

## FORMAT FOR FACULTY DETAILS AT UCMS WEBSITE



### 1. Personal details:

Name: **Dr Anupama Tandon**

Designation: **Professor (CAS)**

Degree: **MBBS, MD (Radio-diagnosis)**

Department: **Radio-diagnosis**

### Areas of interest: (Max 3 bullets) :

- Musculoskeletal ultrasound and interventions
- Women Imaging- particularly breast imaging
- Radiation Biology- effect of low level radiation at cellular level

### 2. Education and Training: (in ascending order)

Degree	Institution	Place	Period
MBBS	Maulana Azad Medical College	New Delhi	1991- 1995
MD Radio-diagnosis	VMMC & Safdarjung Hospital	New Delhi	1997-2000

### 3. Experience: (in ascending order)

S. No.	Post	Institute	Period From - To
1.	Senior Resident	PGIMER Chandigarh	2000-2001
2.	Senior Resident	VMMC & Safdarjung Hospital, New Delhi	2001-2003
3.	Consultant	Col Pant Imaging Centre, New Delhi	2003-2005
4.	Lecturer	University College of Medical Sciences& GTB Hospital, Delhi	June 2005-June 2006
5.	Lecturer in Senior scale		June2010-June 2013
6.	Reader		June 2013- June 2016
7.	Associate Professor (CAS)		June 2016 till date
8.	Professor (CAS)		

#### 4. Assignment in Academic Associations

S. No.	Nature of assignment	Association	Period From To
1.	Joint Secretary & Editor	Musculoskeletal Ultrasound Society	2018-2019
2.	Reviewer	British Journal of Radiology	2015- till date
3.	Member	National academy of Medical Sciences (India)	2008
4.	In Speaker Bank	<b>Indian College of Radiology</b>	<b>Since 2014</b>
5.	Executive Member	<b>Indian Radiology &amp; Imaging Association (Delhi)</b>	<b>2011</b>

#### 5. Awards and Honors:

- Awarded the Mihir Mitter Memorial Oration of Indian College of Radiology in 2013
- Awarded membership of National Academy of Medical Sciences (India) in 2008
- Distinction in Anatomy, Physiology in first Professional examination and Ophthalmology in final Professional examination during MBBS.
- Awarded young scientist fellowship by NAMS for Interventional Radiology observership at AIIMS in 2011.

#### 6. Projects

##### a. Ongoing

S. No.	Title	Funding Agency	Period From To	Grant in Rs.
1.	To study the DNA damage and repair mechanism in the patients undergoing multi detector computed tomography (MDCT)	ICMR	2019 (ongoing)	16 lacs 50 thousand approx
2.	Role of low dose CT perfusion imaging in evaluation of breast cancer using 64 slice MDCT: A pilot study	ICMR	2019-2021 (ongoing)	50 thousand

##### b. Completed

S. No.	Title	Funding Agency	Period From To	Grant in Rs.
1.	Leucocyte DNA Damage as a biomarker for radiation exposure in patients undergoing MDCT examination	AERB	2012-2016 (Completed)	16 lacs approx
2.	Sonographic evaluation in adhesive capsulitis of shoulder	ICMR	2011-2013 (completed)	50 thousand

