

Complete Biodata

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Area of interest: Thoracic pathology (Lung Cancer, Thymic tumors), Cytopathology, Sinonasal Cancer

Qualifications

Dates	Qualification	Place obtained
1993-98	MBBS	Gajra Raja Medical College, Gwalior, India
1999-2002	MD (Pathology)	Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India
2002	DNB (Pathology)	Diplomate of National Board India

APPOINTMENTS

Most recent appointments:

Date	No. of months	Grade and Speciality	Place held
July 2022		Professor	All India Institute of Medical Sciences (AIIMS) New Delhi, India
July 2018	June 2022	Additional Professor	AIIMS New Delhi, India
July 2015	June 2018	Associate Professor	AIIMS New Delhi, India
April 2012	June 2015	Assistant Professor	AIIMS New Delhi, India
August 2009- April 2012	30	Consultant	Sir Ganga Ram Hospital, New Delhi, India
July 2008- June 2009	12	Post Doctoral Fellowship	Johns Hopkins Medical Institutions, Baltimore, Maryland, USA

Fellowship, Observership and Training:

1. Geraldine C. Zeiler Pulmonary Pathology and Cytopathology Fellowship May 2018
Mayo clinic Scottsdale, Arizona, USA
2. Observer ship Thoracic Pathology **Memorial Sloan Kettering Cancer Center, New York, USA** February 2016
3. Post-Doctoral Fellowship, Pathology-Ophthalmic Pathology, **Johns Hopkins Medical Institutions, Baltimore, MD, USA** July 2008- June 2009
4. International Mentorship programme, Molecular Cytopathology, **University of Pathology, Basel, Switzerland**, Dec 7 to 15th 2016
5. Scientific visit **University of Mannheim Germany** for discussion of microscopic criteria of diagnosis of Thymic epithelial tumours September 2017

Awards and Honours

International

1. Co-chair Asian Conference of Lung Cancer, Hongkong, IASLC
2. Fellow Royal College of Pathologists by published work 2022
3. Listed in Stanford University California list of world's top 2% of scientists 2021, 2022
4. Mary J. Matthews Pathology/ Translational Research Award, International Association for the Study of Lung Cancer (IASLC), USA, 2021
5. Editorial Board Member, World Health Organization (WHO) Cytopathology Reporting Systems, 1st Edition - International System for Reporting Lung Cytopathology
6. Editorial Board Member World Health Organization (WHO) Classification of Thoracic Tumors 5th edition
7. 2019 PPS Travel award Pulmonary Pathology Society, USA. Dubrovnik, Croatia, June 2019
8. 2017 PPS Travel award Pulmonary Pathology Society, USA. Chicago, USA June 2017
9. The AMP International Membership Grant. Association of Molecular Pathology; 2017
10. 2016 IASLC International Mentorship Award at 17th world conference on lung cancer Vienna, Austria
11. Fellow International Academy of Cytology (FIAC)
12. Bursary award International Academy of Pathologists, 2012 Cape Town, South Africa
13. Young Pathologist Award 7th Asia pacific IAP congress, Taipei, Taiwan May 20-23, 2011

