

**Name:**

**Shivanand Gamanagatti, M.D (Radiodiagnosis)**

**Date of Birth**

22-07-1975

**Postion;**

Assistant Professor

**Institute:**

JPNA Trauma Centre , All India Institute of Medical Sciences, New Delhi, India.

**Clinical Interests:**

Hepatobiliary, MSK Imaging and Interventional Radiology

**Medical School:**

Karnataka Institute of Medical Sciences, Hubli, Karnataka, India, 1998

**Internship:**

Karnataka Institute of Medical Sciences, Hubli, Karnataka, India, 1999

**Junior Residency:**

All India Institute of Medical Sciences, New Delhi, India.2002

**Senior Residency:**

All India Institute of Medical Sciences, New Delhi, India., 2005

**Speciality Boards:**

M.D Radiodiagnosis, Medical Council of India. 2002

**Societies and Organisation:**

- Indian Radiological Imaging Association (IRIA),
- Indian Society of Vascular And Interventional Radiology(ISVIR)

**Awards and Honours**

<b>2002</b>	<b>Professor Shyam Sharma Gold Medal</b> Best Post-Doctoral student in Radiology
<b>2006</b>	Editor's recognition Award for reviewing (European Journal of Radiology)
<b>2007</b>	Editor's recognition Award for reviewing (European Journal of Radiology)
<b>2009</b>	Member of National Academy Medical Sciences

**Editorial Positions**

- Editorial Member of International Journal of Bio Sciences and Technology
- Editorial Member of International Journal of Medical Sciences and Technology
- Editorial Member of International Journal of Life Sciences and Technology
- Editorial member of International Journal of BioSciences, Alternative and Holistic Medicine (JBSAHM)
- Editorial member of International Journal of Biological Sciences and Technology (IJBLST)
- Editorial member International Journal of BioSciences, Psychiatry and Technology (JBSPT)
- Editorial Member of World Journal of Radiology

**Contact:**

Shivanand Gamanagatti  
Assistant Professor  
Department of Radiodiagnosis  
All India Institute of Medical Sciences  
New Delhi-110029  
India  
Email: [shiv223@rediffmail.com](mailto:shiv223@rediffmail.com)

