup>th</sup> – 13<sup>th</sup> September

- 2009. Invited by the *Syrian Society of Radiology* to speak at their annual convention Aug, 2009
- 2009 Invited by the *British Society of Uro-radiology (BSUR)* to speak on, benign testicular masses and acute pelvic pain. Oct 2009.
- 2009 Invited by the Turkish society of Radiology to speak at annual meeting
- 2010. Invited speaker by the **Médicos de El Salvador - Médicos, Hospitales, Clínicas, Salud**.

**INVITED SPEAKER AND OTHER ASSIGNMENTS TO MAJOR NATIONAL RADIOLOGY MEETINGS**

- 2002:** Invited by the **Radiological Society of North America (RSNA)** to present a refresher Course, Dec 6<sup>th</sup>, 2002 entitled “ Sonography of the painful Scrotum: An Update with special emphasis on Doppler Diagnosis”.
- 2002:** Invited by the **Radiological Society of North America (RSNA)** to Moderate (Presiding officer) the Scientific paper presentation session on “Multimodality Imaging of Kidney on 3<sup>rd</sup> Dec 2002, Chicago.
- 2002:** Invited as a Presiding Officer for the Scientific Session- Genitourinary (Multimodal Imaging of the Kidneys) at the annual meeting of the **Radiological Society of North America-** Dec3rd. 2002.
- 2003:** Invited by the **Society of Uroradiology and Society of Gastrointestinal radiologists** to present Sonography of the painful scrotum: An update- Feb 18<sup>th</sup>, Cancun Mexico.
- 2003:** Invited by the **American Institute of Ultrasound in Medicine (AIUM) World Federation for Ultrasound in Medicine and Biology (WFUMB)** Congress to discuss the role of sonography in infertility- June 1-4, 2003 at Montreal, Canada.
- 2003** Invited by the **Radiological Society of North America (RSNA)** to present a Refresher Course, 30<sup>th</sup> Nov-5<sup>th</sup> Dec, 2003 entitled “ Sonography of the painful Scrotum: An Update with special emphasis on Doppler Diagnosis”.
- 2003** Invited as a Presiding Officer for the Scientific Poster Session- Genitourinary Radiology Genitourinary (**MR kidney and lower tract**). at the annual meeting of the 89<sup>th</sup> Scientific Assembly and Annual meeting of **Radiological Society of North America-** Dec2nd. 2003.
- 2003** Invited to present “Painful scrotum and How Doppler helps you” at the 8<sup>th</sup> Annual Ultrasound Imaging 2003, Oct 13<sup>th</sup>-15<sup>th</sup>, Las Vegas. Sponsored by the Case Western Reserve University and UH hospitals of Cleveland.
- 2004** Invited by the **Society of Uroradiology and Society of Gastrointestinal radiologists** to present “Benign Intratesticular Cystic Lesions: Sonographic

- Evaluation". An update (Abdominal Radiology Course)- March 9<sup>th</sup>, Scottsdale, Arizona.
- 2004** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to speak at **"Doppler Imaging 2004: From Basic Applications to New Frontiers"** regional course At Le Centre Sheraton, Montréal, Canada. October 16-17, 2004
- 2004** Invited by the **Radiological Society of North America (RSNA)** to present a Refresher Course, 28<sup>th</sup> Nov-3<sup>rd</sup> Dec, 2004 entitled " Sonography of the painful Scrotum: An Update with special emphasis on Doppler Diagnosis".
- 2004** Invited as a **Moderator for the Scientific Paper Session for "Sonography of Genitourinary system"**- at the annual meeting of the 90<sup>th</sup> Scientific Assembly and Annual meeting of **Radiological Society of North America**- Nov 28<sup>th</sup>, 2004.
- 2005** Invited by the **Society of Uroradiology and Society of Gastrointestinal radiologists** to present "Doppler Assessment of the Adnexae" at the Hyatt Regency Hill Country Resort in San Antonio, Texas Feb 28<sup>th</sup>, 2005.
- 2005** Invited by the Association of Program Directors in Radiology as a Judge to assess the Scientific and Educational Exhibits for the AUR trainee awards, May 4<sup>th</sup>-May7<sup>th</sup> 2005 Montreal.
- 2005** Invited by the **American Roentgen Ray Society (ARRS)** to speak on "Acute painful Scrotum- Ultrasound Evaluation" on the 150<sup>th</sup> annual convention at New Orleans 15-20 May, 2005
- 2005** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to speak on "HIFU THERAPY" 2005 - Orlando, Florida, June 19-22
- 2005** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to speak on "Imaging of Parathyroid " 2005 - Orlando, Florida, June 19-22.
- 2005** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to Moderate a scientific session on "Interventional-Ultrasound " 2005 - Orlando, Florida, June 19-22.
- 2005** Invited as a **panelist** by **American Institute of Ultrasound in Medicine (AIUM)** for the *Interactive History Plenary Session* at 50th Anniversary Celebration at the 2005 AIUM Annual Convention, Sunday, June 19, 2005 at the Walt Disney World Swan and Dolphin Hotel in Orlando, Florida.

