

## Dr Ruchi Gupta

Assistant Professor

MD (radiodiagnosis) from B J Medical College, Ahmadabad

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### **PROFESSIONAL MEMBERSHIP:**

- Indian Radiological Imaging Association.

### **Professional experience:**

Cross-sectional imaging (CT and MRI), Ultrasonography, Doppler along with USG and CT guided interventions. Cardiac, gastro and neuro-imaging, body imaging, ENT imaging, multi-parametric MRI of breast and prostate, perfusion studies of brain, along with CT angiography on 256 Slice CT and 1.5T/3T MRI scanner. CT Fluoroscopic biopsy procedures and mammography & stereotactic interventions.

**Areas of interest:** include breast imaging, onco imaging and women imaging and their guided interventions.

### **PUBLICATIONS**

- 1 Gupta R, Sinha N, Kumar P, Bhadani P, Rai DK, Kumar S. Intermittent CT fluoroscopic guided lung biopsy- Retrospective analysis of success rate, radiation exposure, complications and duration of procedure. J Xray Sci Technol. 2019;27(2):287-296.
2. Gupta R, Kumar S, Kumar P, Sinha N, Nischal N, Anand A. COMPUTED TOMOGRAPHY (CT) GUIDED BIOPSY USING ROBOTIC GUIDANCE SYSTEM- A PILOT STUDY. International Journal of Current Research 2017;9: 59245-47.
3. Gupta R, Smita S, Sinha R, Sinha N, Sinha L. Giant fibroepithelial polyp of the thigh and retroperitoneal fibromatosis in a young woman: a rare case. Skeletal Radiol 2018. <https://doi.org/10.1007/s00256-018-2904-x>.
4. Congenital infiltrating lipomatosis of the face with Temporomandibular joint ankylosis- A case report, accepted in National journal of Maxillofacial Surgery, yet to be published.
5. Gupta R, Kunal K, Kumar S, Sinha N, Anand A. Neuropathic Shoulder Joint Associated with Syringa and Chiari Malformation Type I Clinically Masquerading as Malignancy - A Case Report. Journal of Clinical and Diagnostic Research 2018;12:01-03.
6. Kumar P, Singh V, Gupta R. A Case Series of Laparoscopic Management of Varied Presentations of Hydatid Cyst. Ann Clin Cytol Pathol 2017;3:01-04.
7. Bhadani PP, Smita S, Gupta R, Sinha RK, Jamal I. Microfilaria in Fine Needle Aspiration Cytology of Breast Lump: An Unusual Incidental Finding. Indian Journal of Pathology: Research and Practice 2017;6: 321-25.
8. Bhadani PP, Smita S, Jamal I, Kumar SK, Gupta R. Diagnostic Importance of Fine Needle Aspiration Cytology in Diagnosing Pleomorphic Adenoma at Unusual Locations with Literature Review. Indian Journal of Pathology: Research and Practice 2017;6: 806-12.
9. Nischal N, Arya S, Gupta R, Goyal N, Puri SK. Aortopulmonary Window: Case Report of Survival in Untreated Adult Patient. Journal of Clinical and Diagnostic Research 2018;12:03-04.
10. Shuchismita, Singh GR, Gupta A, Gupta R, Agarwal P, Narayan S. C.T. guided fine needle aspiration cytology of localised lung lesions: cytological versus radiological correlation. Indian journal of Applied Research 2017;7:01-03.

### **ONGOING RESEARCH PROJECTS**

1. MRI study of perianal fistulas in clinically symptomatic patients and correlation with X-Ray fistulography and surgical findings.
2. MRI study of Internal Derangement of Temporomandibular Joint in clinically symptomatic patients.
3. Radiation exposure and image quality of low dose computed tomography (CT) of paranasal sinuses (PNS) using iterative reconstructions (IR).

## **PRESENTATION IN CONFERENCES:**

### **NATIONAL**

#### Scientific paper:

1. Intermittent CT fluoroscopy guided lung biopsy- Retrospective analysis of success rate, radiation exposure, complications and duration of procedure, presented at AOCR 2018, INDIA.
2. Role of MDCT in non-traumatic acute abdominal pathologies, presented at the 66<sup>th</sup> annual conference of IRIA, 2013 at Indore, India.

#### Poster presentation:

1. Role of imaging in small round blue cell tumors. presented at 66th annual conference of IRIA, 2013 at Indore, India.
2. Various appearances of the testicular and scrotal lesions on USG presented at CME on Advancement in Radiology, RIA - Gujarat chapter, 2012 at Ahmedabad, India.

### **INTERNATIONAL**

#### Poster presentation

1. Benign lesions of mandible – Imaging findings using MDCT with Histo-pathological correlation. ECR 2018
2. Spectrum of pancreatitis associated complications using MDCT as diagnostic modality. KCR 2016
3. Spectrum of congenital spinal anomalies with MRI as diagnostic modality. KCR 2015
4. Spectrum of peripheral vascular diseases with MDCT angiography as diagnostic modality. KCR 2015
5. Peripheral pseudoaneurysm: Imaging Perspective with focus on multi-detector CT angiography (MDCTA). RSNA 2015