## Presentations at National and International Meetings

1. **Gamanagatti S**, Vashisht S, Kapoor A, Cumber S, Bal S. Abstract acceptance for oral presentation in American Roentgen Ray Society (ARRS) conference at Atlanta in April 2002 (Topic: Role of Graded Compression Sonography and Unenhanced helical CT in the evaluation of Acute appendicitis)
2. Vashisht S, **Gamanagatti S**, Kapoor A, Cumber S, Bal S Abstract acceptance for oral presentation in European congress of Radiology Conference at Vienna in March 2002 (Topic: Role Unenhanced helical CT in the evaluation of Acute appendicitis)
3. Debnath J, Sharma P, Goel JK, Das CJ, **Gamanagatti S**. Prenatal sonography in detection of cranio-spinal anomalies. 8<sup>th</sup> Annual Congress of Indian society of Neuroradiology 2005. 18<sup>th</sup> -20<sup>th</sup> November 2005, New Delhi, India (Proceedings Page 4)
4. Papillary Squamous cell carcinoma of Bronchus, was awarded best poster presentation, at XVIII Annual Conference of Indian Association of Pathologists and Microbiologists held in New Delhi, India
5. Unusual Parapagus Conjoined Twins- Issues in management, at Indian association of pediatric surgery annual conference held in Hyderabad, India
6. Role of Esophageal stenting in palliation of Esophageal carcinoma , at 6<sup>th</sup> Asia – Pacific Vascular and Interventional Radiological Conference held in New Delhi , India
7. Acromegaly with Empty sella and Sinonasal masses: Rare presentation of pituitary adenoma. ESICON 2004, Guwahati, India. 34<sup>th</sup> National conference of endocrine society. November 2004.
8. Subramanian S, **Gamanagatti S**, Sharma R, Debnath J, Gunabushanam G. Spectrum of MR Imaging findings in CNS infections. 8<sup>th</sup> Annual Congress of Indian society of Neuroradiology 2005. 18<sup>th</sup> -20<sup>th</sup> November 2005, New Delhi, India (Proceedings Page 38)
9. Jain V, Debnath J, Ahuj J, Sharma R, **Gamanagatti S**, Mukhopadhyay S. MR Imaging Spectrum of Neurocysticercosis. 8<sup>th</sup> Annual Congress of Indian society of Neuroradiology 2005. 18<sup>th</sup> -20<sup>th</sup> November 2005, New Delhi, India (Proceedings Page 42)
10. Jain V, Debnath J, Ahuj J, Sharma R, **Gamanagatti S**, Mukhopadhyay S. MR Imaging Spectrum of CNS manifestations of AIDS. 8<sup>th</sup> Annual Congress of Indian society of Neuroradiology 2005. 18<sup>th</sup> - 20<sup>th</sup> November 2005, New Delhi, India (Proceedings Page 47)
11. Kandpal H, Sharma R, **Gamanagatti S**, Srivastava DN, Vashisht S. Imaging Inferior vena cava : A Road Less Travelled” at Annual RSNA Conference 2006
12. S.R. Gamanagatti<sup>1</sup>, S.B. Paul<sup>1</sup>, K. Madan<sup>1</sup>, C.S. Baba<sup>1</sup>, K.S. Madhusudhan<sup>1</sup>, M.S. Gulati<sup>2</sup>, S.K. Acharya<sup>1</sup>; Recognizing extrahepatic arterial supply to hepatocellular carcinomas for effective management by Transarterial Chemoembolisation. BSIR 2007, held 31<sup>st</sup> Oct -2<sup>nd</sup> Nov 2007 in Bournemouth UK
13. S.B. Paul<sup>1</sup>, M.S. Gulati<sup>2</sup>, S.R. Gamanagatti<sup>1</sup>, C.S. Baba<sup>1</sup>, K. Madan<sup>1</sup>, V. Sreenivas<sup>1</sup>, A.K. Gupta<sup>1</sup>, S.K. Acharya<sup>1</sup>. Percutaneous Acetic Acid Injection (PAI) For Small and Medium Hepatocellular Carcinoma (HCC). BSIR 2007, held 31<sup>st</sup> Oct -2<sup>nd</sup> Nov 2007 in Bournemouth UK
14. S. Subramanian, S. Gamanagatti, D.N. Srivastava, Z. Abbas, P. Garg .Vascular and nonvascular interventions in pancreatitis. C-541. ECR 2008, 7 - 11 March 2008 held in Vienna
15. Deepak Gupta, Seema Mishra, Sushma Bhatnagar, Vaibhav Jain\*, Shivanand Gamanagatti. Trial of Angioembolization of Advanced Stage Tumors' Feeding Arteries exemplifying Aggressive and Active Interventional Palliation: An Experience of Hospital-Based In-Patient Palliative Care Facility. 6th conference on “Evidence Based Management of Cancers in India” held from the 29th Feb -2nd March 2008 in Mumbai.

- 16.** S.R. Gamanagatti<sup>1</sup>, S.B. Paul<sup>1</sup>, K. Madan<sup>1</sup>, C.S. Baba<sup>1</sup>, K.S. Madhusudhan<sup>1</sup>, M.S. Gulati<sup>2</sup>, S.K. Acharya<sup>1</sup>; Recognising Extrahepatic Collateral Supply to Large Unresectable Hepatocellular Carcinomas for Effective Management by Transarterial Chemoembolisation . Presented at Asia Pacific Association For Study Of Liver (APASL), Seoul, 27-30th March 2008.
- 17.** Suneel Chakravarty M, Paul SB, Gamanagatti SR, Madan K ,Sreenivasa Baba C and Acharya SK . Management of Hepatocellular carcinoma in the background of Hepatic venous outflow tract obstruction: an encouraging experience. Presented at the 48th annual conference of the Indian Society of Gastroenterology (ISGCON), Nov 2007, at Bangalore,
- 18.** S.R. Gamanagatti<sup>1</sup>, S.B. Paul<sup>1</sup>, K. Madan<sup>1</sup>, C.S. Baba<sup>1</sup>, K.S. Madhusudhan<sup>1</sup>, M.S. Gulati<sup>2</sup>, S.K. Acharya<sup>1</sup>; Recognising Extrahepatic Collateral Supply to Large Unresectable Hepatocellular Carcinomas for Effective Management by Transarterial Chemoembolisation . At 48th annual conference of the Indian Society of Gastroenterology (ISGCON), Nov 2007, Bangalore, and won the "Presidential poster award"
- 19.** Paul SB, Gamanagatti SR, Sreenivas V, Gulati MS, Gupta AK, Acharya SK. Does imaging differentiate between hepatocellular carcinoma of hepatitis B or C virus origin? At Annual conference of Asia Pacific digestive week, held in New Delhi on September 13<sup>th</sup> to 16<sup>th</sup> , 2008
- 20.** Paul SB, Gamanagatti SR, Sreenivas V, Madan K, Baba CS, Gulati MS, Gupta AK, Acharya SK. Serum leptin does not correlate with hepatic fibrosis in patients with non alcoholic fatty liver disease (NAFLD) and chronic hepatitis C (CHC) At Annual conference of Asia Pacific digestive week, held in New Delhi on September 13<sup>th</sup> to 16<sup>th</sup> , 2008
- 21.** Efficacy of transarterial chemoembolisation (TACE) for hepatocellular carcinoma (HCC): experience from a tertiary care centre in India. At Annual conference of Asia Pacific digestive week, held in New Delhi on September 13<sup>th</sup> to 16<sup>th</sup> , 2008