- 2005** Invited by the **Radiological Society of North America (RSNA)** at 91<sup>st</sup> scientific annual meeting to Moderate (Presiding officer) the Scientific paper presentation session on “Prostate Sonographic Imaging on 28thrd Nov 2005, Chicago.
- 2005** Invited by the **Radiological Society of North America (RSNA)** at 91<sup>st</sup> scientific annual meeting as a Presiding officer the scientific paper presentation session on Ultrasound (Vascular Contrast) on 29<sup>th</sup> of Nov 2005, Chicago.
- 2006** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to speak at 51st annual convention in Washington DC “Painful Scrotum”, March 23<sup>rd</sup> to 26<sup>th</sup>, 2006
- 2006** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to review scientific abstracts for 51st annual convention in Washington DC, March 23<sup>rd</sup>-26<sup>th</sup>, 2006
- 2006** Invited by the **Society of Uroradiology** and **Society of Gastrointestinal radiologists** to present “Sonography of Ectopic Pregnancy” at the Hyatt Regency Kauai, Hawaii, 3<sup>rd</sup> march 2006.
- 2006** Invited by the **Society of Uroradiology** and **Society of Gastrointestinal radiologists** to present “Color Doppler Evaluation of Testicular Torsion and its pitfalls” at the Hyatt Regency Kauai, Hawaii, 3<sup>rd</sup> march 2006.
- 2006** Invited by the **American Roentgen Ray Society (ARRS)** to speak on “Acute painful Scrotum- Ultrasound Evaluation” on the 151st annual convention at Vancouver, B.C., April 30 – May 5, 2006.
- 2006** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to speak at 51st annual convention in Washington DC “Interventional Ultrasound: An update- “Non-Invasive Therapy of Myomas”, March 23<sup>rd</sup> to 26<sup>th</sup>, 2006.
- 2006** Invited by the **American Roentgen Ray Society (ARRS)** to moderate *Education-Efficacy-Administration paper session* on the 151st annual convention at Vancouver, B.C., and April 30 – May 5, 2006.
- 2006** Invited by the **American Roentgen Ray Society (ARRS)** to moderate *scientific paper session* on GU- Radiology, at the 151st annual convention at Vancouver, B.C., and April 30 – May 5, 2006.
- 2006** Invited by the **Society of Radiologists in Ultrasound (SRU)** 16th Anniversary Annual Meeting and Postgraduate Course to speak on “Sonography of Parathyroid and neck masses”. San Francisco, Oct 20-22nd
- 2006** Invited by the **Radiological Society of North America (RSNA)** at 92<sup>nd</sup> scientific annual meeting to present GU categorical course-“acute scrotal pain-

imaging evaluation for a more specific Diagnosis” Nov 26<sup>th</sup> to Dec1 2006, Chicago.