National

14. Fellow National Academy of Sciences (FNASc), India, 2023
15. AIIMS Excellence Research Award Clinical Sciences, Third Prize, 2022
16. AIIMS Oncology Research Award, Clinical Sciences, Third Prize, 2021
17. AIIMS Oncology Research Award, Clinical Sciences, Second Prize, 2020
18. SERB Women POWER Fellowship March 2021
19. ICMR Travel grant 20th International Congress Cytology, Sydney, Australia, May 2019
20. Young Researcher Award Lady Tata Memorial Trust 2015
21. Member, National Academy Sciences of India (NASI)
22. UGC Travel Grant 16th World Conference on Lung Cancer, September 6-9, 2015 Colorado, USA
23. Best Paper Award for platform presentation on "Immunostaining with EGFR mutation specific antibodies in lung adenocarcinomas: a first study from India" Indian Society of Oncology Indian Cancer Congress Delhi, 2013
24. Talented Young Pathologist Award, IAPM, Delhi chapter, April 2008
25. Member National Academy of Medical Sciences (MNAMS)
26. Prof R Nath Gold medal for best research work in bio medical sciences for year 2002, Post Graduate Institute of Medical Education & Research, Chandigarh, 2005
27. Bronze Medal (Second order) in MD, Post Graduate Institute of Medical Education & Research, Chandigarh, 2002
28. Dr. Mrs. Veena Gosain Gold Medal for First in Gynaecology and Obstetrics, Gwalior, 1998
29. Dr. K.V. Waugh Gold Medal for First in Gynaecology and Obstetrics, Gwalior, 1998
30. Capt. Dr. S. S. Sapre Gold Medal for First in Final Professional MBBS, Gwalior, 1998
31. Pfizer "Medallion in Medicine and scroll of honour" award for First in Final Professional MBBS, Gwalior, 1998

32. Certificate of Merit for First in Final Professional MBBS, Gwalior, 1998
 33. Certificate of Merit for Third in Second Professional MBBS, Gwalior, 1997

Research projects: Completed

Title	Grant size	Duration	Funding agency
EGFR mutation analysis in non-small cell lung cancer using immunohistochemistry and in situ hybridization techniques	10 Lacs	2013-2015	Research Section, AIIMS, New Delhi
Analysis of PD-L1 Expression in Non-Small Cell Carcinoma: Implication for Optional Immune Targeted Therapy	8 Lacs	2015-2017	Research section, AIIMS, New Delhi
Identification of EGFR mutation, ALK gene rearrangement, KRAS mutation, and FGFR1 mutation in molecular subtyping of lung cancer	20 Lacs	2015-2017	Indian Council of Medical Research (ICMR), India
Detection and comparison of EGFR mutations in matched tumor tissues and sera of patients with pulmonary adenocarcinoma	25 Lacs	2015-2019	Department of Bio Technology (DBT), India
A comprehensive analysis of mammalian target of rapamycin (mTOR) and mitogen activated protein (MAP) Kinase signaling pathways in non- small cell lung carcinoma	29 Lacs	2015-2020	Lady Tata Memorial Trust Young Researcher Award
Correlation of Immunologic Milieu and PD-L1 in Non-Small Cell Lung Carcinoma	9 lacs	2018-2022	Research section, AIIMS, New Delhi
Study of HPV association in Sino-nasal epithelial tumors (Interdisciplinary Collaborative Intramural Research grant)	20 lacs	2018-2020	Research section, AIIMS, New Delhi
Immunomodulators in small cell lung carcinoma	36 Lacs	2019-2022	Department of Science and Technology-SERB
Dissecting the molecular pathogenetic mechanisms of covid-19 by RNA-sequencing of lung tissue from deceased patients	25 Lacs	2020-2023	Research Section AIIMS
PDL1 Immunohistochemistry in Lung Carcinoma	2 Lacs	2021-2022	Undergraduate Research Project Research Section AIIMS
Molecular sub-typing of small cell lung carcinoma (SCLC) to unravel the biological heterogeneity in clinical settings: An observational study	26 Lacs	2020-2023	Indian Council of Medical Research (ICMR), India
Tumor mutation burden in advanced non-small cell lung carcinomas: Implications for planning treatment strategies	30 Lacs	2021-2024	DST-SERB POWER fellowship