#### Abstracts

1. Vashisht S, Gamanagatti S, Kapoor A, Chumber S, Bal S. Role Unenhanced helical CT in the evaluation of Acute appendicitis. Eur Radiol 2002 Feb;12 Supplement 1: 105-332
2. Gamanagatti S, Vashisht S, Kapoor A, Chumber S, Bal S. Role of Graded Compression Sonography and Unenhanced helical CT in the evaluation of Acute appendicitis. AJR Am J Roentgenol. 2002 Mar; 178(3 Suppl):1-108
3. Vashisht S. Gamanagatti S.; Kapoor A.; Chumber S.; Bal S.; Role of Graded Compression Sonography and Unenhanced Helical CT in Patients with Suspected Acute Appendicitis. JR Am J Roentgenol 2006 Apr; 186 (4) supplement: 197
4. Paul SB, , Gamanagatti SR., Madan K ,Sreenivasa Baba C, Madhusudhan KS, Gulati MS and Acharya SK. Recognising Extrahepatic Collateral Supply to Large Unresectable Hepatocellular Carcinomas for Effective Management by Transarterial Chemoembolisation . Hepatology International 2008 , March, vol 2, pp A 257
5. Suneel Chakravarty M, Paul SB, Gamanagatti SR, Madan K ,Sreenivasa Baba C and Acharya SK. Management of Hepatocellular carcinoma in the background of Hepatic venous outflow tract obstruction: an encouraging experience. Indian J Gastroenterology
6. Paul SB, , Gamanagatti SR., Madan K ,Sreenivasa Baba C, Madhusudhan KS, Gulati MS and Acharya SK. Recognising Extrahepatic Collateral Supply to Large Unresectable Hepatocellular Carcinomas for Effective Management by Transarterial Chemoembolisation
7. S. Subramanian, S. Gamanagatti, D.N. Srivastava, Z. Abbas, P. Garg .Vascular and nonvascular interventions in pancreatitis. Eur Radiol 2008 Feb;18 Supplement 1.

8. Paul SB, **Gamanagatti SR**, Sreenivas V, Gulati MS, Gupta AK, Acharya SK. Does imaging differentiate between hepatocellular carcinoma of hepatitis B or C virus origin? Journal of Gastroenterology and Hepatology 2008;23 (suppl.5)A55
9. Paul SB, **Gamanagatti SR**, Sreenivas V, Madan K, Baba CS, Gulati MS, Gupta AK, Acharya SK. Serum leptin does not correlate with hepatic fibrosis in patients with non alcoholic fatty liver disease (NAFLD) and chronic hepatitis C (CHC). Journal of Gastroenterology and Hepatology 2008;23 (suppl.5)A 65
10. Paul SB, **Gamanagatti SR**, Sreenivas V, Madan K, Baba CS, Gulati MS, Gupta AK, Acharya SK. Efficacy of transarterial chemoembolisation (TACE) for hepatocellular carcinoma (HCC): experience from a tertiary care centre in India. Journal of Gastroenterology and Hepatology 2008;23 (suppl.5)A 65