- 2006** Invited by the **Radiological Society of North America (RSNA)** at 92<sup>nd</sup> scientific annual meeting to present Venous Doppler Sonography: Visceral and Extremity Applications (Hands-on Workshop), Nov 26<sup>th</sup> to Dec1 2006, Chicago.
- 2006** Invited by the **Radiological Society of North America (RSNA)** at 92<sup>nd</sup> scientific annual meeting to moderate a scientific paper session on “Prostate US” held on Tuesday, Nov 28, 2006 between 3 - 4 PM.
- 2007** Invited by the **Society of Uroradiology** to organize Abdominal Radiology Course Film Panel for 2007 **in conjunction with the European Society of Urogenital Radiology and The Society of Gastrointestinal Radiologists**, April 15-20, 2007, Florida.
- 2007** Invited by the **Society of Uroradiology** and **European Society of Urogenital Radiology**, to present a workshop on “ Sonographic Evaluation of Benign Intrascrotal Lesions” April 15-20, 2007, Florida.
- 2007** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to speak on “ Imaging of Parathyroid Glands” at annual convention, NY
- 2007** Invited by **American Institute of Ultrasound in Medicine (AIUM)** as faculty on “hands on workshop” at annual convention, NY
- 2007** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to moderate the Interventional Hands-on session at 52<sup>nd</sup> annual convention, New York.
- 2007** Invited by **American Institute of Ultrasound in Medicine (AIUM)** as a reviewer for Endowment for Education and Research under the topic of Clinical Non-OB/Gyn Ultrasound Research.
- 2007** Invited by the **American Roentgen Ray Society (ARRS)** to moderate scientific paper session on GU- Radiology, at the 152<sup>nd</sup> annual convention at Orlando.
- 2007** Invited by **American Institute of Ultrasound in Medicine (AIUM)** to moderate the Interventional and Intraoperative Sonography(In memory of Jeanne Cullinan) scientific session, 18<sup>th</sup> of March at 52<sup>nd</sup> annual convention, New York.
- 2008** Invited by **American Institute of Ultrasound in Medicine (AIUM)**, to Co-Chair Categorical courses.
- 2008.** Invited by **American Institute of Ultrasound in Medicine (AIUM)**, to Chair “Genitourinary Ultrasound: Kidneys and Scrotum”

- 2008.** Invited by **American Institute of Ultrasound in Medicine (AIUM)**, to Chair Categorical Ultrasound Guided Biopsies and Intervention: A Hands-on Course.
- 2008.** Invited by **American Institute of Ultrasound in Medicine (AIUM)**, to speak on “ Ultrasound of the Scrotum”
- 2008** Invited by **Society of Uroradiology** to speak at the plenary session for the 2008 Abdominal Radiology Course on "Acute Pelvic Pain in the Female," Feb 17-22.
- 2008** Invited by **Society of Uroradiology** to present a workshop on “Sonography of Testicular and Penile Trauma” for the 2008 Abdominal Radiology Course Feb 17-22 California
- 2008** **Invited to moderate** AUR Scientific session (Abdominal Imaging) at the AUR 56th Annual Meeting, March 25-29, 2008, at Sheraton Seattle Hotel, Seattle, Washington.
- 2008** Invited by the **American Roentgen Ray Society (ARRS)** to moderate *Education-Efficacy-Administration and Paps paper session* at the 153rd annual convention at Washington Dc 2008.
- 2008** Invited by the **American Roentgen Ray Society (ARRS)** to moderate *scientific paper session* on GU- Radiology, at the 153rd annual convention at Washington DC.
- 2008** Invited by the **American Roentgen Ray Society (ARRS)** as **keynote speaker in** Scientific Session Number: SS10, Genitourinary (Prostate and Male pelvis) at the 153rd annual convention at Washington DC.
- 2008** Invited by **Society of radiologists in Ultrasound** to Speak on Prostate and Scrotum at the annual meeting, Philadelphia.
- 2008** **Invited faculty** for hands on workshop on “*Upper extremity DVT and renal vascular imaging*” **Radiological Society of North America's 94th Scientific Assembly** and Annual Meeting, Chicago, Illinois, November 30 - December 05 , 2008.
- 2009** Invited to present a workshop on “Vascular Complications of Renal Transplants” at annual meeting of the *Abdominal Radiology Course*, organized by society of Uroradiology and Society of Gastrointestinal radiologists, March 15-20, 2009, in Maui, Hawaii.
- 2009** Invited to present a workshop on “MRI of Uncommon Adrenal Lesions” at annual meeting of the *Abdominal Radiology Course*, organized by society of Uroradiology and Society of Gastrointestinal radiologists, March 15-20, 2009, in Maui, Hawaii.
- 2009** Invited to speak on principles of high intensity therapeutic ultrasound (HITU) tumor ablation at the *2009 American Institute of Ultrasound in Medicine (AIUM) Annual Convention* New York Marriott Marquis Hotel in New York City.

