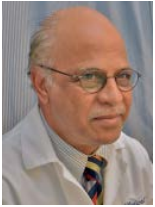


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Education and Training

Fellowship, Residencies & Internships:
Nuclear Medicine Fellowship: Bellevue, NYU, VA Hospital Centers, New York, N.Y. 1975-77
Diagnostic Radiology Residency: Bellevue, NYU, VA Hospital Centers, New York, N.Y. 1973-76
General Surgery Residency: Westchester County Medical Center, Valhalla, N.Y. 1972-73
Rotating Internship #2: Westchester County Medical Center, Valhalla, N.Y. 1971-72
Rotating Internship #1: Victoria General Hospital & Clinics, Bangalore, India 1970-71

Medical School: Bachelor of Medicine and Bachelor of Surgery (MD equivalent) 1970; Bangalore University Medical College, Bangalore, India. Graduated w/Honors 7th in class of 140.

State Licensure: New York: 123232 (Inactive) 1974; California: A 51254 (Current) 1992; Florida ME 113281 (Inactive) 2012; DEA BR 4769052 (Current) 1992; ECFMG Certificate 119 390 3 (Current) 1970.

Specialty Board Certification: American Board of Radiology (Diagnostic Radiology) 1977; American Board of Nuclear Medicine 1977.

Academic Appointments: Health Sciences Professor of Radiology Step VI UCLA (recall faculty) 1990- Present; Professor of Radiology NYU School of Medicine 1988-1990; Associate Professor of Clinical Radiology NYU 1984-1988; Assistant Professor of Radiology NYU 1977-1984.

Hospital Appointments: Staff Radiologist, Ronald Reagan UCLA Medical Center (2014-Present); Medical Director Ultrasound Section UCLA 2001- 2014; Section Chief - Ultrasound, UCLA Radiology 1992- 2014; Ultrasound Section Chief NYU Radiology 1978-1989; Staff Radiologist, Santa Monica UCLA Hospital 2002- Present;

Professional Societies: Current: SRU (emeritus); Past: LARS, ARRS, ACR, AIUM, RSNA, IFPA

Honors: Editor's Recognition Award (RADIOLOGY) 1986-87; Fellow (Society of Radiologists in Ultrasound) 1989; Honorable Mention: RSNA Scientific Exhibit 1991; Cum Laude: RSNA Scientific Exhibit 1995; Certificate of Merit: ARRS Scientific Exhibit 1997; Cum Laude: RSNA Scientific Exhibit 1997; Honorable Mention: AIUM Scientific Exhibit 2000; Certificate of Merit: RSNA Scientific Exhibit 2001; Cum Laude: RSNA Scientific Exhibit 2002; Certificate of Merit: ARRS Scientific Exhibit 2004; RUSH Award - Department of Radiology (UCLA) 2004; Top Doctor in Southern California US News & World Report 2012-2018; Southern California Super Doctors – LA Magazine, January 2013-2018.

NYU Post Graduate Course Director: Ultrasound Seminar Series # 612. Diagnostic Ultrasonography Seminar (October 12) (1984); Diagnostic Ultrasonography Seminar (October 21) 1985; Diagnostic Ultrasonography Seminar (October 27) 1986.

Refresher Course Faculty Category: Sonography: Deep Venous Thrombosis - ARRS 87th Meeting (1987); US of the Spine and Spinal Cord - AIUM 35th Meeting (1991).

UCLA School of Medicine: Medical Student Teaching Activities: Lecturer, Course RA 011 Radiology Electives (1991- 2014); Tutor, CABS Course 110-424 (1996 -1998); Tutor, Foundations Program – Med Students (1st year) (1997 -1998) Lecturer, Course RA250-01 - Ultrasound Elective (1991 -1999); Lecturer, Women's and Children's Health Orientation (2000 -2006); Tutor, Problem Based Learning (PBL) (2004 -2008)

UCLA School of Medicine: Committee Service: Academic Senate (UCLA) Member (1992 – 1999); Ad hoc Chair - Promotions Committee UCLA – CAP (1992 – 1994); Member - Medical Student Admissions Committee (1998 – 2006); Peer Review Committee Ronald Reagan Hospital (2009 – 2014)

Manuscript Reviewer: J Clinical Ultrasound (1983 – 2014); RADIOLOGY (1985 – 2014); JAMA (1985 – 2005); J Clin Endocrin & Metab (1995 – 2014); Ultrasound Obstet & Gynecol (1995 – 2014); J Gynecol Techniques (1995 – 2014); Fertility Sterility (1997 – 2014); Intl J Gynecol Cancer (2002 – 2014)

Abstract Reviewer: RSNA Annual Meetings (1987-2003); AIUM Annual Meetings (1996 -2002)

Editorial Board: Urologic Radiology (1983-1987); Fertility & Sterility (1998-2000); JESS (2013-Present)

Professional Society Service: AMA RBRVS Review Committee Member 1987; ACR Standard for US Examinations 1995-1997; ACR Ultrasound Accreditation Program Reviewer 1997; ACR RUC Saline Hysterosonography Work RVU 1999; ACR CPI Ultrasonography Test Pilot # 26, 2003; ACR RUC Doppler Fetal Middle Cerebral Artery 2004; AIUM Member, Constitution Committee, AIUM 1993-1995; ABR Oral Board: Examiner – American Board of Radiology, Louisville 1996; ARDMS Oral Board: Examiner - New York, N.Y. 1978; NIH Study Section (NHLB) (Review: deep venous thrombosis and PE) 1987-1988.

PhD Thesis Examiner: 1992; Candidate: Mr. Mario Basic (Physics Program). Thesis Title: Tissue Characterization of Atherosclerotic Lesions and Thrombi Using Intravascular Ultrasound Digital Techniques

Public Service: Consultant, California Department of Health (Genetics Branch) 1992 – Present; Consultant, Venice Family Clinic 1992 – Present; Consultant - Olive View UCLA Medical Center, Sylmar, CA 1992 – 2008.

Publications (Peer-Reviewed)

Professional name changed (for simplicity sake):
Name used before 1990: B. Nagesh Raghavendra, M.D.
Name used after 1990: Nagesh Ragavendra, M.D.