#### 7. Publications:

a. Indexed journals: 65

b. Other journals: 05

c. Book chapters: 26

- d. Books - NA
- e. Others – NA

\* List in reverse chronological order, starting from most recent; ICMJE style

## 8. H Index – 11

### LIST OF PUBLICATIONS

1. Aggarwal A, Tandon A, Bhatt S, Aggarwal A, Dagar S, Bansal H. COVID19 pneumonia with cavitation and cystic lung changes: multidetector computed tomography spectrum of a gamut of etiologies. *BJR Open* 2021; 3: 20210007.
2. Yadav A, Tandon A. The influence of volumetric tumor doubling time on survival of patients with intracranial tumors. *International journal of scientific research* 2021 Volume 10, issue - 04 DOI : 10.36106/ijsr.
3. Rathore, A., Sharma, R., Kar, R. *et al.* Role of Cervical Phosphorylated Insulin-Like Growth Factor-Binding Protein 1 (phIGFBP1) for Prediction of Successful Induction Among Primigravida with Prolonged Pregnancy. *J Obstet Gynecol India* 71, 38–44 (2021). <https://doi.org/10.1007/s13224-020-01372-y>
4. Sabharwal T, Tandon A, Bhatt S, Gupta K. Voluminous Abdominopelvic Cystic Mass in an Adolescent Girl: Rare Presentation of Imperforate Hymen,. *Journal of Clinical Cases and Reports* 2020 4(S88);ISSN: 2582-0435
5. Tandon A, Khullar T, Maheshwari S, Bhatt S, Narang S. "High Resolution Ultrasound in Sub-clinical Diabetic Neuropathy: A Potential Screening Tool". *Ultrasound*. 1-12; 2020. Doi 10.1177/1742271X20958034.
6. Radhakrishnan G, Singla A, Jakhar M, Agarwal R, Tandon A, Madhu SV. Evaluation of endothelial function in obese and non obese women with polycystic ovarian syndrome. *Authorea*. February 18, 2020. DOI: 10.22541/au.158204173.38740096.
7. Bhatt S, Banerjee A, Tandon A, Dangwal S, Gupta A. Kaleidoscopic View Of Male Urethral Pathologies On 64 Slice Multi-detector CT Urethrography- A Novel Technique. *Journal: South African Journal of Radiology*, 2020 (Accepted).
8. Tandon A, Khuller T, Bhatt S. Sonography in acute ocular pathology: A kaleidoscopic view. *Emerg Radiol*. 2019 Apr 26(2):241-248.

9. Tandon A, Srivastava P, Manchanda S, Wadhwa N, Gupta N, Kaur N, Pant CS, Raj Pal, Bhatt S. Role of Sonography in Predicting the Hormone Receptor Status of Breast Cancer: A Prospective Study. *Journal of Diagnostic Medical Sonography*.2018 Volume: 34 issue: 1, page(s): 3-14.
10. Sihag P,Tandon A, Raj Pal, Jain BK, Bhatt S, Kaur S, Sinha A . Sonography in male infertility: a look beyond the obvious. *J Ultrasound*. 2018 Sep;21(3):265-276.
11. Bhayana H, Mishra P, Tandon A, Pankaj A, Pandey R, Malhotra R Ultrasound guided versus landmark guided corticosteroid injection in patients with rotator cuff syndrome: Randomised controlled trial. *J Clin Orthop Trauma*. 2018 Mar;9(Suppl 1):S80-S85
12. Kumar A, Mishra P, Tandon A, Arora R, Chadha M. Effect of CT on Management Plan in Malleolar Ankle Fractures.*Foot Ankle Int*. 2018 Jan; 39(1):59-66.
13. V Bajaj, R Anshuman, N Verma, MP Singh, A Tandon. Correlation of Foot Bimalleolar Angle and Ultrasonography in Assessing the Severity of Club Foot in Neonates Treated by the Ponseti Method. *Malaysian orthopaedic journal*, 2018, vol 12 (3):14-18.
14. Tandon A, Dewan S, Bhatt S, Jain AK, Kumari R. Sonography in diagnosis of adhesive capsulitis of the shoulder: a case–control study. *Journal of Ultrasound*. 2017; 20 (3): 227-236.
15. Jain P, Banerjee KK, Tyagi AK, Tandon A. Age of fusion of xiphisternum in Delhi City of India- A digital Radiographic study. *Journal of Forensic Medicine & Toxicology* 2017, 34(1); 15-19.
16. Bhatt S, Roy S, Bhardwaj N, Tandon A, Singh VK, Jain BK, Mandal S. Kaleidoscopic View of Bowel Tuberculosis on Multi-Detector Computed Tomography (CT) Enterography – A Novel Technique Unfolding an Archaic Disease. *Pol J Radiol*. 2017; 84: 783-791.DOI: 10.12659/PJR.903473.
17. Agarwal R, Chaudhary S, Kar R, Radhakrishnan G, Tandon A: Prediction of preeclampsia in primigravida in late first trimester using serum placental growth factor alone and by combination model, *Journal of Obstetrics and Gynaecology* 2017, DOI: 10.1080/01443615.2017.1309367.
18. Swaroop S, Bhatt S, Rawal R, Tandon A, Dangwal S. Tuberculosis a great masquerader; Unveiling rare sites of Musculoskeletal involvement through imaging- A Case series *South African Journal of Radiology*, 2020.,<https://doi.org/10.4102/sajr.v24i1.1919>.
19. Bhatt S, Sushila, Tandon A. Estimation of Radiation Dose in Coventional Radiography.*Journal of International Medical Sciences Academy* 2016: 29 (3); 146-150.
20. Chawla S, Bhatt S, Tandon A, Meena G, Dangwal S. Bilateral Hutch diverticula in an elderly male: Revelation of an unknown past. *South African Journal of Radiology*, 2020.
21. Bhatt S, Malla D, Tandon A, Mukhija D, Arora V. Tubercular retropharyngeal abscess in association with aberrant retropharyngeal internal carotid arteries- A rare entity: Imaging diagnosis and a word of caution. *Turk Arch of Otorhinolaryngol*. 2019; DOI: 10.5152/tao.2018.3684
22. Bhatt S, Swarup MS, Tandon A, Khular T, Dangwal S. Multi-detector CT Urethrography Diagnosis of an Urethro-cutaneous fistula and Associated Urethral Stricture: An Un-conventional Imaging Style. *Austin J Radiol-Vol. 6 Issue 1-2019*. ISSN: 2473-0637, Published 21st March, 2019