- 2009 Invited by the *Association of University Radiologists* (AUR) 57th Annual Meeting to present A <sup>3</sup>CR <sup>2</sup> Case based Review, 2009.
- 2010 Invited by **Society of Genito-Urinary Radiology** (2010 Abdominal Radiology Course in Orlando) to conduct a workshop on Partial Testicular Torsion: Sonographic Diagnosis - Pearls and Pitfalls , Florida, February 21 – 26, 2010 at the Omni Orlando Resort at Champions Gate.
- 2010 Invited by **Society of Genito-Urinary Radiology** (2010 Abdominal Radiology Course in Orlando) to conduct a workshop on Non-neoplastic Lesions of the Prostate and Seminal Vesicles , Florida, February 21 – 26, 2010 at the Omni Orlando Resort at Champions Gate.

### **PROGRAM DIRECTOR FOR CME COURSES**

- 2003 Program Director** North East Ohio Ultrasound Society -Annual Seminar “**Emergency Ultrasound**”, Feb 2003.
- 2003 Program Director- 8th Annual Ultrasound Imaging 2003**, Oct13-15<sup>th</sup>, Las Vegas, Nevada. Sponsored by the School of Medicine Case Western Reserve University and University Hospitals of Cleveland.
- 2004 Program Director** North East Ohio Ultrasound Society -Annual Seminar “**Ultrasound Imaging in Ob/Gyn**”, Feb 2004.
- 2004 International Co-coordinator** for the Continuous Medical Education course International CME “*Recent trends in Radiology*” at Nagpur (India) Dec 11-12<sup>th</sup>, 2004. This was conducted under auspices of AARI.
- 2005 Program Director** North East Ohio Ultrasound Society -Annual Seminar “**Imaging in Infertility**”, 2<sup>nd</sup> April 2005.
- 2007 Program Chairman**-Women’s Health and Imaging in a Digital Environment. January 22 to 24, 2007 at the Weston River walk, San Antonio, TX  
([www.urmc.rochester.edu/wh2007/conf\\_desc.html](http://www.urmc.rochester.edu/wh2007/conf_desc.html))

### **NATIONAL COMMITTEE APPOINTMENTS:**

- 2002-2005** Congressionally Directed Medical Research Program (CDMRP) - peer review panelist for the grant approval.
- 2002-2005** President of North Eastern Ohio Ultrasound Society. 2003 American Institute of Ultrasound in Medicine (AIUM) World Federation for Ultrasound in Medicine and

- Biology (WFUMB) Member Selection Committee- For the Young Investigator's award
- 2003-2004** Member American Roentgen Ray Society (ARRS) Scientific Exhibits Committee.
- 2003- Present** **American Board of Radiology- Examiner** in Ultrasound and Genitourinary Categories.
- 2003- 2005.** Vice President - American Association of Radiologists of Indian Origin.
- 2003- 2006** American Institute of Ultrasound in Medicine (AIUM) - **Continuous Medical Education (CME)** committee member
- 2004- Present** American College of Radiology- "In-service Examination question" Committee.
- 2004-2005** Chair, Industry Liaison Committee, American Association of Physicians of Indian Origin (AAPI)
- 2004-2005** Member Continuous Medical Education Committee-American Association of Physicians of Indian Origin (AAPI)
- 2004-2006** American Institute of Ultrasound in Medicine (AIUM). Clinical Standards Committee Member and Ultrasound practice accreditation Council Representative.
- 2004-2007** American Institute of Ultrasound in Medicine (AIUM) - Intervention-Intraoperative Ultrasound section committee Secretary.
- 2004-2007** Member American Roentgen Ray Society (ARRS) Scientific Program: Education/Efficacy/Administration subcommittee.
- 2004-2008** Member **Education Committee**. Association of Program Directors in Radiology (APDR)
- 2004-2007** Member -**CAMPEP** (Committee on Accreditation of Medical Physics Education Programs) - REPRC (Residency Education Program Review Committee)
- 2005** Member scientific exhibits awards committee (GU/Ob/Gyn) at **ARRS**, 105<sup>th</sup> annual meeting 2005, New Orleans.