*Resident in training

1. *Raghavendra BN, Genieser NB: Bone changes in intrahepatic biliary atresia. (Case report) Brit J Radiol 1976; 49:179.
2. *Raghavendra BN, Braunstein P: Acute osteomyelitis presenting as a photon deficient area on bone scan. (Case report) Clin Nucl Med 1977; 2:134.
3. Bardfeld PA, Passalaqua AM, Braunstein P, *Raghavendra BN, Leeds NE, Kricheff II: A comparison of radionuclide scanning and computed tomography in metastatic lesions of the brain. (Original research) J CAT 1977; 1:315-321,
4. *Raghavendra BN, McCauley DI, Passalaqua AM, Braunstein P: Bone scanning in metastatic calcification to the lungs. (Original research) Clin Nucl Med 1977; 2:272-275.
5. Ambos MA, Bosniak MA, Megibow AJ, Raghavendra BN: Ureteral involvement by metastatic disease. (Original research) Urol Radiol 1979; 1:105-8.
6. Raghavendra BN, Redmond PE: Ultrasonography in the false normal oral cholecystogram. (Case report) Amer J Gastroenterol 1980; 73; 146-147.
7. Raghavendra BN: Ultrasonographic features of primary carcinoma of the gallbladder. (Original research) Gastroint Radiol 1980; 5:239-244.
8. Raghavendra BN, Epstein FJ, Subramanyam BR, *Becker M: Ultrasonographic evaluation of intraperitoneal CSF pseudocyst. (Original research) Child’s Brain 1981; 8:39-43.
9. Raghavendra BN, *Glickstein MG: Sonography of islet cell tumor of the pancreas. J Clin Ultrasound 1981; 9:331-333.
10. Subramanyam BR, Raghavendra BN, Lafleur R: Sonography of inverted right hemidiaphragm. (Original research) AJR 1981; 136:1004-1006.
11. Raghavendra BN, Feiner HD, Subramanyam BR: Acute cholecystitis: sonographic- pathologic-correlation. (Original research) AJR 1981; 137:327-332.
12. *Toder SP, Raghavendra BN, Blum M, and McCauley DI: Diagnosis of intrathoracic goiter by ultrasound. (Case report) NY State J Med 1982; 82:230-231.
13. Subramanyam BR, Balthazar,EJ, Raghavendra BN, Madamba MR:Sonographic features of exophytic gastrointestinal leiomyosarcoma. (Original research) Gastroint Radiol 1982; 7:47-51.
14. Subramanyam BR, Raghavendra BN, Madamba MR: Renal transitional cell carcinoma. (Original research) J Clin Ultrasound 1982; 10:203-210.
15. Subramanyam BR, Megibow AJ, Raghavendra BN, Bosniak MA: Diffuse XGP: analysis by computed tomography and sonography. (Original research) Urol Radiol 1982; 4:58.
16. Subramanyam BR, Balthazar EJ, Raghavendra BN, Horii SC: Sonographic diagnosis of scrotal hernia. (Original research) AJR 1982; 139:535-8.
17. Raghavendra BN, Grieco AJ, Balthazar EJ, Megibow AJ: Diagnostic utility of sonography and CT in spontaneous mesenteric hematoma. (Case report) Amer J Gastroenterol 1982; 77:573.
18. *Braun I, Raghavendra BN, Kricheff II: Spinal cord imaging using real-time high-resolution ultrasound. (Original research) Radiology 1983; 147:459-465.
19. Subramanyam BR, Balthazar EJ, Madamba M, Raghavendra BN, Horii SC, Lafleur R: Sonography of portosystemic venous collateral in portal hypertension. (Original research) Radiology 1983; 146:161-166.
20. Raghavendra BN, Subramanyam BR, Balthazar EJ, Horii SC, Hilton S, Megibow AJ: Sonography of adenomyomatosis of the gallbladder: radiologic pathologic correlation. (Original research) Radiology 1983; 146:747.
21. Subramanyam BR, Balthazar EJ, Raghavendra BN, Horii SC, Hilton S, Nadich DP: Ultrasound analysis of solid appearing abscesses. (Original research) Radiology 1983; 146:487-491.
22. *Lustig I, Young BY, Silverman F, Raghavendra BN, Wan L, Grieco A: Fetal intraventricular hemorrhage: sonographic diagnosis and clinical implications. (Case report). J Clin Ultrasound 1983; 11:277-280.
23. Mitnick JS, Bosniak MA, *Hilton S, Raghavendra BN, Subramanyam BR, Genieser NB: Cystic disease in tuberous sclerosis. (Original research) Radiology 1983; 147:85-87.
24. Subramanyam BR, Raghavendra BN, Bosniak MA, Rosen RJ: Sonography of pyonephrosis, a prospective evaluation. (Original research) AJR 1983; 140:991-993.
25. Feiner HD, Raghavendra BN, Phelps R, Rounni L: Inflammatory abdominal aneurysms: report of 6 cases. (Original research). Human Path 1984; 15:454-459.
26. Raghavendra BN, Epstein FJ, Pinto RS, Subramanyam BR, *Greenberg L, Mitnick JS: The tethered spinal cord: diagnosis by high-resolution real-time ultrasonography. (Original research) Radiology 1983; 149:123-128.

27. Horii SC, Bosniak MA, Megibow AJ, Raghavendra BN, Subramanyam BR, Rothberg M: Correlation of CT and ultrasound in the evaluation of renal lymphomas. (Original research) *Urol Radiol* 1983; 5:69-76.
28. Subramanyam BR, Balthazar EJ, Raghavendra BN, Lafleur R: Sonographic evaluation of patients with portal hypertension. (Original research) *Amer J Gastroenterol* 1983; 78:369-373.
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31. Goldstein SR, Subramanyam BR, Raghavendra BN, Horii SC, *Hilton S: Subchorionic bleeding in threatened abortion: sonographic findings and significance. (Original research) *AJR* 1983; 141:975-978.
32. Subramanyam BR, Balthazar EJ, *Hilton S, Lafleur R, Horii SC, Raghavendra BN: Hepatocellular carcinoma with venous invasion. (Original research) *Radiology* 1984; 150:793-796.
33. Raghavendra BN, Rosen RJ, Lam S, Riles T, Horii SC: Deep venous thrombosis: detection by high resolution real-time ultrasound. (Original research) *Radiology* 1984; 152:789-793.
34. Subramanyam BR, Raghavendra BN, Balthazar EJ, Horii SC: Ultrasonic features of cholangiocarcinomas. (Original research) *J Ultrasound Med* 1984; 3:405-408.
35. Subramanyam BR, Raghavendra BN, Whalen CA, Yee J: Ultrasound features of fallopian tube carcinoma. (Original research) *J Ultrasound Med* 1984; 3:391-393.
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38. Raghavendra BN, Epstein FJ, Cooper P, Horii SC, Ransohoff JR: Operative ultrasound in the localization of intracranial masses. (Original research) *Ultraschall (Ger)* 1984; 5:255-259.
39. Epstein FJ, Raghavendra BN, John RE, Prichett L: Spinal cord astrocytomas in childhood: surgical adjuncts and pitfalls. (Research article) *Concepts Ped Neurosurg* 1985; 5:224-237.
40. Raghavendra BN, Horii SC, *Hilton S, Subramanyam BR, Rosen BJ, Lam S: Deep venous thrombosis: detection by probe compression of veins. (Original research) *J Ultrasound Med* 1986; 5:89-95.
41. Horii SC, Raghavendra BN: Transcutaneous sonography of post-operative spine. (Original research) *Neuroradiology* 1986; 28:599.
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56. *Marks F, Thomas P, Lustig I, Greco A, Raghavendra BN, Wasserman R, Young BK: In utero diagnosis of liver cell adenoma. (Case report) J Ultrasound Med 1990; 9:119-122.
57. *Spiers RT, Raghavendra BN, Rausen A, Genieser NB. Ultrasound findings of granulomatous cystitis of childhood. (Case report) Urol Radiol 1990; 12:106-108.
58. Perrella RR, Ragavendra N, Tessler FN, Boechat I, Crandall B, Grant EG. Fetal abdominal wall mass detected on prenatal sonography: Gastroschisis vs. omphalocele. (Case report) AJR 1991; 157:1065-1068.
59. Tessler FN, *Gehring BJ, Gomes AS, Perrella RR, Ragavendra N, Busuttil RW, Grant EG. Diagnosis of Portal Vein Thrombosis: Value of Color Doppler Imaging. (Original research) AJR 1991; 157:293-296.
60. Ragavendra N, McMahon JT, Perrella RR, Tessler FN, Hansen GC, Kimme-Smith C, Grant EG, Crandall B. Endoluminal Catheter-Assisted Transcervical Ultrasound of the Human Embryo: Work in Progress. (Original research) Radiology 1991; 181:779-783.
61. Perrella RR, McLucas B, Ragavendra N, Tessler FN, Schiller VL, Grant EG. Sonographic findings after surgical ablation of the endometrium. (Original research). AJR 1992; 159:1239-1241.
62. Perrella RR, Kimme-Smith C, Tessler FN, Ragavendra N, Grant EG. A new electronically enhanced biopsy system: Value in improving needle-tip visibility during sonographically guided interventional procedures. (Original research) AJR 1992; 158:195-19.
63. Grant EG, Schiller VL, *Millener P, Tessler FN, Perrella RR, Ragavendra N, Busuttil R. Color Doppler imaging of the hepatic vasculature. (Review article). AJR 1992; 159:943-950.
64. Perrella RR, McLucas B, Ragavendra N, Grant E, Tessler FN. Sonographic findings after surgical ablation of the endometrium. (Original research) AJR 1992; 159:1239-1241.
65. *Millener P, Grant EG, Schiller VL, Ragavendra N, Color Doppler Imaging of Budd-Chia Syndrome Correlation with Angiography, CT, and MR Imaging in 21 Patients. AJR 1992; 185: 318-318.
66. Ragavendra N, Beall MB, McMahon JT, Bitonte R, Grant EG. Transcervical sonography: An investigational technique for visualization of the embryo. (Original research). Obstet & Gynecol 1993; 81:155-1.
67. *Millener P, Grant EG, Rose S, Duerinckx A, Schiller VL, Tessler FN, Perrella RR, Ragavendra N. Color Doppler imaging findings in patients with Budd-Chiari syndrome: correlation with venographic findings. (Original research) AJR 1993; 161:307-12.
68. Ragavendra N, Chen H, Powers JE, *Nilawat C, Robert J, Carangi C, Laifer-Narin SL. Harmonic imaging of intra-ovarian arteries: An experimental study in pigs using bubble based US contrast medium. Original research. Ultrasound Obstet Gynecol 1997; 9:266-270.
69. Duerinckx AJ, Hayrapetian A, Melany M, Valentino D, *Rahbar D, Kiszonas M, Franco R, Narin SL, Ragavendra N, Grant EG. Real time video transfer using asynchronous transfer mode technology. AJR 1997; 168:1353-1355.
70. Duerinckx AJ, Hayrapetian A, Grant EG, Melany M, Valentino D, *Rahbar D, Kiszonas M, Franco R, Narin SL, Ragavendra N. Asynchronous transfer mode (ATM) technology for real time sonographic video transfer. (Original Research) Eur J Radiol 1996; 22:186.
71. LaiferNarin SL, Ragavendra N, Lu SDK, et al. Transvaginal Saline Hysterosonography: Distinguishing characteristics between malignant and various benign conditions; AJR 1997;205:1505-1505.
72. Ragavendra N, Laifer-Narin SL, Melany ML, Grant EG. Disclosure of sonographic examination results to patients by sonologists. (Original Research) AJR 1998; 170:1423-25.
73. *Manning J, Ragavendra N, Sayre J, Laifer-Narin SL, Melany M, Grant EG, Crandall BF. Significance of fetal intracardiac echogenic foci in relation to trisomy 21: a prospective study of high-risk pregnant women. (Original Research) AJR 1998; 170:1083-1084.
74. Laifer-Narin S, Ragavendra N, Lu, DS, Sayre J, Perrella RR, Grant EG, Transvaginal saline hysterosonography: characteristics distinguishing malignant and various benign conditions. (Original Research) AJR 1999; 172:1513-20.
75. Ragavendra N, Tarantal AF. Intervillous blood flow in the third trimester gravid rhesus monkey (Macaca mulatta): Use of sonographic contrast agent and harmonic imaging. (Original Research) PLACENTA 2001; 22:200-205.
76. Zimmerman P, *Chin E, Laifer-Narin S, Ragavendra N, Grant EG. Radial artery mapping for coronary artery bypass graft placement (Original Research). Radiology 2001; 220:299-302.
77. Laifer-Narin SL, Ragavendra N, *Parmenter EK, Grant EG. False normal appearance of the endometrium on conventional sonography: comparison with saline hysterosonography. (Original Research) AJR 2002; 178:129-133.
78. Laifer-Narin SL, Ragavendra N. The benefit of the multiplanar coronal Image of the uterus during saline sonohysterography. Ultrasound Med Biology 2003; 29:30-32.
79. *Chin AI, Ragavendra N, Hilborne L, Gritsch HA. Fibrin sealant sclerotherapy for treatment of lymphoceles following renal transplantation (Original Research) J Urol 2003; 170:380-383.
80. *Williams PL, Laifer-Narin SL, Ragavendra N. US of abnormal uterine bleeding (Original Research) Radiographics 2003; 23:703-18.