## Bibliography

1. **Shivanand G**, Seema S, Srivastava DN, Pande GK, Sahni P, Prasad R, Ramachandra N. Gastric Volvulus: Acute and Chronic presentation, Clin Imaging. 2003 Jul-Aug;27(4):265-8.
2. **Shivanand G\*\***, Srivastava DN. Melorheostosis with Scleroderma, Clinical Imaging, 2003;28(3):214-215
3. Hiralal, **S. Gamanagatti**, D. N. Srivastava and P. Venkatesh. Imaging Findings of Optic Nerve Cysticercosis, Clinical Radiology, 2003 April: 58(4); 27-28.
4. Nallegowda M, Singh U, **Shivananda**, Shukla R, Kabra M. A Case of Dextrocardia, Radial Ray Malformation with Renal anomaly, Clinical Dysmorphology, Clin Dysmorphol. 2003 Oct;12(4):285-6.
5. **G. Shivanand\*\***, Mukhophadyay and S. Vashisht An Unusual Cause of Recurrent Respiratory Tract Infection: Unilateral Pulmonary Agenesis, European Journal of Radiology @EXTRA. 2003 Dec;48(3);67-69.
6. **Gamanagatti S\*\***, Srivastava DN, Seth H, Seth A. Spontaneous Resolution of Bladder Adenocarcinoma, International Urology and Nephrology. 2003 ; **35** (3): 351-353
7. **Gamanagatti S\*\***, Hiralal. Ultrasonographic Diagnosis of Gangrenous Cholecystitis. Asian Ocean Journal of Radiology, 2003 Apr-Jun: 8(2);74-76.
8. **Gamanagatti S\*\***, Hiralal. Images: Pyeronie's disease, Indian Journal of Radiology Imaging, 2003 :13(2);155.
9. Hiralal, **Shivanand Gamanagatti\*\***, Rachna Garg, Rajesh Malhotra. Imaging of arthritis Orthopedics Today, 2004 Jan-Mar: VI(1);31-38
10. **S. Gamanagatti\*\***, R. Sharma, R. Goswami and B. A. Laway, Carmurati- Engelmann Disease with Metaphyseal Involvement: Corticosteroid Therapy. European Journal of Radiology @EXTRA . 2004 March: 49(3); 93-96.
11. **G. Shivanand\*\***, R. Sharma, S. Mukhophadyay and Kuldeep. Pulmonary Lymphangiomyomatosis associated with bilateral giant renal Angiomyolipomas, European Journal of Radiology @EXTRA .2004 March: 49(3); 89-91.
12. **G. Shivanand\*\***, S Bandhu, Sunesh Kumar and Amit Kumar Dinda. Xanthogranulomatous Pyelonephritis in pelvic kidney mimicking Dermoid cyst- An atypical Presentation. European Journal of Radiology @ EXTRA.2004 April :50(1);9-11
13. Hiralal, **Shivanand Gamanagatti\*\***. Diaphyseal Osteosarcoma, Orthopedics Today, 2004 Apr-Jun : VI(2);138