- 2005-2008** Member American Roentgen Ray Society (**ARRS**) Scientific Program Subcommittee. In Genito-Urinary radiology and Obstetrics & Gynecology.
- 2005- Present** Member Society of Radiologists in Ultrasound (SRU), Communications Committee.
- 2005-2007** President - American Association of Radiologists of Indian Origin [http://www.aariusa.org/aari\\_index.php](http://www.aariusa.org/aari_index.php)
- 2006-2007** American Institute of Ultrasound in Medicine (**AIUM**) – Secretary-Abdominal section committee.
- 2006- 2010** Society of Uro-radiologists (**SUR**) – Member Residency curriculum committee.
- 2006-2009** Member **Membership Committee**. Association of Program Directors in Radiology (**APDR**)
- 2006-2007** American Institute of Ultrasound in Medicine (AIUM) - Continuous Medical Education (**CME**) committee member
- 2007** Chair GU/Ob/Gyn scientific subcommittee **ARRS**, 107<sup>th</sup> annual meeting.
- 2007-2010** American Institute of Ultrasound in Medicine (AIUM) Member-**Annual Convention Committee**.
- 2008** **Co-Chair catagorical courses** AIUM meeting in SanDiego.
- 2008** **Vice-Chair**, Communications committee, Society of radiologists in Ultrasound.
- 2008-2011** Chair education/efficacy and administration scientific subcommittee **ARRS**, 108<sup>th</sup> annual meeting Washington DC.
- 2007-2009** Member **Radiology Residency Committee (RRC)**. Association of Program Directors in Radiology (**APDR**)
- 2007- Present** Society of Uroradiology (SUR) **Curriculum Committee Member**.
- 2007-PRESENT** Expert reviewer of applications to the Ontario Research Fund - Research Excellence (ORF-RE) program.The Ministry of Research and Innovation, Ontario, Canada.
- 2007-2009** **AIUM membership committee-** member

- 2007- 2010**                    **ARRS CME evaluation** subcommittee- Abdominal, Ultrasound and GU sections, Member
- 2007-2010**                    Invited by RSNA to serve as **Member of the Genitourinary Radiology Subcommittee of the Scientific program committee, Radiological Society of North America.**
- 2008**                            **Medical advisors to *RadiologyInfo.org***  
**2009**                            **Non-OB Film Panel Chair** for the 2009 American Institute of Ultrasound in Medicine (AIUM) Annual Convention. [New York.](#)

**DEPARTMENTAL COMMITTEE APPOINTMENTS:**

- 1994-1995:**    Institutional coordinating committee for the Transitional year residency program- St. Vincent's Medical Center, Bridgeport.
- 1996-1997:**    Graduate Medical Education and Offsite/Non core Hospital Rotation member, SUNY at Buffalo.
- 2000-2001**      Radiology Residents research coordinator- Mercy Medical center and NEOUCOM.
- 2000-2001**      Education and Research Committee, Mercy Medical center, Northeastern Ohio Universities College of Medicine.
- 2001-2005**      Radiology Residency –Education Committee, University Hospitals of Cleveland, Case Western Reserve University, Cleveland.
- 2002 -2004**      Grand Rounds Planning Committee, University Hospitals of Cleveland, Case Western Reserve University, Cleveland.
- 2002-2005**      Director- Radiology Medical student clerkship program. University Hospitals of Cleveland, Case Western Reserve University, Cleveland.
- 2002-2003**      Advisory Board Member- Sanford Brown Institute, 17535 Rosbough Drive, Middleburg Heights Oh 44130.
- 2003-2005**      Medical Director- Cuyahoga Community College, Diagnostic Medical Sonography program, 11000 Pleasant valley Road, Cleveland, OH 44130.
- 2003- 2004**      IRB Committee- Case Western Reserve University, University Hospitals of Cleveland.