81. *Freitas B, Laifer-Narin S, Zimmerman P, Ragavendra N. et al. Imaging Evaluation of Focal and diffuse Liver Disease in Women of Childbearing Age. AJR 2004; 182:94-94.

82. *Morris LF, Ragavendra N, Yeh MW. Evidence based assessment of the role of ultrasonography in the management of benign thyroid nodules. World J Surg 2008; 32:1253-1263.

83. Ragavendra N, Ju J, Sayre JW, Hirschowitz S, Chopra I, Yeh MW. In vivo analysis of fracture toughness of thyroid gland tumors. (Original Research) J Biol Engineering 2008; 6:2-12.

84. McMahon M, Grossman J, Skaggs B, Fitzgerald J, Sahakian L, Ragavendra N, Charles-Schoeman C, Volkman E, Hahn BH. Dysfunctional proinflammatory high-density lipoproteins confer increased risk of atherosclerosis in women with SLE. (Original Research) Arthritis Rheum 2009; 60:2428-37.

85. *Lee EW, Chen C, Sauk S, Ragavendra N. How diagnostic is ultrasound guided neck mass biopsy: Evaluation of 132 nonthyroid neck mass biopsies with pathologic analysis over 7 years at a single institution. (Original Research) J Ultrasound Med 2009; 28:1679-84.

86. Volkman ER, Grossman JM, Ragavendra N, Hahn BH. Low physical activity is associated with proinflammatory high-density lipoprotein and increased subclinical atherosclerosis in women with SLE. (Original Research) Arthritis Care Res 2010; 62:258-265.

87. Ribas A, Weber JS, Chmielowski B, Anduix-Comin B, Lu D, Douek M, Ragavendra N, Raman S, Seja E, Rosario D, Miles S, Diamond DC, Qiu Z, Obrocea M, Bot A. Intra-lymph node prime boost vaccination against Melan A and Tyrosine for treatment of metastatic melanoma: Results of a Phase I Clinical Trial. (Original Research) Clin Cancer Res 2011; 17: 2987.

88. McMahon M, Skaggs BJ, Shakian L, Grossman J, Fitzgerald J, Ragavendra N, Charles-Schoeman C, Chernishof M, Gorn A, Witztum JL, Wong WK, Weisman M, Wallace DJ, La Cava A, Hahn BH. High Plasma Leptin Levels Confer Increased Risk for Atherosclerosis in Women with Systemic Lupus Erythematosus and are Associated with Inflammatory Oxidized Lipids. (Original Research) Ann Rheum Dis 2011; 70: 1619-24.

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91. Charles-Schoeman C, Lee YY, Shahbazian A, Gorn AH, Fitzgerald J, Ranganath VK, Taylor M, Ragavendra N, McMahon M, Elashoff D, Reddy ST. Association of paraoxonase 1 gene [polymorphisms and enzyme activity with carotid plaque in rheumatoid arthritis. Arthritis Rheuma 2013; 65:2765-72.

92. Staack A, *Vitale J, Ragavendra N, Rodriguez LV. Translabial ultrasound for evaluation of synthetic mesh in the vagina. (Original Research) UROLOGY 2014; 83:68-74.

93. McMahon M, Skaggs BJ, Grossman JM, Shakian L, Fitzgerald J, Wong WK, Lourenco EV, Ragavendra N, Charles-Schoeman C, Gorn A, Karpouzas J, Taylor MB, Weisman MH, Wallaach DJ, Hahn B. A panel of biomarkers associated with increased risk for presence and progression of atherosclerosis in women with systemic lupus erythematosus. Arthritis Rheuma 2014; 66:130-9.

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Publications (Non-Peer Review)

1. Raghavendra BN, Passalacqua AM, Braunstein P, Pinto R: Computed tomography - Nuclear Interface in the brain. (Review article) Appl Radiol 1978; 1:141-145.

2. Raghavendra BN: Contributions of ultrasonography to cancer diagnosis. (Review article) Cancer Report (NYU) 1980; 5:8-9

3. Raghavendra BN: Ultrasonography of the gallbladder and biliary tract. (Review article) Squibb X-Ray Atlas 1980; 6(4)

4. Raghavendra BN, Epstein FJ: Sonography of the spine and spinal cord. Rad Clin N Amer 1985; 23:91-105

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Letters to the Editor

1. Raghavendra BN, Ambos MA: Renal cyst masquerading as a palpable “gallbladder”. JAMA 1981; 246:125.
2. Bosniak MA, Megibow AJ, Raghavendra, BN. Renal cell carcinoma. Radiology 1990; 174:280.
3. Hansen G, Ragavendra N. Atypical mesenchymal hamartoma of the liver. AJR 1992; 158:921-922.
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Scientific Paper Presentations (Peer-Reviewed)