14. **Shivanand Gamanagatti\*\***, Hiralal and Sanjay Thulkar. Giant cell tumor of rib. European Journal of Radiology @ EXTRA. 2004: 51(2);83-85
15. A. Kapoor, **S. Gamanagatti\*\***, R. Sharma. Renal cell carcinoma (RCC) in autosomal dominant polycystic kidney disease (ADPKD). European Journal of Radiology @ EXTRA. 2004: 51(2);87-89.
16. **Shivanand Gamanagatti \*\***, Bhuvnesh Guglani and Namita Singh. Large bursa associated with osteochondroma of ventral surface of scapula. European Journal of Radiology @ EXTRA 2004; 51(3):103-105.
17. **Gamanagatti Shivanand \*\***, Hiralal, Deep Narayana Srivastava, Girish K. Pande, I Satish Rao. Duodenal Bulb Carcinoid Tumor: CT and Endosonographic Findings. European Journal of Radiology @ EXTRA 2004; 51 (3):113-117.
18. Sharma R, **Gamanagatti S**. Role of MR imaging in Pediatric Surgery. Indian Journal of Pediatrics 2004 :71;37-51
19. **Gamanagatti Shivanand \*\***, Deep Narayana Srivastava, Hiralal, Bhuvnesh Guglani. Ultrasonographic diagnosis of Subretinal Cysticercosis. European Journal of Radiology @ EXTRA 2004 :52(1);13-15.
20. S. Sharma, B. Guglani, **S. Gamagati**, S. K. Sharma, M. Vijayraghavan, A. Nayak and N. P. Gupta. Metastatic nodal calcification in aggressive chromophobe renal cell carcinoma. Clinical Radiology @Extra 2004: 59(12);128-132
21. **Gamanagatti Shivanand \*\***, Deep Narayana Srivastava, Hiralal and S. Subramanian. Ultrasonographic diagnosis of ectopic twin pregnancy European Journal of Radiology @ EXTRA. 2004 : 52 (3);127-128.
22. **Shivanand Gamanagatti \*\***, Deep Narayana Srivastava, Madhulika Kabra and Bhuvnesh Guglani. Congenital Synspondylism with unilateral unsegmented Bar: Report of two Cases. European Journal of Radiology @ EXTRA 2005:53(1);43-46
23. **Gamanagatti S \*\***, Sharma R, Hatimota P, Guleria R, Arvind S. Giant Thymolipoma : **AJR view Box** AJR Am J Roentgenol. 2005 Jul;185(1):283-4.
24. Khandpal H, Gulati MS, **Gamanagathi S**, Bhalla A. Intravascular Catheter Fragment: A New Method for Percutaneous Removal. Cardiovasc Intervent Radiol. 2005 (Sep 27)
25. **Gamanagatti S \*\***, Garg R, Srivastava DN, Gupta A, Aggarwal S. Spinal Dysraphism with Accessory thigh. Pediatric Radiology, Pediatr Radiol. 2003 Nov;33(11):809-10 **Letter to Editor**
26. **Gamanagathi S**, Gulati MS, Hepato-Biliary Imaging: A zenith yet to come. Tropical Gastroenterology 2004;July-Sept: 1- 3. **Editorials**
27. M Nallegowda, U Singh, Dr M Khanna, **Shivananda G**, SL Yadav. An Unusual case of Scaphoid Fracture with Both Fragments Avascular Necrosis with Delayed Carpal Tunnel Syndrome. *IJPMR* October 2005; 16 (2): 50-53
28. Gogia N, Sharma R, **Gamangatti S**, Seenu V, Madhusudhan KS, Parshad R. Hepatic hydatid cysts with biliary, and peritoneal rupture and transdiaphragmatic migration. Trop Gastroenterol. 2006 Apr-Jun;27(2):93-6
29. Sharma R, **Shivanand G**, Kumar R, Prem S, Kandpal H, Das CJ, Sharma MC. Isolated renal mucormycosis: an unusual cause of acute renal infarction in a boy with aplastic anaemia. Br J Radiol. 2006 Jul;79(943):e19-21

30. **Gamanagatti S\*\***, Kandpal H. MR imaging of cerebral malaria in a child. *Eur J Radiol.* 2006 Jun 30
31. Subramanian S, Sharma R, **Gamanagatti S**, Agarwala S, Gupta P, Kumar S. Antenatal MR diagnosis of urinary hydrometrocolpos due to urogenital sinus. *Pediatr Radiol.* 2006 Jun 30
32. Das CJ, Seith A, **Gamanagatti S**, Goswami R. Ectopic Pituitary adenoma with Empty Sella. *AJR Am J Roentgenol.* *AJR* 2006; 186:1468–1469
33. **Gamanagatti S**, Subramanian S. Hypertensive encephalopathy: isolated pons involvement mimicking central pontine myelinolysis. *Korean J Radiol.* 2006 Jul-Sep; 7(3):218-9.
34. Subramanian S, **Gamanagatti S**, Sharma R. MR demonstration of a prostate gland in a female pseudohermaphrodite. *Pediatr Radiol.* 2006 Aug 16;
35. Hiralal, **Shivanand Gamanagatti**, Sahibinder Bhatti. Plasma cell tumors with calcified amyloid mimicking Chondrosarcoma. *European Journal of Radiology @ EXTRA.* 2006 : 59 (3);131-132
36. Gupta R, Sharma R, **Gamanagatti S**, Dogra PN, Kumar A. Unilateral Renal Lymphangiectasia: Imaging Appearance on Sonography, CT and MRI *Int Urol Nephrol.* 2006 Dec 14
37. **Shivanand Gamanagatti**, Harsh Kandpal, Viplab Mishra. Pancreatitis Complicated by Intrasplenic and Intrahepatic Pseudocysts *European Journal of Radiology Extra,*2006: 60 (1) 29-31
38. Neyaz Z, Srivastava DN, Thulkar S, Bandhu S, **Gamanagatti S**, Julka PK, Chattopadhyaya TK. Radiological evaluation of covered self-expandable metallic stents used for palliation in patients with malignant esophageal strictures. *Acta Radiol.* 2007 Mar;48(2):156-64.
39. **Gamanagatti S**, Vashisht S, Kapoor A, Chumber S, Bal S. Comparison of graded compression ultrasonography and unenhanced spiral computed tomography in the diagnosis of acute appendicitis. *Singapore Med J.* 2007 Jan;48(1):80-7.
40. Hiralal, **Gamanagatti S**, Thulkar S, Rao SK. Desmoplastic round cell tumour of the abdomen. *Singapore Med J.* 2007 Jan;48(1):e19-21.
41. Wechalekar M, Falodia S, **Gamanagatti S**, Makharia GK. An extension of pancreatic pseudocysts in the neck. *Pancreas.* 2007 Jan;34(1):171-3.
42. Vaibhav Jain, Shivanand Gamanagatti. Bye Bye Birdie. *Inner Vision. Radiographics* 2007 dApr ; 27 (2): 342
43. **Gamanagatti S**. Kandpal H. Gastric teratoma. *Singapore Med J.* 2007 Apr;48(4):e99-101
44. **Shivanand G**. Jain V. Lal H. Progressive Pseudorheumatoid Chondrodysplasia. *Singapore Med J.* 2007 May; 48(5):e151-3.
45. **Shivanand G**. Kandpal H. Craniodiaphyseal Dysplasia: An unusual cause of recurrent dacrocystitis: *Indian J Ophthalmol.* 2007 May;55(3):219-21
46. Jain V, **Gamanagatti S R**, Gadodia A, Kataria P, Bhatti S S. Non-familial cherubism. *Singapore Med J* 2007; 48(9) : e253
47. TP Jain, DN Srivastava, R Mittal, **S Gamanagatti**. Fibrolipomatous hamartoma of median nerve. *Australasian Radiology* 2007;51 (s1), B98–B100
48. Madhusudhan KS, **Gamanagatti S**, Seith A, Hari S. Pulmonary infections mimicking cancer: report of four cases. *Singapore Med J.* 2007 Dec;48(12):e327-31.