- 2003- 2004** Chair – Research Review Committee. Case Western Reserve University, University Hospitals of Cleveland.
- 2003- 2004** Member Appointments, tenure and promotions committee, Department of Radiology, Case Western Reserve University, University Hospitals of Cleveland.
- 2003-2004** Chair Radiology Residency Resident selection committee, Department of Radiology, Case Western Reserve University, University Hospitals of Cleveland.
- 2004- 2005** Member Quality committee, Department of Radiology, Case Western Reserve University, University Hospitals of Cleveland.
- 2004-2005** Member Research committee, Department of Radiology, Case Western Reserve University, University Hospitals of Cleveland.
- 2004-2005** Chair- Education committee, Department of Radiology, Case Western Reserve University, University Hospitals of Cleveland.
- 2004- 2005** Member Graduate Medical Education committee, University Hospitals of Cleveland.
- 2004- 2005** Steering Committee member. Case Western Reserve University, University Hospitals of Cleveland.
- 2004-2005** Member Board of Directors, University Radiologists of Cleveland Inc.
- 2005-2007** Chair, Radiology Residency Committee, University of Rochester Medical Center, Rochester, NY, Department of Imaging Sciences
- 2005-present** Associate Chair of Education and Research, University of Rochester Medical Center, Rochester, NY, Department of Imaging Sciences
- Director, Division of Ultrasound, University of Rochester Medical Center, Rochester, NY, Department of Imaging Sciences
- Executive Committee, University of Rochester Medical Center, Rochester, NY, Department of Imaging Sciences
- Education committee member.
- Clinical Research Review Committee member, University of Rochester Medical Center, Rochester, NY, Department of Imaging Sciences
- Member Peer Review Committee for clinical trials in James P.Wilmot Cancer Center, Rochester NY
- Member Cancer Committee

**2006-Present** Medical Director- Rochester Institute of Technology, Diagnostic Medical sonography program

**2008-09** Faculty Advisory Committee member. University of Rochester, NY

PRISIM Committee University of Rochester- member.

**2006-Present** Medical Director- Rochester Institute of Technology, Diagnostic Medical sonography program

### **LEADERSHIP/ EDUCATOR TRAINING**

1. **2004 AUR-Philips Academic Faculty Development Program** at the 52<sup>nd</sup> annual meeting of the association of University of Radiologists, April 23<sup>rd</sup> San Francisco, CA.
2. **Leadership Strategies for Radiology Practices** Sponsored by RSNA, July 23-25, 2004, Chicago.
3. **RSNA Faculty Development Workshop (Invited and Sponsored by RSNA)**, September 18<sup>th</sup>, 2004- The Lodge/Hamburger University- Chicago.
4. **RSNA Faculty Development Workshop (Invited and Sponsored by RSNA)**, July 28<sup>th</sup>, 2006, Oak Brook Hills Resort, Chicago.

### **MEMBERSHIPS IN NATIONAL AND INTERNATIONAL ACADEMIC AND PROFESSIONAL ORGANIZATIONS**

American College of Radiology  
American Roentgen Ray Society (ARRS)  
Radiological Society of North America (RSNA)  
American Institute of Ultrasound in Medicine (AIUM)  
Society of Uroradiology (SUR)  
Indian Radiology and Imaging Association (IRIA)  
Association of Program Directors of Radiology (APDR)  
Society of Radiologists in Ultrasound (SRU)  
Society of European Uro-Radiology (ESUR)  
European Congress of Radiology