1. Mitnick JS, Bosniak MA, Raghavendra BN, Subramanyam BR, Genieser NB, Horii SC, Hilton S: Ultrasound evaluation of renal involvement in tuberous sclerosis. RSNA, Chicago, 1980.
2. Raghavendra BN, Feiner H, Subramanyam BR: Acute cholecystitis: sonographic-pathologic correlation. ARRS, San Francisco, 1981
3. *Lustig I, Young B, Silverman F, Raghavendra BN. Fetal intra-ventricular hemorrhage: SPO, San Antonio, 1982.
4. Feiner HD, Raghavendra BN, Phelps R, Rooney L: Inflammatory abdominal aneurysms. International Academy of Pathology, Boston, MA. March 1982.
5. Bosniak MA, Horii SC, Raghavendra BN. Correlations of CT and ultrasound in the evaluation of lymphomas of the kidney. Society of Uroradiology, Palm Beach, 1982
6. *Braun IF, Raghavendra BN, Kricheff II: Real-time ultrasound for the evaluation of spinal cord tumors following surgery. XII Symposium Neuroradiologicum, Washington, DC. 1982
7. Raghavendra BN, Horii SC, Subramanyam BR, Hilton S: Sonography of adenomyomatosis of gallbladder. AIUM, Denver, 1982
8. Subramanyam BR, Raghavendra BN, Rosen RJ: Sonographic diagnosis of pyonephrosis: a prospective analysis. ARRS 1983
9. Subramanyam BR, Raghavendra BN, Horii SC: Hematosalpinx: sonographic diagnosis of tubal gestation. ARRS, Atlanta, 1983
10. Goldstein S, Subramanyam BR, Raghavendra BN: Gestational sac separation in threatened abortion. ARRS, Atlanta, 1983
11. Raghavendra BN, Bosniak MA, Megibow AJ: Small angiomyolipoma of the kidney. Society of Uroradiology, San Francisco, 1983
12. Braun IF*, Raghavendra BN, Kricheff II: Diagnostic utility of real-time ultrasound for evaluation of spinal cord tumors following surgery. AIUM, Denver, 1983
13. Raghavendra BN, Epstein FJ, Horii SC: Intraoperative ultrasound in the localization of intramedullary spinal cord tumors. AIUM, New York, 1983
14. Raghavendra BN, Epstein FJ, Horii SC, Cooper P, Ransohoff J: Intraoperative ultrasound in the localization of lesions of the brain. AIUM New York, 1983
15. Raghavendra BN, Epstein FJ, Horii SC, Subramanyam BR: Ultrasound evaluation of the spinal cord. AIUM, New York, 1983
16. Raghavendra BN, Bosniak MA, Megibow AJ, Subramanyam BR: Small echogenic renal mass: a dilemma in diagnosis and management. AIUM, New York, 1983
17. Subramanyam BR, Balthazar EJ, Lafleur R, Horii SC, Raghavendra BN: Venous invasion in malignant hepatic tumors. AIUM, New York, 1983
18. Berliner L, Bosniak MA, Megibow AJ, Raghavendra BN: Hepatic hemangiomas. RSNA, Chicago, 1983
19. Raghavendra BN, Epstein EJ, Horii SC, Cooper P, Ransohoff J: Intraoperative ultrasound in the localization of lesions of the brain. RSNA, Chicago, 1983
20. Subramanyam BR, Balthazar EJ, Lafleur R, Horii SC, Raghavendra BN: Venous invasion in malignant hepatic tumors. RSNA, Chicago, 1983
21. Mitnick JS, Bosniak MA, Hilton S, Rothberg M, Megibow AJ, Raghavendra BN: Metastatic neoplasms to the kidney. RSNA, Chicago, 1983
22. Raghavendra BN, Epstein FJ, Horii SC: Real-time ultrasound study of spinal cord motion. RSNA, Chicago, 1983
23. Raghavendra BN, Epstein FJ, Horii SC: Ultrasound in the evaluation of recurrent spinal cord tumors. RSNA, Chicago, 1984
24. Subramanyam BR, Balthazar EJ, Horii SC, Raghavendra BN: Sonographic features of colonic diverticulitis. ARRS, Las Vegas, 1984 Hilton S,
25. Bosniak MA, Megibow AJ, Raghavendra BN: Acute renal infarct: CT-US correlation. ARRS, Las Vegas, 1984
26. Raghavendra BN, Epstein FJ, Horii SC, Subramanyam BR, Hilton S, Genieser NB: Spinal cord motion: a real-time ultrasound study. 5th Congress of the European Federation of Ultrasound Societies in Medicine and Biology, Strasbourg, France, 1984

27. Raghavendra BN, Epstein FJ, Horii SC: Ultrasonography of the spine. 5th Congress of the European Federation of Ultrasound Societies in Medicine and Biology, Strasbourg, France, 1984
28. Raghavendra BN, Horii SC, Rosen RJ, Subramanyam BR, Lam S: Vein compressibility: an indicator of deep venous thrombosis? AIUM, Kansas City, 1984.
29. Raghavendra BN, Epstein FJ, Horii SC, Subramanyam BR: The level of termination of the caudal spinal cord in infants and fetuses. AIUM, Kansas City, 1984.
30. Rumancik W, Hilton S, Raghavendra BN, Horii SC: Ultrasound evaluation of spinal cord and spinal dysraphism. RSNA, Washington, DC. 1984
31. Raghavendra BN, Horii SC, Epstein FJ: Sonographic study of rostral migration of the spinal cord in human fetuses and infants. 4th Meeting of the World Federation for Ultrasound in Medicine and Biology, Sydney, Australia, 1985
32. Raghavendra BN, Horii SC: Sonographic anatomy of the larynx: with particular reference to the vocal cords. AIUM, 1986
33. Raghavendra BN, Horii SC, Rumancik W: Utility of furosemide in pregnancy complicated by oligohydramnios. RSNA 1986
34. Raghavendra BN, Horii SC, Genieser NB, Epstein FJ: Sonography of the pediatric spinal cord. RSNA, Chicago, 1986
35. Raghavendra BN, Horii SC, Rosen R, Yee J: Real-time ultrasound of deep venous thrombosis. AIUM, New Orleans, 1987
36. Goldstein SR, Subramanyam B, Snyder JR, Beller U, Raghavendra BN, Beckman EM: The post-menopausal cystic adnexal mass. ACOG, Boston, 1987
37. Yee J, Raghavendra BN, Horii SC: Abdominal sonography in AIDS. 5th Meeting of the WFUMB, Washington DC. 1988
38. Tessler F, Kimme-Smith C, Perrella R, Grant EG, Raghavendra N, Determination of vascular patency with color Doppler US. RSNA. Chicago, 1990
39. Hansen G, Duerinckx A, Raghavendra N. Vaginal bleeding in the older patient: RSNA, Chicago, 1990
40. Raghavendra N, McMahon JT, Grant EG. E-CAT ultrasound of human fetus. 6th Meeting of WFUMB, Copenhagen, 1991
41. Raghavendra N, McMahon JT, Perrella RR, Grant EG, Kimme-Smith CM, Hansen GC. Endoluminal catheter assisted transcervical ultrasound of early pregnancy. RSNA, Chicago, 1991
42. Schiller VL*, Tessler FN, Maldjian C, Perrella RR, Raghavendra N, Grant EG. Sonographic features of endometriomas on endovaginal sonography. AIUM, San Diego, 1992
43. Schiller VL*, Tessler FN, Maldjian C, Perrella RR, Raghavendra N, Grant EG. Can endovaginal sonography distinguish between functional and neoplastic ovarian masses? AIUM, San Diego, 1992
44. Schiller VL*, Kallman C, Tessler FN, Perrella RR, Raghavendra N, Grant EG. US guided compression ablation of pseudoaneurysm, RSNA, Chicago, 1992
45. *Schiller VL, Hansen GC, Perrella RR, Tessler FN, Raghavendra N, Grant EG. Sonographic diagnosis of hydatiform mole. RSNA, Chicago, 1992
46. Tessler FN, Schiller VL*, Gomes AS, Perrella RR, Danovitch G, Raghavendra N, Grant EG. Renal transplant artery stenosis. AIUM, Honolulu, 1993
47. Perrella RR, McLucas B, Raghavendra N, Tessler FN, Schiller VL, Grant EG. Sonographic findings after surgical ablation of the endometrium. AIUM, Honolulu, 1993
48. *Ginzburg B, Raghavendra N, Rochelle K, Crandall B. Detection of echogenic bowel in midtrimester fetuses. Canadian Association of Radiologists. Quebec, 1993.
49. Raghavendra N, Hansen G, Ginzburg B*. Transvaginal sonographic appearances of the endometrium in tubal pregnancy: A review of 101 cases. European Society of Endosonography in Gynecology and Obstetrics. London, 1993
50. Raghavendra N, Hansen GC, Perrella RR. Relation between endometrial appearance and frequency of visualization of tubal gestational sac. Ultrasound in Obstetrics and Gynecology. Las Vegas, 1993
51. Raghavendra N, Hansen GC, Perrella RR. Relation between sonographic appearance of the endometrium and detection of tubal gestational sac in ectopic pregnancies - Review of 101 cases. RSNA Chicago, 1993
52. Raghavendra N, Hansen GC, Sayre J, Perrella RR, Tessler FN, Schiller VL, Grant EG. Sonography of tubal pregnancy with reference to the relation between endometrial appearance and extrauterine findings. RSNA Chicago 1993.
53. Raghavendra N. Isolated choroid plexus cyst and aneuploidy: Review of literature and meta-analysis. Work in Progress. Society of Radiologists in Ultrasound Annual Meeting, Chicago, 1994
54. Raghavendra N, Laifer-Narin S, Sayre J, Lu DSK, Gorczyca D. Subendometrial-myometrial contractions in the nonpregnant uterus detected at routine transvaginal pelvic US. RSNA Chicago, 1994
55. Raghavendra N, Crandall BF, Sayre J. Risk of chromosomal abnormality in second trimester fetus with isolated choroid plexus cyst. RSNA, Chicago, 1994
56. *Krasny R, Raghavendra N, Laifer-Narin S, Wechter-Fink P, Prates A, Aldinger J. Subendometrial myometrial contractions in the nonpregnant uterus. ARRS, Washington D.C. 1995

