

Amolak Singh, MD, Publications, Abstracts, Scientific Exhibits/Posters & Presentations:

A. Peer Reviewed (Referred) Scientific Publications:

1. Singh A, Usher MS. Comparison of Tc-99m Methylene Diphosphonate with Tc-99m Pyrophosphate in the detection of acute myocardial infarction. *Journal of Nuclear Medicine*, 1977; 18:790-792
PUB-MED ID 194934
2. Singh A, Rosenbloom R, Usher MS, Palayew MJ. Extra osseous accumulation of Tc-99m phosphate tracers. *Journal of Canadian Association of Radiologists*, 1977; 28:219-221. PUB-MED ID 197109
3. Singh A, Usher MS, Raphael L. Accumulation of Tc-99m methylene Diphosphonate in pericarditis. *Journal of Nuclear Medicine*, 1977; 18:1141-1142 PUB-MED ID 915101
4. Grossman Z, Thomas FD, Gagne G, Cohen WN, Heitzman ER, Singh A. Transmission computed tomographic diagnosis of experimentally produced acute pulmonary vascular occlusion in the dog. *Radiology*, 1979; 131:767-768. PUB-MED ID 441386
5. Grossman ZD, Gagne G, Zens A, Thomas FD, Chamberlain CC, Singh A, Cohen WN, Heitzman ER. Transmission computed tomography, Tc-99m macro aggregated Scintigraphy and plain chest radiography after experimentally produced acute pulmonary artery occlusion in a dog. *Journal of Nuclear Medicine*, 1979; 20:1251-1256. PUB-MED ID 536791
6. Singh A, Cohen WN. Renal allograft rejection: Sonography and Scintigraphy. *American Journal of Roentgenology*, 1980; 135:73-77. PUB-MED ID 6771999
7. Singh A, Farrer PA, Grossman ZD, Thomas FD. Filling defects in Budd-Chiari syndrome. *The New York State Journal of Medicine*, 1980; 80:801-802. PUB-MED ID 6930560
8. Singh A, Grossman ZD, McAfee JG, Thomas FD. LeVein shunt patency studies: clarification of scintigraphic findings. *Clinical Nuclear Medicine*, 1980; 5:106-108. PUB-MED ID 6444562
9. Singh A, McAfee JG, Thomas FD, Grossman ZD. Radionuclide assessment of Peritoneo-venous shunts patency. *Clinical Nuclear Medicine*, 1979; 4:447-450. PUB-MED ID 509842. *Year Book of Nuclear Medicine*, 1981; p 343.
10. McAfee JG, Singh A, O'Callaghan. Nuclear imaging supplementary to urography in

obstructive uropathy. *Radiology*, 1980; 137:487-496; *Year Book of Nuclear Medicine*, 1982; 338.
PUB-MED ID 7433682

11. Schwartz SE, Levine SA, Singh A, Rogers JB, Track NS. Sustained pectin ingestion delay gastric emptying. *Gastroenterology*, 1982; 83:812-817. PUB-MED ID 6286402. **Over 122 citations.**
12. Levine RA, Schwartz SE, Singh A, Rogers JB, Track NS. Chronic pectin ingestion delays gastric emptying. *Motility of Digestive Tract*, Weinbeck M, editor; New York, Raven, 1982; 379-385.
13. Blumenthal SA, Thomas FD, Schwartz SA, Ackerman N, Elwood JC, Cohen W, Singh A, and Johnson A. Fate of liver fat after bypass surgery for obesity: Divergences after gastric and jejunio-ileal bypass as shown by Radio nuclide computed tomographic (CT) histological and chemical measurements. *Obesity/Bariatrics Medicine*, 1983; 12:12-18.
14. McAfee JG, Singh A, Roskopf, Lyons B, Schoonmaker JE, Ritter C, Jones D. Experimental drug induced changes in the biodistribution of Tc-99m MDP and in renal function. *Investigative Radiology*, 1983; 18:470-478. PUB-MED ID 6227584
15. Passamonte PM, Martinez AJ, Singh A. Pulmonary gallium concentration in the adult respiratory distress syndrome. *Chest*, 1984; 85:828-830. PUB-MED ID 6586399
16. Singh A, Holmes RA, Witten DM. Scintigraphic demonstration of a gallbladder anomaly. *American Journal of Roentgenology*, 1985; 144:77-78. *Yearbook of Nuclear Medicine* 1986. PUB-MED ID 3871152
17. Singh A, Holmes RA, Witten DM. Rapid resolution of perfusion/ventilation abnormalities in pulmonary air embolism. *Clinical Nuclear Medicine* 1985; 15:327-329. PUB-MED ID 4017379
18. Alpert MA, Singh A, Holmes RA, Sanfilippo JF, Flaker GC, Villareal D, Mukerji V, Morgan RJ. Effect of beta-blockade on left ventricular systolic function in patients with chronic stable angina pectoris and left ventricular dysfunction. *American Journal of cardiology*, 1986; 57:721-724. PUB-MED ID 2870631
19. Singh A, Colln MG, Tully RA. Colonic intra hepatic fissural herniation and hepato-diaphragmatic interposition: Significance and Diagnosis. *Missouri Medicine*, 1986; 83:631-633. PUB-MED ID 3508259
20. Singh A, Alpert MA, Holmes RA, Sanfilippo JF. Effects of beta-blockade on right ventricular systolic function in patients with stable angina and right ventricular dysfunction. *Archives of Internal Medicine*, 1986; 146:2135-2139. PUB-MED ID 2877643