49. Subramanian S, Kandpal H, Sharma R, Pushkar N, Sen S, **Gamanagatti S**, Vashist S. Invasive sinus aspergillosis with perineural spread in an immunocompetent patient. *Australas Radiol.* 2007 Dec;51 Suppl:B189-92.
50. Subramanian S, **Gamanagatti S**, Sinha A, Sampangi R. Kniest syndrome. *Indian Pediatr.* 2007 Dec;44(12):931-3.
51. Madhusudhan KS, **Gamanagatti S**. Primary breast tuberculosis masquerading as carcinoma. *Singapore Med J.* 2008 Jan;49(1):e3-5.
52. Neyaz Z, Gadodia A, **Gamanagatti S**, Mukhopadhyay S. Radiographical approach to jaw lesions. *Singapore Med J.* 2008 Feb;49(2):165-76;
53. Neyaz Z, Gadodia A, **Gamanagatti S**, Sarthi M. Imaging findings of congenital tuberculosis in three infants. *Singapore Med J.* 2008 Feb;49(2):e42-6.
54. **Gamanagatti S**, Nayaz Z. A child with cerebellar ataxia. *Br J Radiol.* 2008 Jan;81(961):82-4.
55. Hallenbeck J, Gupta D, Mishra S, Bhatnagar S, Jain V, **Gamanagatti S**. Trial of angioembolization of advanced stage tumors feeding arteries exemplifying aggressive and active interventional palliation. *J Palliat Med* 2008 Mar-Apr;11(2):250-3
56. Yadav R, Gupta NP, **Gamanagatti S**, Yadav P, Kumar R, Seith A. Supra-twelfth supracostal access: when and where to puncture? *J Endourol.* 2008 Jun;22(6):1209-12.
57. **Gamanagatti S**, Kumar S. Acute abdomen after the termination of pregnancy. *Br J Radiol.* 2008 Sep;81(969):758-9.
58. Khan SA, Thulkar S, **Shivanand G**, Kumar A, Varshney MK, Yadav CS, Rastogi S, Sharma DN. Computed tomography-guided radiofrequency ablation of osteoid osteomas. *J Orthop Surg (Hong Kong).* 2008 Aug;16(2):179-81.
59. Kumble S Madhusudhan, **Shivanand Gamanagatti**. An uncommon cause of right hypochondriac pain. *Saudi J Gastro* Jan 2009 15(1):70-71(Radiology Quiz)
60. Paul SB, Chalamalasetty SB, Vishnubhatla S, Madan K, **Gamanagatti SR**, Batra Y, Gupta SD, Panda SK, Acharya SK. Clinical Profile, Etiology and Therapeutic Outcome in 324 Hepatocellular Carcinoma Patients at a Tertiary Care Center in India. *Oncology.* 2009 Jul 28;77(3-4):162-171
61. Gadodia A, **Gamanagatti S**, Neyaz Z. Segmental cystic renal disease: Sonographic and CT findings. *J Clin Ultrasound.* 2009 Sep 15.
62. Kumar A, Kumar J, Garg M, Farooque K, **Gamanagatti S**, Sharma V. Posttraumatic subacute ascending myelopathy in a 24-year-old male patient. *Emerg Radiol.* 2009 Sep 4.
63. Bajpai J, Sharma M, Sreenivas V, Kumar R, **Gamanagatti S**, Khan SA, Rastogi S, Malhotra A, Bakhshi S. VEGF expression as a prognostic marker in osteosarcoma. *Pediatr Blood Cancer.* 2009 Dec;53(6):1035-9.