57. *Wong PD, Lu DSK, Ragavendra N, Laifer-Narin S, Zimmerman P, Gorczyca D. Evaluation of cadaveric pancreatic transplant by Doppler sonography. ARRS, Washington, D.C. 1995
58. Ragavendra N. Myometrial Contractions in Dysfunctional Uterine Bleeding. 4th Congress of Asian Federation of Societies for Medicine and Biology, Beijing, China, Feb. 1995
59. *Krasny R, Laifer-Narin S, Ragavendra N, Lu DSK, Prates A, Parmenter K. Distinguishing characteristics between submucosal myomas and endometrial polyps on saline hysterosonography. ARRS, Washington, D.C. 1995
60. Ragavendra N, Robert J, Cheng J, McGrath R, Sayre J, Nilawat C, Laifer-Narin SL, Lu DSK, Krasny RM*. Assessment of porcine liver perfusion by a new liposome-based blood pool US contrast agent. AIUM, New York City, 1996
61. Ragavendra, N. Harmonic Imaging of Intra-Ovarian Arteries. Guest Lecture: First European Symposium on Ultrasound Contrast Imaging, University Hospital of Rotterdam, the Netherlands, January 1996
62. Duerinckx AJ, Valentino DJ, Hayraptian A, Rahbar D*, Kiszonas M, Franco R, Shimabaku GH, Hagan G, Melany M, Laifer-Narin S, Ragavendra N, Grant EG. Assessment of asynchronous transfer mode networks. SPIE Proceedings, Feb. 1996.
63. Duerinckx AJ, Hayrapetian A, Grant EG, Valentino DJ, Rahbar D*, Kiszonas M, Franco R, Melany M, Laifer-Narin S, Ragavendra N. Impact of ultrasound video transfer on the practice of ultrasound. SPIE Proceedings, Feb. 1996.
64. Krasny, RM; Lu, DS; Economou, JS, Ragavendra N. US-guided intraoperative cryotherapy RADIOLOGY Volume: 201 Supplement: 1996
65. Ragavendra N, Laifer-Narin SL, Melany ML, Steckel RJ. Ultrasound radiologist as consultant to the patient: An emerging paradigm. AIUM, San Diego, CA, March 1997
66. *Manning JE, Ragavendra N, Laifer-Narin SL, Melany ML. Intraventricular echogenic foci in the fetal heart. ARRS, Boston, MA, May 1997
67. Jam, K, *Manning J, Ragavendra N, Laifer-Narin, SL, Crandall B. Intraventricular echogenic foci and trisomy 21. 47th Annual Meeting of the American Society of Human Genetics, Baltimore, MD, Oct. 1997
68. Ragavendra N, *Manning J, Laifer-Narin SL, Grant E, Melany M, Crandall B. Significance of intraventricular echogenic foci in trisomy 21. 7th World Congress of the International Society of Ultrasound in Obstetrics and Gynecology. Washington, DC, Oct. 1997.
69. Ragavendra N, Robert J, Cheng R, Sayre JW, Nilawat C. Evaluation of porcine hepatic perfusion using liposome-based US contrast medium. RSNA, Chicago, IL, December 1997
70. *Manning J, Ragavendra N, Sayre J, Laifer-Narin S, Melany M, Grant EG, Crandall BF. Significance of prenatally detected intraventricular echogenic focus in a high-risk obstetric population. RSNA, Chicago, IL, Dec. 1997
71. Laifer-Narin, S, Ragavendra N, Lu DSK, Perrella RR, Grant EG. Transvaginal hysterosonography: Characteristics distinguishing malignant and benign conditions. RSNA, Chicago, IL, Dec. 1997
72. Ragavendra N, Laifer-narin S, Melany M, Grant E. Color power Doppler sonographic appraisal of blood flow in the human placenta. 4th Conference of the International Federation of Placental Associations. Tokyo, Japan, October 1998.
73. *Farooki S, Ragavendra N, *Golding IB, Sayre JW, Dong PR, Gomes AS, Laifer-Narin SL, Melany M, Grant E. Significance of abnormal Doppler studies in liver transplant recipients with suspected vascular complications. RSNA, Chicago, Dec. 1998
74. Laifer-Narin S, Tabsh K, Lu DSK, Ragavendra N, Grant EG. The use of color Power Doppler angiography in imaging the fetal renal arteries. ARRS, 1998
75. Laifer-Narin S, Tabsh K, Lu DSK, Ragavendra N, Grant EG. The use of color Power Doppler angiography in imaging the fetal renal arteries. AIUM, San Francisco, 1998
76. Laifer-Narin S, Marumoto A, Ragavendra N, Melany M, Grant EG. Color power Doppler angiography of iatrogenically induced vascular complications. AIUM, 1999.
77. Raman SS, Laifer-Narin S, Melany ML, Zimmerman PN, Ragavendra N, Grant EG. Percutaneous hepatic fine needle aspiration and core biopsy with sonographic guidance. Review of 100 consecutive cases. RSNA, Chicago, IL, Dec. 1999.
78. Laifer-Narin, S, Ragavendra N, Melany SL, Grant EG. False normal appearance of the endometrium on conventional transvaginal ultrasound: comparison with saline hysterosonography. RSNA, Chicago, IL, Dec. 1999
79. Ragavendra N, Tarantal AF. Monitoring intervillous blood flow in the rhesus monkey by gray scale harmonic imaging with a microbubble sonographic contrast agent. Rochester Conference Trophoblast. Rochester, NY, Oct. 6, 2000.
80. Laifer-Narin S, Ragavendra N, Parmenter EK, Grant EG. False normal appearance of the endometrium on conventional pelvic ultrasound: comparison with saline hysterosonography. RSNA, Chicago, 2000
81. Raman SS, Laifer-Narin S, Lu DSK, Melany ML, Zimmerman PN, Ragavendra N, Grant EG. Percutaneous hepatic fine needle aspiration biopsy: review of 100 consecutive cases. AIUM, 2000
82. Laifer-Narin S, Ragavendra N, Grant EG. The screening transvaginal ultrasound for endometrial abnormalities-Is it necessary? RSNA, Chicago, 2000
83. Laifer-Narin S, Ragavendra N, Grant EG. Uterine anomalies evaluation using saline hysterosonography. RSNA, Chicago, 2000.
84. Laifer-Narin S, Ragavendra N, Grant EG. Potential cost savings of saline hysterosonography in the evaluation of abnormal vaginal bleeding: a comparison with diagnostic and therapeutic hysteroscopy. AIUM 2001

85. Laifer-Narin S, Ragavendra N, Grant EG. The screening transvaginal ultrasound for endometrial abnormalities - Is It adequate? ARRS 2001.

86. Laifer-Narin S, Ragavendra N, Grant EG. Uterine anomalies: evaluation using saline hysterosonography. ARRS 2001.

87. Laifer-Narin S, Ragavendra N, Grant EG. Potential cost savings of saline hysterosonography in the evaluation of vaginal bleeding. ARRS 2001.

88. Laifer-Narin S, Ragavendra N, Grant EG. Placental polyps: A new entity in the differential diagnosis of pathology demonstrated on saline Infusion sonohysterography. AIUM 2002.

89. Laifer-Narin S, Ragavendra N, Grant EG. Placental polyps: a new entity in the differential diagnosis of pathology demonstrated on saline hysterosonogram. ARRS 2002.

90. Ragavendra N, Laifer-Narin S, Hirschowitz SL, Chandler L, Raga SJ. Small papillary thyroid carcinoma: analysis by US guided non-aspiration fine needle biopsy. RSNA, Chicago, December 2005.

91. McMahon M, Grossman J, FitzGerald J, Ragavendra N. The Novel Biomarker Pro Inflammatory HDL is associated with Carotid Artery Plaque in Women with SLE. Arthritis and Rheumatism 2006; 54: S522-S522

92. McMahon MA, Grossman JM, Sahakian L, Ragavendra N, et al. Pi HDL is a stronger predictor of atherosclerosis than other high risk inflammatory lipids, associated with a 17-fold increased risk of subclinical atherosclerosis in SLE. (Original Research) Arthritis and Rheumatism 2008; 58: S411-S411.

Scientific Exhibits (Peer-Reviewed)

1. Raghavendra BN, Glickstein MC, Horii SC: Sonographic spectrum of adenomyomatosis of gallbladder. AIUM, Denver, 1982.

2. Ragavendra N. McMahon JT, Bitonte RA, Crager G, Delereto C. E-CAT Ultrasound of First Trimester Human Fetus. RSNA, 1991.

3. Ragavendra N, Beall MB, McMahon J, Grant EG. Transcervical Ultrasound of First Trimester Pregnancy. SPO, Orlando, 1992.