21. Kebede D, Barthel JS, Singh A. Transient gastroparesis associated with cutaneous herpes zoster. *Digestive Diseases and Sciences*, 1987; 32:318-322. PUB-MED ID 3816485
22. Williams WV, Cope R, Gaunt W, Adelstein EH, Hoyt TS, Singh A, Presley TA, English R, Schumacher HR, Walker SE. Clinical, radiographic and pathological characteristics of unusual degenerative process. (Missouri M. Syndrome) *Arthritis and Rheumatism*, 1987; 30:1362-1371. PUB-MED ID 3435567
23. Reams G, Singh A, Logan KW, and Holmes RA, Bauer J. "Total and split renal function in patients with renovascular hypertension. *Clinical Hypertension*, 1987; 3:153-163. PUB-MED ID 3039075
24. Gini A, Sangar V, Malley M, Singh A, Holmes RA. "Focusing on peri-partum cardiomyopathy using radionuclide cardiac imaging *Clinical Nuclear Medicine*, 1987; 12:941-943.
25. Singh A, Barthel J. "Delayed gastric emptying associated with gastric bezoar". *Seminars in Nuclear Medicine*, 1988; 18-2: 173-175. PUB-MED ID 3388056
26. Singh A, Colln M. Superior defect on 45 degree left anterior oblique radiothallium image. *Journal of IMA*, 1988; 20:54-56.
27. Singh A, Shah S, Kaplan P. Appendicular and spinal bone mineral content in early stroke. *Bone Mineral Measurements by Photon Absorptiometry*, Leuven University Press (Belgium) 1988; 344-346. (Proceedings of Annual International Bone Absorptiometry Meeting)
28. Alpert MA, Singh A, Terry BE, Kelly DL, Mukerji V, Villarreal D. Effect of exercise on left ventricular systolic function in morbid obesity. *American Journal of Cardiology*, 1989; 63:1478-1482. PUB-MED ID 2524960
29. Alpert MA, Singh A, Terry BE, Kelly DL, El-Deane MSS, Mukerji V, Villarreal D, Artis AK. Effect of exercise and cavity size on right ventricular systolic function in morbid obesity. *American Journal of Cardiology*, 1989; 64:1361-1365 PUB-MED ID 2589204
30. Singh A, Holmes RA, Farhangi M, Volkert W, Williams A, Stringham LM, Ketring AR. Human pharmacokinetics of Samarium-153 EDTMP in Metastatic cancer. *Journal of Nuclear Medicine* 1989; 30:1814-1818 PUB-MED ID 2478681

Most read/cited paper from our department at MU School of Medicine

Source: Research Gate March 1st 2016. Over 200 citations.

31. Krol HK, Mace C, Nicholes KW, Singh A, Zwardowski ZJ. Diagnostic dilemma of unsuspected hyperfunctioning accessory parathyroid gland after total

parathyroidectomy with autotransplantation in a peritoneal dialysis patient. *American Journal of Nephrology*, 1989; 9:495-498 PUB-MED ID 2556922

32. Alpert MA, Sanfilippo JF, Mukerji V, Villarreal D, Singh A, Beach CL, Morgan R. Efficacy of betaxolol in the treatment of stable exertional angina pectoris: a dose ranging study. *Angiology*, 1990; 41:365-375 PUB-MED ID 2162638
33. Singh A. Impaired trapping of Tc-99m pertechnetate in the salivary glands of patients with congenital hypothyroidism. *Clinical Nuclear Medicine*, 1990; 15:257-259. PUB-MED ID 2160348
34. Singh A, Valle G. Pseudo normal hepatobiliary scintigrams in a patient with bile leak. *Clinical Nuclear Medicine*, 1990, 15:843. PUB-MED ID 2292161
35. Singh A, Holmes RA. Early detection of osteoporosis. *Journal of American Academic Minority Physicians*, 1991; 2:36-39. PUB-MED ID 18118117
36. Singh A, Belshe B, Gumerlock MK. Radionuclide assessment of blood brain disruption performed for chemotherapy of high grade malignant brain gliomas. *Nuclear Medicine and Biology* 1991; 18/6:641-645. PUB-MED ID 1743987.
37. Cleto EM, Holmes RA, Singh A, Biermann R, Islam S, Hoffman TJ. Radiographic and neuro SPECT imaging in an immature third ventricle teratoma- case report. *Journal of Nuclear Medicine*, 1992, 33:435-437. PUB-MED ID 1740715
38. Farhangi M, Holmes RA, Volkert WA, Logan KW, Singh A. Sm-153 EDTMP, Pharmacokinetic toxicity and pain response using an escalating dose schedule in treatment of metastatic bone cancer. *Journal of Nuclear Medicine*, 1992, 33:1451-1457. PUB-MED ID 1378887.

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39. Singh A: Radionuclide therapy of Cancer related bone pain: Nuclear Therapy versus Radiotherapy. *International Medical Journal* 1994;1:19-25
40. Marshall JB, Bodnarchuk, Singh A. Supine and upright Radionuclide esophageal transit before and after treatment for achalasia. *Clinical Nuclear Medicine*, 1994; 19: 683-686 PUB-MED ID 7955745
41. Loutfi I, Singh A. Cases of abnormal triple phase bone scan in foot. *Seminars in Nuclear Medicine*, 1994; 24: 251-253 PUB-MED ID 7973762
42. Loutfi I, Singh A: Myocardial Perfusion defects due to conditions other than atherosclerosis. *Seminars in Nuclear Medicine* 1994; 34: 354-356. PUB-MED ID 7817205.
43. Singh A, Thakur R. Scintigraphic study of propylthiouracil induced submassive

hepatic necrosis. *Clinical Nuclear Medicine*, 1995; 20: 132-135. PUB-MED ID 7720304.