23. Bhatt S, Bhagat S, Tandon A and Bansal H. A Bizzare Foreign Body in Stomach. *Austin J Radiol.* 2019; 6(2): 1096. ISSN : 2473-0637 9.
24. Tandon A, Qureshi S, Ahmad I, Singh UR, Bhatt S. Unilateral autosomal dominant polycystic kidney disease with co-existent renal cell carcinoma: A rare entity. *Egyptian Journal of Radiology and Nuclear Medicine.* Volume 49, Issue 1, March 2018, Pages 245-248.
25. Swarup S M, Bhatt S, Tandon A, Mandal S. Segmental Hypoplasia of Liver: The Importance of Radiologic Recognition and Reporting despite masterly Inactivity. *Egyptian Journal of Radiology and Nuclear Medicine* 2018. doi.org/10.1016/j.ejrn.2017.11.001.
26. Pandhi D, Jakhar D, Tandon A, Singal A. Topical Timolol in Phaces syndrome: Is it safe? *Indian J DermatolVenereolLeprol.* 2018 Jul-Aug 84(4):488-491.
27. Yadav A, Bansal R, Tandon A, Wadhwa N, Bhatt S. Disseminated histoplasmosis: a rare case presentation. *Trop Doct.* 2018 Apr;48(2):152-154.
28. S Roy, S Bhatt, R Agrawal, A Tandon, N Meena. Splenic Vein thrombosis as a rare complication of disseminated tuberculosis- Imaging diagnosis and case report. *Polish Journal of radiology* 2017.; 82: 106.
29. Bhatt S, Mishra B, Tandon A, Manchanda S, Parthsarathy G. Superior mesenteric artery syndrome in association with abdominal tuberculosis: an eye opener. *Malays J Med Sci.* 2017; 24(3):96–100. <https://doi.org/10.21315/mjms2017.24.3.12>.
30. Ahmad M, Bhatt S, Tandon A, Mandal S, Garg D. Pancreatic Lipoma and its Differentiation from Various Fat Containing Lesions in the Pancreas: An Imaging Guide. *Int J Radiol Radiat Ther.* 2017; 4(5): 00112. DOI: 10.15406/ijrrt.2017.04.00112.
31. Bhatt S, Goel M, Gupta A, Tandon A, Roy S. Diagnosis of Urethral Stricture on Dynamic Voiding Transvaginal Sonourethrography. *Journal of Diagnostic Medical Sonography* 1-4.DOI: 10.1177/87564793 1 6688435 First Published January 19, 2017.
32. Bhatt S, Sushila, Tandon A. Estimation of Radiation Dose in Coventional Radiography in *Journal of International Medical Sciences Academy* 2016: 29 (3); 146-150.
33. Tandon A, Bhatt S, Bhargava SK. Dynamic musculoskeletal sonography. *Journal international medical Sciences Academy* Jan- March 2013;26(3):21-24.
34. Bhatt S, Tandon A, Bhargava S. Role of imaging in sub clinical atherosclerosis. *Journal international medical Sciences Academy* Jan- March 2013; 26(3):31-34.
35. Kaur N, Sharma P, Garg A, Tandon A. Accuracy of individual description and grading of nodal involvement by axillary ultrasound in patients of breast cancer. *International Journal of Breast Cancer* 2013: 01-06.
36. Kaur N. Garg A. Tandon A, Sing UR. Ultrasound guided axillary node sampling in patients of carcinoma breast with clinically negative axilla: A pilot study. *Cancer Reviews* 2014 1 (1): 5-15.