4. Schiller VL, Hansen GC, Kallman C, Ragavendra N. Fetal neck masses-A pictorial display. [Honorable Mention] AIUM. 1992,

5. Haker KM, Schiller VL, Hansen GC, Ragavendra N, Grant EG. Ultrasound diagnosis of fetal GU abnormalities. AIUM 1992.

6. Ragavendra N. McMahon JT, Bitonte RA, Crager G, Deloreto C. ECAT Sonography: ARRS. Orlando, 1992

7. Duerinckx AJ, Hansen GC, Ragavendra N. Vaginal bleeding in the older patient. ARRS, Annual Meeting, Orlando, 1992

8. Wong PD, Lu DSK, Ragavendra N, Laifer-Narin S, Zimmerman P, Gorczyca D. Pancreatic transplant. ARRS, D.C. 1995

9. Lu DSK, Wong PD, Ragavendra N, Laifer-Narin SL, Nilawat C, Parmenter K. Pancreatic transplants. RSNA, Chicago, 1995

10. Laifernarin SL, Ragavendra N, Lu DSK, Prates A, Parmenter K. Transvaginal saline hysterosonography. RSNA 1995 (Cum Laude)

11. Wong PD, Lu DSK, Ragavendra N, Nilawat C, Aldinger J, Parmenter K. The cadaveric pancreatic transplant. LARS 1996

12. Krasny RM, Lu DSK, Ragavendra N, Laifer-Narin SL, Economou JS. Intra-operative cryotherapy. AIUM, NYC, 1996

13. Laifer-Narin SL, Ragavendra N. Transvaginal saline hystero-sonography. AIUM 1996

14. Krasny RM, Lu DS, Economou JS, Chen JC, Ragavendra N. US guided intraoperative cryotherapy. RSNA. Chicago, 1996.

15. Laifer-Narin SL, Ragavendra N, Parmenter EK, Wechter-Fink P. Benign adnexal masses: typical and atypical. RSNA 1996.

16. Laifer-Narin SL, Ragavendra N, Parmenter EK, Nilawat C. First trimester: normal and pathologic findings. RSNA 1996

17. Laifer-Narin SL, Ragavendra N, Parmenter E, Wechter-Fink P. Benign adnexal masses. RSNA, Chicago, 1996.

18. Duerinckx AJ, Hayrapetian AS, Grant EG, Laifer-Narin S, Ragavendra N. ATM networks for regional teleradiology. SPIE 1996.

19. Duerinckx AJ, Hayrapetian AS, Grant E, Laifer-Narin S, Melany M, Ragavendra N. Video transfer. SPIE Proceedings 1996.

20. Laifer-Narin SL, Ragavendra N, Parmenter E, Nilawat C. The first trimesters: normal and abnormal. AIUM, San Diego, 1997.

21. Laifer-Narin SL, Ragavendra N, Parmenter E. Benign adnexal masses: typical and atypical features. AIUM, San Diego, 1997.

22. Laifer-Narin SL, Ragavendra N, Parmenter E. Benign adnexal masses. ARRS, Boston, 1997

23. Laifer-Narin SL, Ragavendra N. Transvaginal saline hysterosonography. ARRS 1997 (Certificate of Merit).

24. Van Ha TG, Narin SL, Ragavendra N, Grant EG. Infectious and inflammatory processes. RSNA 1997 (Certificate of Merit)

25. Laifer-Narin S, Ragavendra N, Grant EG, Melany M. Power Doppler of fetal kidneys. ARRS, San Francisco, April 1998.

26. Ragavendra N, Laifer-Narin S, Melany M, Grant EG. Color power Doppler placental blood flow. 4th IDPA Tokyo, Japan, 1998.

27. Laifer-Narin S, Marumoto A, Ragavendra N, Melany ML, Grant EG. Color Doppler angiography. AIUM, 1999

28. Laifer-Narin S, Marumoto A, Ragavendra N, Melany ML, Grant EG. Color Doppler angiography. RSNA 1999

29. Laifer-Narin S, Marumoto A, Ragavendra N, Melany ML, Grant EG. Color Doppler angiography. ARRS, 1999

30. Laifer-Narin S, Marumoto A, Ragavendra N, Melany ML, Grant EG. Color latrogenic vascular complications. AIUM, 1999.

31. Laifer-Narin SL, Sotomayor B, Ragavendra N, Melany ML, Grant EG. The surgical adnexal mass. RSNA 1999.

32. Laifer-Narin SL, Sotomayor B, Ragavendra N, Melany ML, Grant EG. The surgical adnexal mass. AIUM, 2000.

33. Peters MR, Ragavendra N. Ultrasound diagnosis of hernia in the canal of Nuck. RSNA 2000

34. Laifer-Narin SL, Margolis D, Ragavendra N, Grant EG. Air on ultrasound - Friend or Foe. RSNA 200

35. Laifer-Narin SL, Bash S, Ragavendra N, Grant EG. Obstetrical emergencies. RSNA 2000.

36. Laifer-Narin SL, Bash S, Ragavendra N, Grant EG. Obstetrical emergencies. AIUM 2001.

37. Williams P, Laifer-Narin S, Ragavendra N. Sonographic evaluation of abnormal uterine bleeding. RSNA 2001.

38. Laifer-Narin SL, Bash S, Ragavendra N, Grant EG. Obstetrical emergencies. ARRS 2001.

39. Hansen GC, Duerinckx AJ, Ragavendra N. Vaginal bleeding; contribution of endovaginal Imaging. LARS, Los Angeles, 2001

40. Teranzadeh A, Laifer-Narin S, Ragavendra N. Spectral analysis: A computer exhibit. RSNA 2002.

41. Crawford T, Laifer-Narin S, Ragavendra N. Computer based tutorial of ultrasound of transplants. RSNA 2002

42. Chen HW, Laifer-Narin S, Ragavendra N. Ultrasound Imaging of Renal Masses: A Computer Tutorial. RSNA 2003

43. Huang JC, Laifer-Narin SL, Ragavendra N. Sonography of the scrotum: A Computer Based Tutorial of scrotal pathology. RSNA

44. *Park J, Laifer-narin SL, Ragavendra N. Computer based tutorial of obstetrical emergencies. ARRS, 2004.
45. Laifer-Narin SL, Ragavendra N. Multiplanar saline infusion sonohysterography. Computer Exhibit. ARRS 2004.
46. Raman SS, Kadell BM, Zimmerman PT, Ragavendra N, Lu DS. Intra-abdominal bleeding. RSNA Chicago, 2004
47. *McWilliams J, Lee C, Laifer-Narin S, Ragavendra N. Sonographic review of fetal anomalies using cine real-time. RSNA 200
48. Ragavendra N. Fracture Toughness of Thyroid Gland Tumors. Nature Precepts, 2009.
49. *Boortz HE, Margolis DJA, Ragavendra N, Patel MK, Kadell BM. Extra-uterine devices. RSNA 2010.