44. Bridges A, Hsu KC, Singh A, Churchill RJ, Miles J: Fibrodysplasia (Myositis) Ossificans Progressiva: a review. *Seminars in Arthritis and Rheumatism* 1995; 24: 155-164. PUB-MED ID 7899873
45. Singh A, Bronson W, Walker SE, Allen SH: Relative value of femoral and lumbar bone mineral density in the patients with Ankylosing Spondylitis. *Southern Medical Journal* 1995; 88: 939-943. PUB-MED ID 7660212. Selected for concise publication in the *Osteoporosis Digest* 1996, p7-9 A European Journal published by PMSI Bugamor-Netherlands.
46. Loutfi I, Singh A: Comparison of single tracer (Tc-99m S-MIBI and dual tracer (Tl-201 & Tc-99m S-MIBI) protocols for identification of myocardial ischemia *Investigative Radiology* 1995; 30: 367-371. PUB-MED ID 7490189
47. Loutfi I, Singh A. Comparison of quantitative methods for Brain SPECT analysis in head trauma and stroke. *Investigative Radiology* 1995; 30: 588-594. PUB-MED ID 8557498. Selected for concise publication in the *Focus on Neurology* 1996 - a European Journal published by PMSI Bugamor-Netherlands.
48. Bhatla B, Twardowski ZL, Moore HL, Prowant BF, Nolph KD, Singh A: Lean body mass in CAPD patients using creatinine kinetics, bioimpedance and dual energy x-ray absorptiometry in patients on continuous ambulatory dialysis. *American Society of Artificial Internal Organs* 1995; 41: M442-M446
49. Alikhan Z, Singh A. Unusual case of hyperthyroidism presenting as hypercalcemia. *Southern Medical Journal SMJ* 1996; 89: 997-998. PUB-MED ID 8865795
50. Rupright J, Woods EA, Singh A. Hypoxic brain injury: Evaluation of single photon emission computed tomography. *Archives of Physical Medicine and Rehabilitation* 1996; 77: 1205-1208. PUB-MED ID 8931538
51. Khosla R, Singh A, Miedema B, Marshall J. Does cholecystectomy alleviates acalculus biliary pain in patients with reduced gallbladder ejection fractions. *Southern Medical Journal* 1997; 90: 1087-1090. PUB-MED ID 9386048.
52. Paknikar S, Singh, A. Non-visualization of spleen on sulfur colloid images: a sequel of massive infarction. *Seminars in Nuclear Medicine* 1998; 18: 14. 189-19. PUB-MED ID 9579420.
53. Lehr ML, Slaughter J, Singh A. The man who called himself a hockey stick: A case report of the Mis-identification Delusional Syndrome. *Brain Injury* 2000; 14: 473-478. PUB-MED ID 10834342.

54. Gay D, Singh A. Cocaine Induced Reflex Sympathetic Dystrophy. *Clinical Nuclear Medicine* 2000; 25: 863-865. PUB-MED ID 11079580.
55. Singh A. Value of Peripheral DEXA in Identifying Unrecognized Osteoporosis. *International Journal of Nuclear Medicine* 2002, 2: 1-9
56. Zitsch RP, Todd DW, Renner GJ, Singh A. Intraoperative radiolymphoscintigraphy for detection of occult nodal metastasis in patients with head and neck squamous cell carcinoma *Otolaryngology--Head and Neck Surgery* 2000, 122: 662-666
- Over 120 citations.**
57. Gay D, Singh A. Radiological Case of the Month: Increased Ear Uptake of Tc-99m Diphosphonate (Spock Ears Sign): A Normal variant on the Bone Scan. *Applied Radiology* 2002, 31: 33-34
58. Singh, A, Gull H, Singh RJ. Clinical Significance Of Rapid (Accelerated) Gastric Emptying. *Clinical Nuclear Medicine* 2003; 28(8):658-662. PUB-MED ID 12897652. **The paper was rated #1 on the list of top 20 listed on this topic over 9 years (E-Mail Communication from BioMed Lib. May 2012)**
59. Flynn M, Singh A, Herbert VD, Miller J, Slaughter J, King P, Krause G. Interrelationship of Homocysteine-Cobalamin-Folate Indices in human subjects of various ages: Can hyperhomocystinemia be relieved by B-12 Supplementation. *Missouri Medicine* 2003: 100; March-April, 155-158. PUB-MED ID 12710169.
60. Wen DY, Propeck T, Singh A. Femoral neck stress injury with negative bone scan *Am Board of Family Practice*. March 2003. PUB-MED ID 12665184.
61. Morenski JD, Oro J, Tobias JD, Singh A. Determination of death by neurological criteria. *Journal of Intensive Care Medicine* 2003; 18: 211-221. PUB-MED ID 15035767.
62. Localization of F-18 FDG in Nocardia Lung Infection. A. Thomas, A. Singh, B. Greenspan. *Clinical Nuclear Medicine* 2004; 29: 834-835. PUB-MED ID 15545897.
63. Complimentary Role of Positron Emission Tomography (PET) in Merkel Cell Carcinoma. Lin O, Thomas A, Singh A, and Greenspan B. *Southern Medical Journal* Nov. 2004; 97: 1110-1112. PUB-MED ID 15586604.
64. Positron Emission Tomography (PET) Helps in Excluding Distant Lesions in a Case of Mesothelioma. A. Thomas, a Singh, B. Greenspan. *Clinical Nuclear Medicine* 2005; 30:64-65. PUB-MED ID 1504981.
65. Thomas A, Singh A. Role of Positron Emission Tomography (PET) Imaging in Gastrointestinal Stromal Tumors (GIST). *Applied Radiology* 2005; 34: 10-17

66. Wasson S, Bedi A, Singh A. Assessment of functional severity of subclavian stenosis using exercise thallium stress testing. *Southern Medical Journal*; 2005; 98: 559-560 PUB-MED ID 15954514
67. Singh A and Wasson S. Determining functional significance of subclavian artery stenosis using exercise thallium-201 stress imaging. *Southern Medical Journal* 2005; 98: 1 PUB-MED ID 15954514
68. Singh A. Scintigraphy versus echocardiography in ventricular function assessment in patients with coronary artery disease. *Proceeding of 9th World Congress of Echocardiography and Vascular Ultrasound*. September 2005, pages 23-24
69. Ratko TA, Cummings T, Singh A, Matuszewsky C, Skiles D. UHC High-impact Technology Brief: Dual Modality Positron Emission Tomography/Computed Tomography (PET/CT) Imaging in Oncology. Publication by UHC, Oak-Brook February 2005. On-line paper, 34 pages
70. Ratko T, Singh A, Cummings JP, Matuszewski KA. Use of Dual-Modality Positron Emission Tomography/X-Ray Computed Tomography in Oncology. *Journal of Clinical Outcomes Management* 13(3) 157-183, March 2006.
71. Mackie G, Thomas A, Greenspan B, Singh A. Hepatic activity during ventilation-perfusion scintigraphy due to systemic-portal shunt due to superior vena cava obstruction from histoplasmosis induced fibrosing mediastinitis. *Clinical Nuclear Medicine* 2007 Sep;32(9):707-10 PUB-MED ID 17710024
72. Geiger TM, Awad ZT, Burgard M, Singh A, Davis W, Thaler K, Miedema BW. Prognostic Indicators of Quality of Life after Cholecystectomy for Biliary Dyskinesia. *The American Surgeon* 2008; 5: 400-404 PUB-MED ID: 18481495
73. Wheeler G, Singh A. Scintigraphic Demonstration of Calciphylaxis. *Radiology Case Reports*. 2008; 3: 1-4
74. Singh A, Sethi Y, Watkins S, Youtsey A, Thomas A. Banding And Step Stair Artifacts On Cardiac-CT Caused By Pseudo-Ectopic Beats. *Journal of Radiology Case Reports* 2009 June; 3(6) 3-8
75. Garg N, MD, Garg R, Christensen, G, Singh R, Singh A. Acute Coronary Syndrome Caused By Coronary Artery Mycotic Aneurysm Due To late stent Infection. *Clinical Nuclear Medicine* 2009; 34:753-755. PUB-MED ID 19851168.
76. Kumar P, Singh A. F-18 FDG PET in Gray Matter Heterotopia. University of Missouri Website On line case published in 2010.
77. Missoi A, Singh A. F-18 FDG uptake in unsuspected bilateral tonsillar metastasis

from breast Ca. University of Missouri Website On line case published in 2013.