37. Bhargava SK, Prakash M, Tandon A, Arora s, Bhatt S, Bhargava S. Sonographic evaluation of clubfoot. *Journal international medical Sciences Academy* Jan- March 2013; 26(3):09-14.
38. Tandon A, Usha T, Bhargava SK, Bhatt S, Bhargava S, Prakash M, Durgadas AA. Resolution of gallstone ileus with spontaneous evacuation of gallstone: a case report *Indian J of Surgery* Feb 2013 DOI 10.1007/s 12262-013-0818-3.
39. Dewan P, Tandon A, Rohatgi S, Qureshi S. Multifocal tuberculous osteomyelitis in a 3-year-old child. *Paediatr Int Child Health*. 2016 May;37(2)
40. Biswajit Mishra, Anupama Tandon, Neelam Wadhwa, Gopesh Mehrotra, Shuchi Bhatt, Shalini Rajaram. Well differentiated papillary carcinoma of thyroid presenting as metastatic liver mass. *The Turkish Journal of Ear Nose and Throat*. 2015.
41. Bhatt S, Verma P, Meena N, Tandon A, Tanveer N, Bansal D. Glomus vagale tumour, can it be diagnosed only on Sonography ? *J Ultrasound*. DOI 10.1007/s40477-016-0237-y (e-ISSN 1876-7931).
42. Balesa J, Rathi V, Kumar S, Tandon A. Chest Sonography in the Diagnosis of Pneumothorax. *The Indian Journal of Chest disease and Allied Sciences*. 2015; 57:7-11.
43. Bansal D, Diwaker P, Gogoi P, Nazir W, Tandon A. Intraparenchymal Angiomatous Meningioma: A Diagnostic Dilemma. *J Clin Diagn Res*. 2015.Oct;9 (10):7-8.
44. Shikha Sirohi, Anupama Tandon, A.K. Shrivastava. Effects of diagnostic radiation exposure on DNA by using  $\gamma$ H2AX as a biomarker. *Journal of Biomedical Reports*. 2015; 2: 49.
45. Mohanty D, Jain BK, Garg PK, Tandon A. External jugular venous aneurysm: A clinical curiosity. *J Nat Sci Biol Med*. 2013; 4(1): 223-5.
46. G Mehrotra, Tandon A, Gupta S, Durgadass AA, Srivastava AK. Imaging of Acute Appendicitis: Role of low dose Ct. *RSNA Abstract Publication* 2013.
47. Singh I, Mehrotra G, Jaura MS, Agarwal V, Tandon A, Joshi M. Virtual cystoscopy (pneumocystoscopy) - It's utility in the prospective evaluation of bladder tumor. *Indian Journal of Urology*, Apr-Jun 2012,; 28(2): 164-168.
48. Pandhi D, Gupta P, Singal A, Tandon A, Sharma SB, Madhu SV. Xanthalesma palpebram: a marker of premature atherosclerosis ( risk of atherosclerosis in Xanthelasma).Online first Feb 2012 as 1136/postgradmedj-2011-130443.
49. Bhargava S, Tandon A, Prakash M, Arora S, Bhatt S. "Radiography and Sonography of clubfoot- a comparative study" *Indian Journal of Orthopedics* 2012 March ;46 (2): 229-235.
50. Tandon A, Wadhwa N, Jain B, Tandon R, Bhatt S. "Intraductal papilloma of extraglandular segment of Stensen's duct: a sonographic diagnosis and pathological correlation. *Journal of Diagnostic Medical Sonography* 2012 January 28(1):39-42.
51. Tandon R, Mukerjee U, Abrari A, Patir R, Tandon A, Bansal B. Primary dural follicular lymphoma masquerading as meningioma: a case report. *British Journal of Neurosurgery* 2012 26(6): 905-906.