LECTURES

1. Splenic Imaging. Nuclear Medicine Course (NYU) NYC, 1976.
2. Sonography of Retroperitoneum and Pelvis. Radiology Refresher Course (NYU) 1978
3. Various aspects of ultrasound. Guest Lecture: Westchester Academy of Medicine, 1979
4. Sonographic Evaluation of Renal Masses. Radiology Course (NYU) NYC, 1979
5. Introduction to Sonography. Radiology Course (NYU) NYC, 1979
6. Sonography of the gallbladder and bile ducts. Guest Lecture: New York Roentgen 1980
7. Role of sonography in renal disease. Amer Urol Assoc Allied, NYC, 1980
8. Sonography of Liver. Radiology Course (NYU) NYC, 1980
9. Sonography of Gallbladder. Grand Rounds: NYU Department of Radiology, NYC, 1981
10. Aspects of OB/GYN Ultrasound. Grand Rounds. Beekman-Downtown Hospital 1981.
11. Obstetrical Ultrasound. Ob-Gyn Course (NYU) NYC, 1982
12. Gallbladder wall thickening. Guest Lecture: New York Roentgen Society, NYC, 1982
13. Biopsy Techniques. Interventional Course (NYU), NYC, 1983
14. How to Conduct the Ultrasound Examination. Ob-Gyn Course (NYU) NYC, 1983
15. Early Pregnancy Scanning. Ob-Gyn Refresher Course (NYU), Department Ob 1983
16. Intraoperative Ultrasound. Guest Lecture, Academy of Medicine of New Jersey, 1983
17. Sonography of the gallbladder. Guest Lecture, New York Roentgen Society, 1984
18. US of the Spine and Spinal Cord. Grand Rounds Speaker: Einstein College 1984
19. Spine and Spinal Cord. Sonography Course (NYU) NYC, 1984
20. Intraoperative Ultrasound. Sonography Course (NYU), NYC, 1984.
21. Sonography of Femoral and Popliteal Veins. Sonography Course (NYU), NYC, 1984
22. Intraoperative Ultrasound. Neurosurgery Course. NYC, 1984
23. Sonography of Bile Ducts. Radiology Course (NYU), Puerto Rico, 1985
24. Sonography of Testes. Radiology Course (NYU), Puerto Rico, 1985
25. Neuroultrasound. Grand Rounds Speaker: Radiology. Downstate Medical Center, 1985
26. Sonography of the Spine. Radiology Course (NYU), NYC, 1985
27. Oligohydramnios. Sonography Course (NYU), NYC, 1985
28. Neuroultrasound. Sonography Refresher Course (NYU), NYC, 1985
29. US of the Spinal Cord. Speaker Grand Rounds, Einstein College of Medicine. 1986.
30. Intraoperative Ultrasound. Radiology Refresher Course, Downstate Medical Center 86.
31. US of DVT. Radiology Refresher Course, Downstate Medical Center, Brkooklyn 1986
32. Sonography of the Gallbladder. Radiology Refresher Course (NYU), Bermuda, 1986
33. Fetal Anomalies. Radiology Refresher Course (NYU), NYC, 1986
34. Sonography of Oligohydramnios and Polyhydramnios. Sonography Refresher 1986
35. Spinal Cord Sonography. Guest Lecture, New York Roentgen Society, NYC, 1986
36. Sonography of DVT Guest Lecture, Westchester Society of Radiology, Purchase, NY 1987
37. Intraoperative Ultrasound. Radiology Grand Rounds, N.Y. Medical College, Valhalla 1987
38. US of First Trimester Pregnancy. Guest Lecture, NY Roentgen Society Spring 1987
39. Endovaginal Sonography. Guest Lecture, New York Roentgen Society, NYC, 1987
40. Sonography of DVT. Radiology Grand Rounds Speaker: Montefiore Medical Center, 1987
41. Sonography of DVT. Guest Lecture Series, New Jersey Society of Ultrasound, 1988
42. Sonography of DVT. 1988 Masters Symposium, NY State SDMS. Mt. Sinai Medical 1988
43. Sonography of Obstet/Gynecology. General Radiology Course, (UCLA), Santa 1990
44. Nongravid Uterus. Endovaginal Sonography Course (UCLA), Los Angeles, 1990
45. Arterial Doppler of Lower Extremity. Color Doppler 1990, (UCLA), Beverly Hills, 1990
46. Venous Doppler of Lower Extremity. Color Doppler 1990, (UCLA), Beverly Hills, 1990
47. Sonographic – Path Correlation of Fetal Face. Fellow Presentation, SRU, Chicago, 1990
48. Sonography of Obstetrics and Gynecology. General Radiology Course, (UCLA), San 1991
49. Use of Color Doppler Ultrasound in Gynecology. Color Doppler Course, (UCLA), 1991.
50. First Trimester Ultrasound. Speaker UCLA Ob/Gyn Grand Rounds, 1991
51. ECAT Ultrasound of Pregnancy. Fellow Presentation, SRU Denver, 1991
52. Transcervical Ultrasound: Technique and Results. Guest Lecture, Eve Surgical Ce 1991
53. Ob/Gyn Ultrasound. General Radiology Course (UCLA), Santa Monica, 1992
54. Transcervical Ultrasound. Radiology Grand Rounds. Olive View Medical Center, 1992
55. Ultrasonography Update. Guest Lecture, (UCLA), Radiology Update for Clinicians, 1992
56. Transcervical Sonography: Guest Lecture, Society of Radiologists in Ultrasound. 1992
57. First Trimester Pregnancy. Ob/Gyn Grand Rounds. Olive View Medical Center, 1993
58. Sonography of Obstetrics and Gynecology. General Radiology Course, (UCLA), 1993
59. Sonography of Tubal Pregnancy. Guest Lecture. (NYU Radiology), NYC, 1993.
60. Transcervical hysterosonography. Guest Lecture, Chicago, (Session Moderator), 1993
61. Sonography of Ectopic Pregnancy. Speaker, Obstetrics Grand Rounds. UCLA 1993
62. Obstetrical and Gynecological Ultrasound. General Radiology Course, (UCLA), Ma 1994
63. Sonography of Fetal Anomalies. Perinatology Rounds. (UCLA), Los Angeles, 1994
64. Isolated Choroid Plexus Cysts. Guest Lecture. Loma Linda Ultrasound Society, 1994
65. Isolated Choroid Plexus Cyst and Its Relation to Aneuploidy. Fellows Presentation 1994
66. Review of Obstetrical Ultrasound. General Radiology Course, (UCLA), Santa Mon 1995
67. Radiology Resident Noon Conference. NYU Radiology, NYC, 1995
68. DUB and Myometrial Contractions. Paanel Discussion, 4th Congress WFUMB, China 95
69. Contrast Enhanced Harmonic Imaging of the Ovary. Fellows Presentation. SRU 1995.
70. Harmonic Imaging of Intra-Ovarian Arteries. Contrast Imaging, Rotteerdam 1996
71. Harmonic Imaging of Porcine Intra-Ovarian Arteries. US contrast Media Research 1996
72. Radiology Guest Lecture. New York University Medical Center, NYC, May 1996
73. Radiology Resident Noon Conference. Santa Barbara Cottage Hospital, Santa 1996

74. Porcine liver microcirculation w/contrast agent. Fellows Presentation. SRU 1997,
75. Department of Health Services, Genetic Disease Branch, Berkeley, CA March 1998.
76. Contrast sonography of rhesus monkey placenta. Fellows Presentation. SRU, Chicago,
77. US Board Review UCLA Radiology, 2000
78. Sonography Visiting Lecture. NYU Department of Radiology. March 28, 2001. New Yor
79. US Board Review UCLA Radiology, 2001, May
80. US Board Review UCLA Radiology, 2002, April.
81. Sclerotherapy of lymphoceles renal transplantation. Fellows Presentation: SRU, 2002.
82. Board Review UCLA Radiology, 2003, March-April
83. Medical School: Review of Selection Criteria. Phi Delta Epsilon Society. Guest 2004.
84. The significance of reversed MCA waveform in the fetus. UCLA OB Clinical 2004
85. Board Review UCLA Radiology 2004, May 24-26
86. Utility of 3D US in pregnancy. Pediatric Genetics Division Clinical Rounds, UCLA 2004.
87. Reversal of diastolic flow in the fetal MCA. SRU Fellows Presentation 2004
88. Nephrology. Clinical Rounds: Doppler In renal transplantation. UCLA November 2004
89. Board Review UCLA Radiology 2005, May
90. Board Review UCLA Radiology 2006, May
91. Board Review UCLA Radiology 2007, May
92. Board Review UCLA Radiology 2008, May
93. Fracture Toughness of thyroid tumors. SRU 2008
94. Board Review UCLA Radiology 2009, May
95. Board Review UCLA Radiology 2010, May
96. Transient Elastography SRU 2010 Philadelphia

Book Chapters & Book Review

1. Raghavendra BN. Ultrasound Annual. Eds. Sanders RC and Hill M. Raven Press, 1983.
2. Raghavendra BN: Ultrasonography of the Spine and Spinal Cord. [In] Ultrasound Annual 1985.
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Research Grants