78. Singh A. Spiral-CT: Detection of Subclinical Atherosclerosis and Vulnerable Plaque. Proceeding of 18th World Congress of echocardiography & Allied Sciences. 2013; Pages 58-60. Published by UAE Ministry of Health.
79. Singh A. Viability Determination in Patients with Multi-Vessel CAD and Severe LV Dysfunction. Published in the Proceedings of XXII World Congress of Cardiology. 2015. P 1-3.
80. Silva F; Zambre A; Maria P, Gano L, Santos I, Ferraria, A; Ferreira, Singh A, Upendran A, Paulo A; Kannan R. Interrogating the role of receptor mediated mechanisms: Biological fate of Peptide-functionalized Radiolabeled Gold Nanoparticles in Tumor in Mice" in *Bio conjugate Chemistry* (Journal of American Chemical Society) March 2016, 1-35 pages.
81. Bhat R, Singh A. Large Urinary Bladder Diverticulum masquerading as FDG avid mass on PET/CT. (Accepted for publication in the Case in Point by ACR)
82. Correlation of Tumor Markers & FDG Quantitative Indices in patients with Small Cell Lung Cancer. (submission pending)

B. Peer-reviewed Abstracts and Publications:

83. Grossman ZD, Gagne GM, Zens A, Thomas FD, Chamberlain CC, Singh A, WN, Heitzman ER. "Transmission Tomography Findings after Experimentally Produced Acute Pulmonary Arterial Occlusion in the Dog. *Journal of Nuclear Medicine* 1979; 20:601. Presented at annual meeting of RSNA in 1978 and Society of Nuclear Medicine 1979 and Association of University Radiologists 1980. National Meeting of the American Roentgen Ray Society, March 1979: Winner of Certificate of Merit.
84. Thomas FD, Blumenthal SA, Singh A. In Vivo Quantitation of Hepatic Steatosis with Xenon-133. *Journal of Nuclear Medicine* 1980; 21:76. Presented at annual meeting of Society of Nuclear Medicine 1980.
85. LeVine RA, Schwartz SE, Singh A, Rogers JG, Track NS. "Chronic Pectin Ingestion Delays Gastric Emptying." *Zeitschr Gastro-enterology* 1981; 29:452.
86. Schwartz SE, LeVine RA, Singh A, Scheidecker JG. "Chronic Pectin Ingestion Enhances Glucose Tolerance and Delays Gastric Emptying in Diabetes." *Gastroenterology* 1984; 80: 2340. Presented at annual meeting of American Gastro-enterology Association 1984.
87. Sunderrajan EV, Thomas N, Singh A, Ellersieck M, Holmes RA. "Effects of Oral Beta Adrenergic Agents on Cardiac Performance in Patients with Severe Stable

- Chronic Obstructive Pulmonary Disease (COPD)."Clinical Research 1984; 32(4): 769. Presented at the 1975 meeting of the American Thoracic Society.
88. Alpert MA, Singh A, Sanfilippo JF. "Effect of Beta Blockade on Left Ventricular Performance in Patients with Stable Angina and Left Ventricular Dysfunction."Clinical Research 1984; 2(4): 728 Presented at annual meeting of American Heart Association 1984.
 89. Alpert MA, Singh A. "Effect of Beta-Blockade on Left Ventricular Function in Patients with Stable Angina Pectoris and Left Ventricular Dysfunction." Circulation 1984 (Suppl II.) p45.
 90. Singh A, Alpert MA, Sanfilippo J, Holmes RA. "Discordant Relationship between Resting Right Ventricular Ejection Fraction and Exercise Response. "Clinical Research 1985; 33(4): 818A.
 91. Singh A, Wang GJ, Welsh S, Butt JH, Holmes RA. Frequency and severity of esophageal motor dysfunction in esophageal disease American Journal of Gastroenterology 1985; 80: 836
 92. Singh A, Alpert MA, Sanfilippo J, Holmes RA. "Effect of Beta-blockade on Right Ventricular Performance in Patients with Right Ventricular Dysfunction Due to Coronary Artery Disease." Clinical Research 1985; 33(4): 818A.
 93. Singh A, Wang GJ, Holmes RA, Butt J, Welsh S. "Appropriate Time Interval for Quantitation of Esophageal Transit by Radionuclide Technique." Clinical Research 1986; 34:14A.
 94. Singh A, Collin MG, Want GJ, Holmes RA. Superior defect on 45 degree left anterior oblique radiothallium image. Clinical Research 1986; 34:33A. Presented at annual meeting of American Federation of Clinical Research (western section) in 1986 and Missouri Valley SNM Chapter meeting.
 95. Holmes RA, Logan KW, Volkert WA, Singh A. Clinical pharmacokinetics of Tc-99m-d, 1-HM-PAO. Journal of Nuclear Medicine 1986; 27:1028.
 96. Singh A, Reams G, Logan KW, Holmes RA, Bauer J. Total and split renal function in patients with renovascular hypertension. Journal of Nuclear Medicine 1986; 27:1054.
 97. Reams G, Singh A, Logan KW, Holmes RA, Bauer J. Total and split renal function following angiotensin converting enzyme inhibition (ACEI) therapy in reno-vascular hypertension. Clinical Research 1986; 34:485A.
 98. Singh A, Alpert MA, Sanfilippo JF. Effect of Beta-Blockade on Right Ventricular Systolic Function in Patients with Stable Angina Pectoris and Right Ventricular

Dysfunction. *Angiology* 1986; 37: 778.