#### Lectures delivered

1. Oncoimaging – evidence based Management of Cancers in India held in Gwalior Jan 2006
2. Imaging of Neck- Indian society of nuclear medicine, held at AIIMS, March 2006
3. Non vascular abdominal Interventions- CME on Body Imaging and Interventions held in AIIMS, New Delhi from March 2007.
4. Portal vein embolisation – Live Video demonstration at XVII National Conference of the IASG was held at the AIIMS in New Delhi from 29<sup>th</sup> September, through 1<sup>st</sup> October 2007
5. Transarterial Chemoembolisation with DC beads – at 6<sup>th</sup> conference on evidence based Management of Cancers in India- Interventional Radiology in Oncology, held in TMH in Mumbai on Feb 29-March 2, 2008

6. Complication of Transarterial chemoembolisation at annual registry meet combined with symposium on “ Clinical Practice Guidelines for Evidence-based Management in Cardiovascular & Interventional Radiology” at AIIMS, New Delhi on April 26 and 27, 2008
7. Radiology of Obscure gastrointestinal bleed : At Annual conference of Asia Pacific digestive week, held in New Delhi on September 13<sup>th</sup> to 16<sup>th</sup> , 2008
8. Percutaneous nonvascular gastrointestinal interventions: “Gastrointestinal and hepatobiliary imaging” AIIMS-MAMC-PGI imaging course series (CME) held at AIIMS, New Delhi on October 24-25, 2008
9. Chemoembolisation of HCC: current status : At annual conference of ISVIR held in Mumbai from october31st to November 3<sup>rd</sup> , 2008

## 2009

10. **Vascular Interventions of Genitourinary tract:** 3<sup>rd</sup> edition Jaypee Brothers : “**Urogenital imaging**” AIIMS-MAMC-PGI imaging course series: 2009 (CME) held at PGI Chandigarh, on April 02-03, 2009
11. **Percutaneous Vertebroplasty Vs Percutaneous Kyphoplasty** at annual registry meet cum complication meeting combined with CME on “ Advances in interventional Radiology Lessons from Trials and Registries” held at AIIMS, New Delhi on April 25 and 26, 2009

## BOOK CHAPTERS

1. Sharma R, **Gamanagatti S**. Body MR Imaging. In: Jagannathan NR (Eds). Biomedical Magnetic Resonance. New Delhi, Jaypee Brothers Medical Publishers (P) Ltd, 2005 : 257-312
2. Gupta AK, **Gamanagatti S**. Adolescent Radiology, 1<sup>st</sup> edition, Bhavé’s Textbook of Adolescent Medicine-Jay Pee Brothers: 2006; 685-708.
3. **Gamanagatti S**, Srivastava DN. **Percutaneous Nonvascular Gastrointestinal Interventions:** 3<sup>rd</sup> edition Jaypee Brothers : “**Gastrointestinal and hepatobiliary imaging**” AIIMS-MAMC-PGI imaging course series: 2008;415-427
4. Srivastava DN, **Gamanagatti S**. **Gastrointestinal Hemorrhage:** 3<sup>rd</sup> edition Jaypee Brothers: “**Gastrointestinal and hepatobiliary imaging**” AIIMS-MAMC-PGI imaging course series: 2008;382-393
5. Srivastava DN, **Gamanagatti S**. **Interventional Treatment of Liver Tumors.** 3<sup>rd</sup> edition Jaypee Brothers: “**Gastrointestinal and hepatobiliary imaging**” AIIMS-MAMC-PGI imaging course series: 2008;403-414.
6. Paul SB, Gamanagatti S, Gupta AK, Acharya SK. **Clinical Aspects of Liver cirrhosis: A Prospective for the Radiologist:** 3<sup>rd</sup> edition, Jaypee Brothers: “**Gastrointestinal and hepatobiliary imaging**” AIIMS-MAMC-PGI imaging course series: 2008;292-304