1. PI: Nagesh Ragavendra. Endoluminal catheter-assisted US of gravid uterus. Start Date: July 1991. End Date: August 1991. Funded by Dasonics Ultrasound Inc. Milpitas, CA. Grant amount: \$7,500
2. PI: Nagesh Ragavendra. Transcervical US evaluation of the endometrial cavity. Start Date: June 1992. End Date: Aug 1992 Partially funded by Dasonics US Inc. Milpitas, CA. Grant amount: \$ 7,000. Partially funded by Radiology (Rigler Center) Grant amount: \$3,210.
3. PI: Nagesh Ragavendra. Transcervical Sonography of Human Embryo..Start Date: Aug 1992. End Date: August 1992 Funded by CVIS Inc. Sunnyvale, CA. Grant amount: \$2,500
4. PI: Nagesh Ragavendra Cell membrane receptor-based ultrasound contrast medium. Animal Research - Study involved 5 rabbits. PI: Nagesh Ragavendra Start Date: Feb1995. End Date: Feb1995 Partially funded by the Rigler Center. Grant amount: \$4,000
5. PI: Nagesh Ragavendra. Harmonic imaging of porcine ovarian arteries by US contrast media. Animal Research, Study involved 2 adult pigs. Start Date: June 1995. End Date: Oct 1995 Funded by ImaRx Pharmaceutical Corp. Tucson, AZ Grant amount: \$1,500. Funded by ATL Corp, Bothell, WA Grant amount: \$2,500
6. PI: Nagesh Ragavendra. A Phase III multi-center crossover clinical trial to determine the ability of DMP 115 contrast enhanced ultrasound of the kidney and liver. Start date: Oct 1997. End Date: Sept 1998. Funded by Dupont-Merck Pharma Co. Grant amount: \$19,500
7. PI: Nagegh Ragavendra, Co PI Trantal A. Intervillous Blood Flow in Rhesus Monkey: Use Sonographic Contrast Agent and Harmonic Imaging Start date: June 1999. End Date: June 1999 Funded by Harris Corportion, \$3,800; Advanced Technology Corp. \$3,000; and ImRx Pharma Corp. \$1,000. UC Davis Primate Research Center, Davis, CA
8. PI: Laifer-Narin S. CoPI N Ragavendra. Ultrasound study of the pelvis performed by sonologists versus sonographers. Start Date: May 2001. End Date: Stopped. Funded by Society of Radiologists In Ultrasound (SRU) Grant amount: \$10,000
9. PI: Bevra Hahn. CoPI: Nagesh Ragavendra. Carotid Sonography In Systemic Lupus Erythematosis: Pilot Study. Start Date: Feb 2002. End Date: Feb 2002 Funded by Intramural Grant from Rheumatology; Grant amount: \$3,210
10. PI: Nagesh Ragavendra: Phase II/III Multicenter,Randomized study for using SonoVue contrast agent enhanced ultrasonography. Start Date: July 2002. End Date: July 2003. Funded by Bracco Diagnostics Inc. Grant amount: \$79,660

11. PI: B.Van de Wiele, CoPI: N. Ragavendra.Venous catheter for core cooling and rewarming for temperature control during aneurysm surgery. Start Date: Feb 2002. End Date: July 2003 Funded by Innercool Therapies Inc Grant Amount: \$5,230.

12. PI: GI. CoPI: N.Ragavendra. An open label extension of study DEX-02A to investigate safety and efficacy of dexloxiglumide: Irritable bowel syndrome. Start date: July 2002. End date: July 2003Funded by Forest Labs Inc. Grant Amount \$7,000

13. PI: Nagesh Ragavendra, Sonothrombolysis Clinical Trial (MRX) Start Date: Terminated by Sponsor. Funded by ImaRx Thera, Inc. Arizona Grant Amount: \$110,000

14. PI: Bevra Hahn, Co-PI Rheumatology, Co-PI: N. Ragavendra. Pro-Inflammatory high-density lipoprotein as a bio-marker for risk for atherosclerosis in SLE: Start Date: 2004. End Date: 2007 Funded by Lupus Research Institute, Inc. Grant Amount: \$ 225,000

15. PI: Bevra Hahn, Co-PI Rheumatology, CoPI: Nagesh Ragavendra. Novel Targets for Identification and Treatment of Atherosclerosis. Start Date: 2008. End Date: 2010 Funded by Allicance for Lupus Research Grant Amount: \$500,000

16. PI: Antonio Ribas, et. al. (Co-PI: N. Ragavendra). A Phase 1/2, open label, non-randomized, dose escalation study to evaluate the safety, tolerability, immune response in patients with metastatic melanoma. Start date: 2008. End date: 2010 Funded by Mankind Corporation Grant Amount: \$499,790.

Significant Publication

➤ DVT Diagnosis by Probe Compression.

<https://onlinelibrary.wiley.com/doi/full/10.7863/jum.2003.22.11.1143>

Raghavendra BN, Rosen RJ, Lam S, Riles T, Horii SC:
Deep venous thrombosis: detection by high-resolution real-time ultrasound. (Original research).
RADIOLOGY 1984; 152: 789-79.

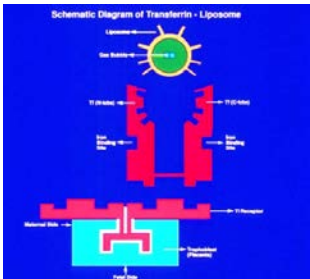
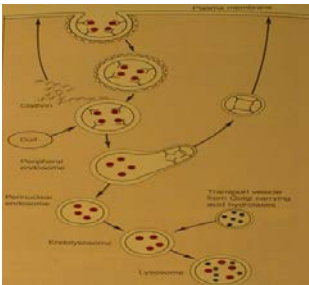
Raghavendra BN, Horii SC, *Hilton S, Subramanyam BR, Rosen BJ, Lam S:
Deep venous thrombosis: detection by probe compression of veins. (Original research).
J Ultrasound Med 1986; 5:89-95.

Paper’s significance is detailed in: History of Venous Ultrasound,
J Ultrasound Med 2003;22:1143-11

Invention Report – UCLA TDG [1]

Title of Invention: Selective Localization of Ultrasound Contrast Agent.
PI: Nagesh Ragavendra, M.D. UCLA Radiological Sciences
UCLA Case No.1994 - 534 – Submitted to UCLA Intellectual Property (1994)
Status: Inactive:

Summary of Invention: Transferrin coated gas-filled liposome as ultrasonic contrast agent is described. The purpose is to identify by means of real time ultrasound harmonic imaging, the location of placental tissue by receptor-mediated uptake of transferring coated liposome by the human placental trophoblast cells. At present, no placenta-specific ultrasonic contrast agent exists for clinical or investigational use.



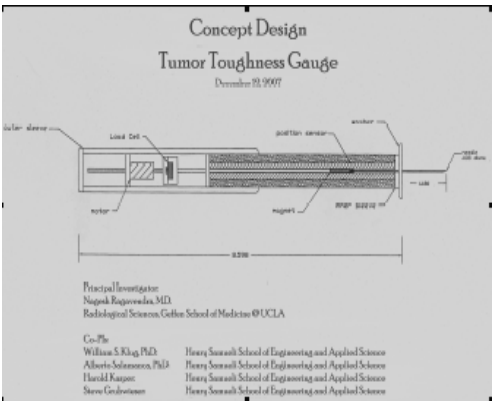
Invention Report UCLA TDG [2]

Title of Invention: Method and Apparatus for Measuring the Toughness of Solid Cancers.

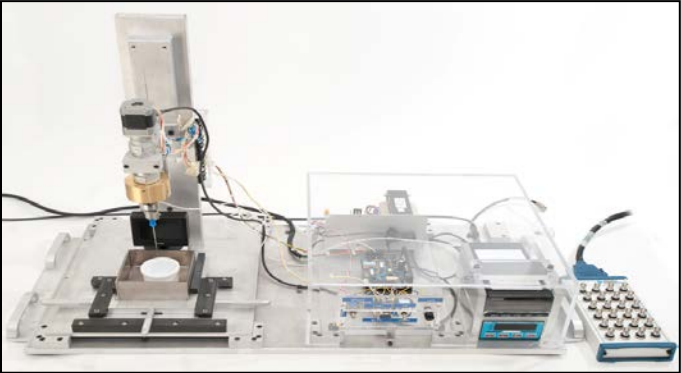
UCLA Intellectual Property: March 2008.

Summary of invention:

Here, we advance the hypothesis that increasing degree of mechanical fracture toughness selects an invasive phenotype. This hypothesis was derived from the clinical experience accumulated during a prospective study of solid papillary carcinoma of the thyroid gland (ref). To test this hypothesis, we have developed a prototype type device,



BioToughness Gauge (see Figure below). Currently, no in vivo methods are available for the investigation of mechanical rigidity of tumors. Hence, the proposed invention presents a novel methodology for the in vivo assessment of mechanical rigidity of a solid tumor, measured in vivo.



Prototype device - BioToughness Gauge (US Provisional Patent: US61/246,862)

Invention Report UCLA TDG [3] Link to “google patents”

<https://www.google.com/patents/WO2016025389>

A Portable, Low Cost Tumor Detection, Device Based on Quantitative 3D Mechano-Transduction Mapping.

January 3, 2015

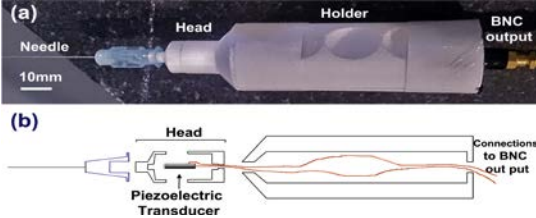
PI: James K Gimzewski

Co-PI:Nagesh Ragavendra

Publication:

doi: 10.1016/j.jbiomech.2014.10.038.

US (2014) and European (2017), Chinese (2017) Patent Application in Process.



Invention Report UCLA TDG [4]

A low cost adaptive technology device for 2D and 3D ultrasound body imaging. Provisional Patent application pending.