99. Singh A, Farhangi M, Volkert WA, Williams A, Stringham LM and Holmes RA. Sm-153-EDTMP. A potential therapy for osseous metastasis. *Journal of Nuclear Medicine* 1987; 28:708-709. Presented at the annual meeting of the Society of Nuclear Medicine 1987, and Southern Medical Association meeting, 1987.
100. Singh A Volkert WA, Holmes RA, Williams A, Stringham LM and Farhangi M. Clinical pharmacokinetics of Sm-153 EDTMP. *Journal of Nuclear Medicine* 1987; 28:762. Poster at the Society of Nuclear Medicine, annual meeting, 1987
101. Farhangi M, Holmes RA, Volkert WA, Singh A. A potential radiotherapeutic agent for metastatic bone cancer. *Proceedings of American Society of Clinical Oncology* 1987; 6:22.
102. Alpert MA, Singh A, Terry BL, Kelly DL. Effect of exercise on left ventricular systolic function in morbid obesity. *Chest* 1988; 94:385.
103. Alpert MA, Singh A, Terry BE, Kelly DL. Effect of exercise on right ventricular systolic function in morbid obesity. *Proceedings of the 5th annual meeting of the American College of Angiology* 1988, P3.
104. Valle G, Fuentes R, Singh A, Holmes RA. Tomography of Tc-99m-d, 1HMPAO of brain volume and its neuro-anatomy. *Journal of Nuclear Medicine* 1989; 30:1752.
105. Bodnarchuk D, Marshall JB, Singh A. Supine and upright radionuclide esophageal transit (RET) before and after treatment for achalasia. *American J. Gastroenterology* 1992; 87, 9.
106. Farhangi M, Holmes RA, Volkert WA, Logan KW, Singh A. Pharmacokinetic and clinical properties of Sm-153 EDTMP using radiotherapeutic doses in patients with metastatic bone cancer. *Clinical Research* Oct 1992.
107. Singh A, Gray C. Femoral and lumbar bone mineral density in ankylosing spondylitis. *Journal of Nuclear Medicine* 1993, 34: 142. Presented at 1993 SNM meeting.
108. Singh A. Indium-111 B72.3 monoclonal antibody imaging of soft tissue and osseous metastasis from colorectal cancer. *Clinical Research* 1994, 42: 104A
109. Singh A, Bronson W, Walker S, Allen S. Measurement of bone loss in ankylosing spondylitis. *Clinical Research* 1994. 42: 103A
110. Singh A, Marshall JB, Bodnarchuck G. Effect of posture on esophageal emptying in achalasia. *Clinical Research* 1994, 42: 101A

111. Bhatla B, Twardowski ZL, Moore HL, Prowant BF, Nolph KD, Singh A: Lean body mass in CAPD patients using creatinine kinetics, bioimpedance and dual energy x-ray absorptiometry. *Clinical Research* 1994; 42: 384 Presented by first author at the Central Chapter meeting of American Federation of Clinical Research. And presented at the 1994 annual meeting of American Society of Nephrology.
112. Singh A, Gumerlock MK, Belshe B. Role of Tc-99m DTPA brain scintigraphy in the assessment of blood-brain barrier disruption performed for chemotherapy of brain glioma. *Indian Journal of Nuclear Medicine* 1989; 4:p43 Won best paper award for presentation at the XXI annual meeting of Society of Nuclear Medicine - India Dec 17-21 at Lukhnow India
113. Sylvester J, Singh A, Mitchell E, Volkert W, Holmes RA, Imaging of human adenocarcinoma with In-111 labeled B72-3 monoclonal antibody. Presented at annual meeting of Society of Nuclear Medicine, MO-Valley Chapter. Oct. 89
114. Jini A, Singh A, Volkert WA, Logan KW, Holmes RA. Sm-153 EDTMP, A proposed approach for the amelioration of bone pain due to cancer. Presented by first author at MO Valley Chapter of SNM at Kansas City, MO, Oct 87. Won best paper award.
115. Cleto EM, Holmes RA, Singh A, Kasal M, Hagen W. "Inter-observer Variation and the use of 'white on black' versus 'black on white'". Film recording of Thallium - 21 myocardial images. SNM-Missouri Valley Chapter meeting. Oct. 90.
116. Singh A, Shah S, Kaplan P, McKenzie E, Holmes RA. Single and dual photon absorptiometry in patients with stroke. Second international workshop on non-invasive bone measurements, September 23-25, 1987.
117. Valle G, Fuentes R, Singh A, Holmes RA. Tomography of Tc-99m-d, 1HMPAO of brain volume and its neuro-anatomy scientific poster presented at SNM 36th annual meeting 1989, St. Louis, MO.
118. Cleto EM, Kaori M, Graham B, Singh A, Holmes RA. Echocardiographic correlates of delayed Tl-201 redistribution following reinjection. Presented at Radiological Society of North America Meeting at Chicago, IL December 2-6, 1991.
119. Singh A: Radiolabelled monoclonal antibody detection of colorectal metastasis to scrotum. Presented at the Oncoscint Clinical Investigator's Meeting. Tucson, AZ, 1992. Won First Prize.
120. Loutfi I, Singh A: Comparison of single tracer (Tc-99m S-MIBI) and dual tracer (Tl-201 & Tc-99m S-MIBI) protocols for identification of myocardial ischemia. Presented at SNM, Missouri Valley Chapter annual meeting at Iowa City, IA, Oct. 16, 1994