## 2009

- a. **Gamanagatti S**, Srivastava DN. **Vascular Interventions of Genitourinary tract:** 3<sup>rd</sup> edition Jaypee Brothers : “**Urogenital imaging**” AIIMS-MAMC-PGI imaging course series: 2009
- b. Atin kumar, **Gamanagatti**. “**Imaging of Urogenital Trauma**” 3<sup>rd</sup> edition Jaypee Brothers : “**Urogenital imaging**” AIIMS-MAMC-PGI imaging course series: 2009

## Research

## Completed

1. Role of Graded compression sonography and Unenhanced helical CT in the evaluation of suspected acute appendicitis in 58 patients over a period of 2 years from September 1999 to August 2001
2. Role of Gd-BOPTA enhanced MRCP in assessment of biliary enteric anastomosis
3. Role of MR arthrography in the assessment of glenohumeral instability
4. Role of MDCT, Gadolinium enhanced MRI and PET CT in assessment of oral cancers
5. Regulation of Coagulation in orthopedic surgery to prevent DVT and pulmonary embolism
6. Comparison of Color doppler, CT portography and MR Portography in pediatric EHPVO
7. Role of FDG-PET and MRI in assessment of Osteosarcoma : Prechemotherapy and Post chemotherapy
8. Comparison of FDG-PET and Dynamic MRI in correlation of VEGF expression on tumour cells in patients with Osteosarcoma
9. MR imaging of wrist pain
10. Comparison of MDCT, MRI, Endoscopic Ultrasound and PET-CT in evaluation of suspected pancreatic neoplasm.
11. Comparison of minimally invasive techniques and conservative treatment in vertebral collapse

## Departmental projects (Ongoing)

- 1) Randomized controlled trial of Radiofrequency ablation versus Percutaneous acetic therapy for the treatment of small hepatocellular carcinoma
- 2) Randomized control trial of Transarterial chemoembolisation (TACE) versus TACE plus oral chemotherapy in the treatment of Unresectable Hepatocellular carcinoma.
- 3) Randomized control trial of Transarterial chemotherapy (TAC) versus Oral chemotherapy in the treatment of Unresectable Hepatocellular carcinoma.
- 4) Randomized Control Trial of N-Acetylcysteine in Prevention of Renal Failure in Hepatocellular Carcinoma patients undergoing Transarterial Chemotherapy and Transarterial Chemoembolisation.
- 5) Randomized control trial of Oral chemotherapy versus supportive therapy in the treatment of Unresectable Hepatocellular carcinoma.
- 6) A comparative Evaluation of changes in ultrasonographic dimensions of masseter muscle with EMG activity prior and subsequent to twin block therapy
- 7) Clinico-radiological evaluation of total knee arthroplasty short term retrospective-prospective study
- 8) Percutaneous management of malignant biliary obstructions
- 9) MRI evaluation of internal derangement of knee
- 10) Prospective imaging evaluation of vascular malformations of extremities
- 11) Arthroscopic and MR evaluation of elbow in patients with rheumatoid arthritis
- 12) USG evaluation of Intimal-medial thickness of carotid artery in patients with SLE
- 13) Comparative evaluation of image guided and palpation guided core biopsy of palpable breast masses
- 14) Radiofrequency ablation of varicose veins
- 15) MDCT and MRI evaluation of renal masses
- 16) MDCT evaluation of splenic injuries with endovascular management

- 17) MRI in avascular necrosis of hip and impact on patient management
- 18) Pattern of peripheral arterial diseases in tertiary care surgical practice (Indian scenario)
- 19) Safety and efficacy of autologous stem cells in prevention of amputation in patients with chronic critical limb ischemia
- 20) Percutaneous radiofrequency ablation of benign bone tumors and metastasis
- 21) Estimation of standard liver volume in the Indian population
- 22) Role of intraoperative ultrasound in GI malignancies: comparison with conventional imaging techniques