52. Pandhi D, Verma P, Singh A, Sharma S, Tandon A. Atypical lupus erythematoses Panniculitis progressing to antinuclear antibody- negative systemic lupus erythematoses. *Journal of Cutaneous Medicine and Surgery*, vol 16, 2012.
53. Rastogi R, Bhargava SK, Tandon A, Bhargava S. Computed Tomography diagnosis of mucocele of submandibular gland and its differentials. *Journal International Medical Sciences Academy*. April-June 2012 Vol. 25 (2): 92.
54. Tandon A, Tandon R, Abrari A, Chandraskher M, Das P, Bansal B Bhatia N. "Cervical ectopic thymic cyst: a rare preoperative diagnosis " *BMJ Case Reports* 2011 bcr.05.2011.4250(1).
55. Tandon A, Jain B, Tandon R, Grover C, Pandhi D, Bhatt S. "Infantile Hemangioendothelioma of Parotid: A sonographic diagnosis". *Journal of Diagnostic Medical Sonography* May/June 2011; 27: 131-134.
56. Tandon A, Agarwal R, Tandon R, Prakash M "Multiple Intracystic Floating Balls: an unusual but unique sonographic pattern of mature cystic teratoma. *BMJ Case Reports* 2011; DOI: 10.1136/bcr.03.2011.3962.
57. Tandon R, Tandon A, Abrari A, Chandraskhar M, Das M, Bansal B. "Juvenile psammomatoid ossifying fibroma: a rare cause of unilateral proptosis" *BMJ Case Reports* 2011; DOI: 10.1136/bcr.05.2011.4195.
58. Tandon A, Tandon R, Kishore N, Bhargava SK. "Bronchoalveolar Carcinoma—the great masquerader: a case report" *Journal International Medical Sciences Academy*. Oct-Dec 2010:Vol.23, No.4; 239-240.
59. Tandon A, Guleria K, Tandon R, Bhargava SK, Vaid NB " Ovarian dermoid rupturing into urinary bladder- an imaging diagnosis" in *Ultrasound Obstetrics and Gynecology* Dec 2009.DOI:10.1002/uog.7524.
60. Tandon A, Bhargava SK, Gupta A, Bhatt A. "Spontaneous transmural migration of retained surgical textile into both small and large bowel: a rare cause of intestinal obstruction". *British Journal of Radiology* 2009; 82: e72-e79.
61. Tandon A, Bhargava SK, Goyal S, Bhatt S. Pseudoachondroplasia: a rare cause of rhizomelic dwarfism. *Indian Journal of Orthopedics* 2008; Oct-Dec 42: 477-479.
62. Rastogi R, Bhargava SK, Tandon A, Bhargava S. Spring water cyst in an atypical location in the mediastinum. *Journal of Postgraduate Medical Education, Training & Research* 2007; 2 (6): 77-79.
63. Rastogi R, Bhargava SK, Tandon A, Bhargava S. "Secondary chondrosarcoma in a solitary osteochondroma of the pubis- A case Report *Journal of Postgraduate Medical Education, Training & Research* 2006; 1(3): 161-162.
64. Tandon R, Singh UR, Tandon A, Kataria SP. "Epidermoid cyst of spleen. *Indian Journal of Pathology & Microbiology* 2005; 48(3): 424-425."

65. Pant CS, Tandon A. Risk factors in breast cancer-a myth, an Indian Experience. Breast Cancer Research and Treatment 2005; Vol 94(suppl 1) Dec: S252. [Abstract].
66. Grover S.B, Agarwal A, Uppal PS, Tandon R. “The CT triad of malignancy in meningioma – redefinition, with a report of three new cases”. Neuro-radiology November 2003; 45: 799-803.
67. Grover SB, Agarwal A. “Cutaneous metastasis of occult thyroid carcinoma-diagnosis revealed by CT scan”. Asian Oceanian Journal of Radiology 1999; 4 (1):22-24.
68. Grover SB, Agarwal A. “A case of hydranencephaly: Imaging characteristics and differential diagnosis”. Asian Oceanian Journal of Radiology 1998; 3 (2): 86-88.
69. Grover SB, Agarwal A. “Sonographic diagnosis of an intrauterine lithopedian”. Asian Oceanian Journal of Radiology 1998; 3 (1): 43-45.
70. Grover SB, Pathak A, Agarwal A, Saxena NC. “An unusual mediastinal mass due to metastasis”. Indian Journal of Chest Diseases & Allied Sciences 1999; 41: 163-168.

#### BOOK CHAPTERS:

Contributed multiple chapters in three books on Radiology & Imaging-

1. CT Differential Diagnosis, Ed: Bhargava SK, Jaypee Brothers Medical Publishers (P) Ltd. 2006 – **1 chapter**.
  - Musculoskeletal system (pages 447-527)
2. CT & MRI Protocol – A Practical Approach, Ed: Bhargava SK, Peepee Publishers & distributors (P) Ltd 2006. – 10 chapter
  - Section I- Computed Tomography (CT)- **6 chapters**
  - Section II – Magnetic Resonance Imaging (MRI)- **4 chapters**
3. Diagnostic Approach in Radiology by Peepee Bros Daryaganj ,Delhi,2009 - **15 chapters**