121. Loutfi I, Singh A: Comparison of Quantitative methods for SPECT Brain Analysis. Presented at SNM, Missouri Valley Chapter annual meeting at Iowa City, IA, Oct. 16, 1994
122. Cox C, Allen S, Anderson P, Litwin M, Loy T, Singh A, Stout R, and Koivunen D. Localization of glucagonoma with In-111 Octreotide SPECT scan. American College of Surgeons' meeting, MO Chapter June 15, 1995
123. Singh, A: Tc-99m Diphosphonate Bone Scintigraphy in Malignancy. Published in the Proceedings of Indian Radiological and Imaging Association meeting. Presented at the 100th anniversary of discovery of x-rays by Dr. Roentgen. Nov. 10, 1995, at Bangalore India
124. Singh, A: Radionuclide Left Ventriculography (MUGA). Published in the Proceeding of Indian Radiological and Imaging Association meeting. Presented at the 100th anniversary of discovery of x-rays by Dr. Roentgen. Nov. 10, 1995, at Bangalore India
125. Singh, A: Radionuclide Therapy of Metastatic Bone Cancer. Abstract published in the Indian Journal of Nuclear Medicine 1995. Presented at the annual meeting of Society of Nuclear Medicine-India meeting and Indo-American Society of Nuclear Medicine Symposium at Tirupati India, Nov. 18, 1995
126. One day Gastric Emptying Protocol for identifying Gastroparesis and predicting response to Metoclopramide. Amolak Singh, MD and Steve Harper, MD. Paper presentation at the Annual Meeting of the Southern Medical Association (SMA). Presentation by first author scheduled on November 11th, 2001, Nashville, TN
127. Accelerated Gastric Emptying: Clinical Significance and Relationship to Age and Gender. Amolak Singh, MD, and Rubin J. Singh. Paper presentation at Annual Meeting of the Radiological Society of North America (RSNA). Presentation by first author on November 28th, 2001, Chicago, IL
128. Simplified Protocol for identifying Gastroparesis and Predicting Metoclopramide Response. Amolak Singh, MD Steve Harper, MD, Rubin J. Singh. Paper presentation at Annual Meeting of the Radiological Society of North America (RSNA). Presentation by first author on November 28th, 2001, Chicago, IL.
129. Singh A. One Stage Gastric Emptying Study for identifying Gastroparesis and Predicting Response to Metoclopramide. Society of Nuclear Medicine, Annual Meeting June 19th, 2002, Los Angeles, CA. Journal of Nuclear Medicine 2002; 43: 163p. (594)
130. Singh A. Rapid Gastric Emptying and Early Dumping Syndrome may be more common than you think. Accepted for Society of Nuclear Medicine, Annual

C.V. of Amolak Singh, M.D. 24

, 2002, Los Angeles, CA. Journal of Nuclear Medicine 2002; 43:163p (595)

Meeting June 19th, 2002, Los Angeles, CA. Journal of Nuclear Medicine 2002;43:163p (595)

131. Bedi A, Wasson S, Murtaza M, Dohrmann M, Webel R, Singh A. Novel Diagnostic Technique to Assess the Severity of Subclavian Stenosis. Presented at the Missouri Chapter ACP-ASIM at Osage Beach, MO. Sept 20th, 2002

132. Singh A, Thomas A. Rapid Gastric Emptying and Early Dumping Syndrome in Diabetic Patients. Society of Nuclear Medicine, Annual Meeting at New Orleans. June 23rd, 2003. Journal of Nuclear Medicine 2003; 44: #304, P94

133. Singh A, Thomas A, Greenspan L, Lunceford K, Patterns of normal bowel uptake on whole body FDG-PET scans. Presented at the Missouri Valley Chapter Society of Nuclear Medicine. September 13th, 2003 at Saint Louis, MO

134. Greenspan B, Thomas A, Lunceford K, Singh A. Incidental thyroid uptake of FDG on whole body PET scans. Presented at the Missouri Valley Chapter Society of Nuclear Medicine. September 13th, 2003 at Saint Louis, MO

135. Automated Lung Heart Ratio (LHR), An Unreliable Index Of Myocardial Ischemia And Left Ventricular Dysfunction. Gull H, Singh A, Dang D, Greenspan B, McKenzie E, Kleiner D, Patterson T, Lunceford K, Society of Nuclear Medicine. June 23, 2004

136. Physiological Localization of F-18 Fluoro-deoxyglucose (FDG): A Potential Source of False-Positive FDG Scans for Cancer. Singh A, Thomas A, Greenspan B, Lunceford K. Southern Medical Association Meeting, November 12th, 2004. Southern Medical Journal 2004; volume 97: ps36

137. Can you predict myocardial uptake of F-18 Fluoro-deoxy-glucose (FDG) from fasting glucose. Singh A & Thomas A. Southern Medical Association Meeting November 12th, 2004. Southern Medical Journal 2004; volume 97: ps34

138. Thomas A, Singh A. Scintigraphic findings in Amiodarone Induced Thyrotoxicosis (AIT). Presented at the 2005 Southern Medical Association Annual Meeting at San Antonio.

139. "Prognostic Indicators of Quality of Life After Cholecystectomy for Biliary Dyskinesia" T. Geiger, Z. Awad, M. Burgard, A. Singh, W. Davis, K. Thaler, B. Miedema Presented at the Missouri Chapter of the American College of Surgeons, June 10, 2006 Winner-Best resident presentation

140. Prognostic Indicators of Quality of Life after Cholecystectomy for Biliary Dyskinesia Brent W. Miedema, MD, Timothy M. Geiger, MD, Ziad T. Awad, MD,

Michael Burgard, MD, Amolak Singh, MD, Wade Davis, PhD, Klaus Thaler, MD. American College of Gastroenterology Annual meeting, October 2006

C.V. of Amolak Singh, M.D.

141. CCK-Cholescintigraphy to distinguish choledochal cyst from gallbladder in a patient with Chilaiditi syndrome. Takkallapalli S, Singh A, Cox J. Presented at the Annual Meeting of Southern Medical Association, Destin, FL November 2, 2013
142. Potential False Positive F-18 FDG Positron Emission Tomography (PET) due to extravasated contrast material. Takkallapalli S, Singh A. Presented at the 2013 Annual Meeting of Southern Medical Association, Destin, FL. November 2, 2013
143. Limitations of Combined F-18 FDG and In-111 Octreotide imaging in a patient with Undifferentiated Breast Cancer and Lung Carcinoid. Singh A, Takkallapalli S, Bobba R, Frazier S. Presented at the 2013 Annual Meeting of Southern Medical Association, Destin, FL. November 2, 2013
144. Target-Specific Radiolabeled Nanoparticles for Molecular Imaging and Therapy. AF. Silva, Zambre, A. Paulo, C. Caldwell, MPC. Campello, L. Gano1, A. Singh, A. Upendran, R. Kannan. Presented at the 21st International Symposium on Radiopharmaceutical Sciences. May 26-31, 2015, Columbia, Missouri. Published in the Journal of Labelled Compounds and Radiopharmaceuticals 58: S137, May 2015
145. Bimodal MRI/fluorescence imaging contrast agent targeting human prostate cancer. Hang Xu, T. Hoffman, J. Smith, M. Aro, A. Singh, Lixin MA (PI). Presented at Society of Nuclear Medicine and Molecular Imaging June 2015 National Meeting at Baltimore, Maryland.
146. Sathyamurthy A, Chela H, Romana B, Yousef M, Jersak S, Arif Z, Emmett S, Singh A, Bechtold ML, Arif M. Utility of upper endoscopy as a diagnostic tool in symptomatic patients with gastroparesis: A retrospective study. *Am J Gastroenterology* 2015; 110(S1):S1021 (2464). Presented at the American College of Gastroenterology Meeting in Honolulu, HI 2015.
147. Sathyamurthy A, Arif Z, Yousef M, Chela H, Romana B, Emmett S, Winn J, Jersak S, Singh A, Bechtold ML, Arif M. Use of antireflux medications and prevalence of erosive esophagitis in patients with gastroparesis: A retrospective study. *Am J Gastroenterology* 2015; 110(S1):S1023 (2470). Presented at the American College of Gastroenterology Meeting in Honolulu, HI 2015.
148. Yousef M, Chela H, Romana B, Arif Z, Jersak S, Winn J, Sathyamurthy A, Singh A, Bechtold ML, Arif M. Presenting symptoms and diagnostic work-up in patients with gastroparesis at a tertiary-care center. *Am J Gastroenterology* 2015; 110 (S1):S1023-4 (2471). Presented at the American College of Gastroenterology Meeting in Honolulu, HI 2015.
149. Sathyamurthy A, Arif Z, Winn J, Romana B, Chela H, Yousef M, Jersak S, Singh A, Bechtold ML, Arif M. Comparison of body mass index (BMI) of symptomatic patients with and without gastroparesis: A retrospective study. *Am J*

Gastroenterology 2015; 110 (S1):S1021 (2463). Presented at the American College of Gastroenterology Meeting in Honolulu, HI 2015.

C. Peer Reviewed Scientific Exhibits/Posters:

150. Singh A, Thomas FD, Grossman ZD and McAfee JG. Assessment of LeVein Shunt Patency with Tc-99m Macro aggregated Albumin. 26th Annual Meeting of Society of Nuclear Medicine, June 1979.
151. Seeger RM, Hoffman TJ, McGuirk PR, Logan KW, Volkert WA, Singh A, and Holmes RA. Physiological Studies of Tc-99m-PnAO (propylene amine oxime) in Regional Disturbance of Perfusion. 31st Annual Meeting of Society of Nuclear Medicine, June 1984 (Honorable Mention Award).
152. Singh A, Reams G, Logan KW, Holmes RA, Bauer J. Total and Split Renal Function in Patients with Renovascular Hypertension. 33rd Annual Meeting of Society of Nuclear Medicine, June 1986, Washington, D.C.
153. Goeckeler WF, Volkert WA, Holmes RA, Singh A, Farhangi M, Troutner DE, Corwin LA, Lattimer JC, Simon J. Sm-153 EDTMP: A potential therapeutic bone agent. Scientific exhibit at 33rd Annual Meeting of Society of Nuclear Medicine, June 1986, Washington, D.C.
154. Holmes RA, Logan KW, Volkert WA, Singh A. Clinical Pharmacokinetics and applications of Tc-99m-d, 1-HM-PAO. Scientific exhibit at the 33rd Annual Meeting of Society of Nuclear Medicine, June 1986, Washington, D.C. Winner of third prize.
155. Singh A, Shah S, Kaplan P, McKenzie E, Holmes RA. Changes in bone mineral content in patients with early stroke. Southern Medical Association annual meeting, November 1-4, 1987.
156. Singh A, Belshe B, Gumerlock MK, and Holmes RA. Blood-brain barrier disruption (BBBD) for chemotherapy of malignant gliomas. Presented poster in work in progress section. Society of Nuclear Medicine Annual Meeting at Washington, D.C. June 19-11, 1990.
157. Singh A. Peripheral DEXA: An Inexpensive Alternative to Central DEXA. Osteoporosis International. 2000, Volume 11, Supplement 2, No 327, P145. Presented Poster at the World Congress on Osteoporosis 2000. Meeting of International Osteoporosis Foundation and National Osteoporosis Foundation.
158. Gay D, Singh A. Limited usefulness of Quantitative Method for Myocardial Perfusion. Journal of Nuclear Medicine 2000, 41: No 751, p 163. Presented Poster at the Annual Society of Nuclear Medicine Meeting at Saint Louis, MO. June 2000.

159. Singh A. Rapid Gastric Emptying (RGE): Is this phenomenon related to Age, Sex, or Early Dumping Syndrome? Scientific Poster Presentation at the Annual Meeting of the American College of Gastroenterology(ACG), October 24, 2001 at Las Vegas, NV
160. Singh A. Simplified Protocol for identifying Gastroparesis and Gastric Emptying Response (GER) to Metoclopramide (Met): What factors determine GER to MET? Scientific Poster Presentation at the Annual Meeting of American College of Gastroenterology(ACG), October 24, 2001 at Los Vegas, NV
161. Is Peripheral DEXA useful for Osteoporosis Screening? Amolak Singh, MD, Paper presentation at the Annual Meeting of the Southern Medical Association (SMA). Presentation on November 11th, 2001, Nashville, TN. Published in Southern Medical Journal 2001, 94: S11
162. Accelerated Gastric Emptying: Clinical Value and its Relationship to Age and Gender. Amolak Singh, MD, and Rubin J. Singh. Paper presentation at Annual Meeting of Southern Medical Association (SMA). Presentation by first author scheduled on November 11th, 2001, Nashville, TN. Published in Southern Medical Journal 2001, 94: S12
163. Automated transient ischemic dilatation (TID), an unreliable index of myocardial ischemia. H. Gull, Amolak Singh, Danny Dang, Ben Greenspan. Poster at Society of Nuclear Medicine Meeting 2002 at LA. Journal of Nuclear Medicine 2002; 43: 178p (738)
164. Incidental Thyroid Uptake On F-18 FDG Whole Body Pet Imaging. B. Greenspan A. Thomas, K Lunceford, and A. Singh. Poster presentation at Academy of Molecular Imaging Annual Meeting at Orlando, Fl. March 27-30th, 2004
165. Increased incidence of heterogenous appearance of liver on whole body F-18 FDG PET imaging in heavier patients. Poster presentation at Southern Medical Association Meeting on November 10-13, 2004. Published in Southern Medical Journal 1004; 97: ps67
166. David WB, Rupright J, Johnstone B, Singh A. Poster "SPECT and PET Scans: Diagnostic Tools for Electrocution Brain Injury: A Case Series. Presentation at the American Academy of Physical Medicine and Rehabilitation (APM&R) Meeting, Philadelphia, 2005. Archives in Physical Medicine and Rehabilitation. Sept. 2005
167. Singh A. Late-Stage Diabetes Mellitus May Be The Most Common Cause Of Rapid Gastric Emptying (RGE) And Early Dumping Syndrome (EDS). Abstract Book page 222. Presented at 70th Annual Meeting of American College of Gastroenterology. Oct. 28-Nov. 2, 2005
168. Thomas A, Singh A. Amiodarone induced hyperthyroidism. Poster presented at the

Annual meeting of Southern Medical Association 2005 at San Antonio, TX

169. Geiger, TM, Miedema B, Awad Z, Thaler K, Burgard M, Singh A, Davis W. Prognostic indicators of Quality of life after cholecystectomy for biliary dyskinesia Missouri Chapter American College Of Surgeons. June 9-11, 2006 at the Lake Ozark, Missouri
170. Thomas A, Singh A, Greenspan B. Normal Liver Can Appear Non-Homogeneous in Heavier Patients on F-18 FDG-PET scans. Abstract Radiological Society of North America, Chicago, IL 2006
171. Singh A, Chen R, Farid R. Radionuclide Assessment of Baclofen Pump Catheter Malfunction. Poster presentation at Society of Nuclear Medicine Meeting June 5th 2006.
172. Singh A. Banding and Step Stair Artifacts on Cardiac-CT Caused By Pseudo-Ectopic Beats. Southern Medical Association 2009 Meeting. Poster presentation. Dallas, TX. December 2-5, 2009
173. DeMelo R, Singh A. Accuracy of F-18 FDG PET/CT in the Oncologic patients with Hyperglycemia. SMA annual meeting 2011 Williamsburg, Virginia
174. Targeted Gold-Gallium Nanoparticles for Molecular Imaging of EGFR-overexpressing Tumors. Silva F, Zombre A, Caldwell C, Campello C, Gano L, Singh A, Upendran A, and Kannan R. World Molecular Imaging Congress 2015 Honolulu-HI.
175. Hang Xu, Rajendra P Bandari, Ping Yud, Li Lee, Charles Smith, Michael R Aro, Amolak Singh, Timothy Hoffman, Lixin Ma. Title Bimodal MRI/Fluorescence Imaging Contrast Agent Targeting Human Prostate Cancer. Presented at VA Research Day September 2, 2015 at Columbia, MO 65212
176. Schuh R, Khan U, Amna A, Singh A. Marked F-18 FDG avidity in Hürthle Cell Carcinoma. Poster presented at the 2017 Southern Medical Association Meeting, St. Petersburg, FL

D. Invited Publications:

177. Singh A. Lung ventilation aerosol. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, New York: McGraw Hill, 1984; 277-279.
178. Singh A, Silberstein EB. Renal Transplant. Ln Silberstein EB, McAfee JG ed. Differential diagnosis in Nuclear Medicine, New York: McGraw Hill, 1984; 208-212.
179. Singh A, Cystography. In Silberstein EB, McAfee JG eds. Differential diagnosis in

Nuclear Medicine, New York: McGraw Hill, 1984; 713-214

180. Singh A, Silberstein EB. Blood volume. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, New York: McGraw Hill, 1984: 223-225.
181. Singh A, Silberstein EB. Ferrokinetics. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, New York: McGraw Hill, 1984; 77.E-777
182. Singh A, Silberstein EB. Lung perfusion. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, New York: McGraw Hill, 1984; 264-274.
183. Singh A, Silberstein EB, Saha S. Ectopic gastric mucosa. In Silberstein EB McAfee JG eds. Differential diagnosis in Nuclear Medicine, New York: McGraw Hill, 1984; 150-152
184. Singh A, Silberstein EB. Pancreas. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine. New York: McGraw Hill, 1984; 187-189.
185. Singh A, Silberstein EB. Bile acid Breath test. In Silberstein, McAfee ed. Differential diagnosis in Nuclear Medicine, New York: McGraw Hill, 1984; 190-191.
186. Singh A, Silberstein EB. Parathyroid. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, New York, McGraw Hill, 1984; 110-111.
187. Silberstein EB, Singh A. Shortened Cr-51 red cell survival. In Silberstein, McAfee JG eds Differential diagnosis in Nuclear Medicine, N.Y., McGraw Hill, 1984:221-222.
188. Silberstein EB, Singh A. Chromium-51 red cell sequestration. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, New York, McGraw Hill, 1984
189. Singh A, Silberstein EB. Shortened Cr-51 platelet survival. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, McGraw Hill, 1984; 227-230.
190. Silberstein EB, Singh A. Schilling Test. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, McGraw Hill, 1984; 219-220.
191. Silberstein EB, Singh A. Stomach. In Silberstein EB, McAfee JG eds. Differential diagnosis in Nuclear Medicine, McGraw Hill, 1984; 149-150.

192. Holmes RA, Hoffman TJ, Ville G, Fuentes R, Singh A. "Normal Ceretec study" SPECT brain imaging with Ceretec. Clinician's Guide, Published by Amersham Corporation, Nov 89.
193. Singh A. Peritoneovenous shunts: Patency studies. In Henkin R ed. Nuclear Medicine: Principles and Practice, 1995; Mosby Publishers, PP 1041-1052
194. Singh A Metastatic Bone Pain Palliation with Sm-153 EDTMP. Proceedings of 25th annual meeting of American College of Nuclear Physicians, 1999
195. Singh A. Oncological Applications of PET, in Oncology Review, September 2004 EFCC and University of Missouri-Columbia
196. Singh A. Peritoneovenous Shunt Patency Studies. In Henkin R ed. Nuclear Medicine: Principles and Practice. Published 2006-2007. Mosby Publishers.