Research projects: Ongoing

Title	Grant size	Duration	Funding agency
DHR-ICMR Advanced Molecular Oncology Diagnostic Services (DIAMONDS) under HTAIn pilot research project (Investigator for Lung Cancer)	3.7 Cr	2019-2026	DHR-ICMR
Imaging biobank of cancer (collaborative with Tata Memorial Hospital Mumbai)	14 Lacs (AIIMS)	2020-2023	Department of Bio Technology (DBT), India
An integrated genomic sequencing approach to define genetic landscape of non-small cell lung carcinoma in Indian Population	48 Lacs	2022-2025	Indian Council of Medical Research (ICMR), India
Microbiome-metabolome axis in non- small cell lung cancer	40 Lacs	2023-2026	Lady Tata Memorial Trust (Institute Research Grant)
Liquid biopsy unravelling the treatment resistant mechanisms with risk stratification in EGFR mutated non-small cell lung carcinoma	99 lacs	2024-2027	Lady Tata Memorial Trust (Institute Research Grant)
Biobanking and quality control of tissue and bodily fluids: biological samples for translational research (AIIMS-TSHTI Collaborative)	20 lacs	2023-2025	Research Section AIIMS New Delhi
High mobility group A2 fusion in unclassifiable spindle cell tumors of sinonasal tract (JR Thesis grant)	2 lacs	2024-2026	Research Section AIIMS New Delhi
Evaluation of cell-free DNA in early detection of pleural spread and assessment of minimal residual disease in plasma among non-small cell lung cancer patients undergoing curative surgical resection (Interdisciplinary Collaborative Intramural Research grant)	20 lacs	2024-2026	Research Section AIIMS New Delhi

Peer-Reviewed Publications: Total 357

(<https://www.ncbi.nlm.nih.gov/pubmed/?term=DEEPALI+JAIN>)

(International 287, National 70) (Corresponding/Senior author 166) (First author 98)

Citations: 6888; Citations since 2018: 4894

h-index: 42; h-index since 2018: 35

Original articles and Reviews (As First and/Corresponding author): 99

Original articles and reviews (As co-author): 105

Case reports and letters (As First and/Corresponding author): 93

Case reports and letters (As co-author): 60

List of publications

Original articles and Reviews (As First and/Corresponding (Senior) author)

1. Rathor A, Malik PS, Tanwar P, Khurana S, Baskarane H, Pushpam D, Nambirajan A, **Jain D**. 'Plasma first' approach for detecting epidermal growth factor receptor mutation in advanced non-small cell lung carcinoma. **J Cancer Res Clin Oncol**. 2024 Jul 27;150(7):371.
2. Satapathy S, Thirunavukkarasu B, **Jain D**. Application of liquid biopsy in lung cancer management. **Indian J Pathol Microbiol**. 2024 Jul 13. doi: 10.4103/ijpm.ijpm_944_23.
3. Thakur S, Rathor A, Jain S, Nambirajan A, Khurana S, Malik PS, **Jain D**. Pleural effusion supernatant: a reliable resource for cell-free DNA in molecular testing of lung cancer. **J Am Soc Cytopathol**. 2024 Mar 29:S2213-2945(24)00026-7.
4. Sood R, **Jain D**. Evolving Diagnostic Approach of Pulmonary Salivary Gland-type Tumors. **Surg Pathol Clin**. 2024 Jun;17(2):227-241.
5. Meena R, Nambirajan A, Mohan A, Malik PS, **Jain D**. Retrospective application of WHO reporting system for lung cytopathology with assessment of risk of malignancy. **J Am Soc Cytopathol**. 2024 Feb 23:S2213-2945(24)00013-9.
6. Nambirajan A, Sood R, Khatoon W, Malik PS, Mohan A, **Jain D**. Concordance of Immunohistochemistry and Fluorescence In Situ Hybridization in the Detection of Anaplastic Lymphoma Kinase (ALK) and Ros Proto-oncogene 1 (ROS1) Gene Rearrangements in Non-Small Cell Lung Carcinoma: A 4.5-Year Experience Highlighting Challenges and Pitfalls. **Arch Pathol Lab Med**. 2023 Dec 6. doi: 10.5858/arpa.2023-0229-OA.
7. Hruaii V, Thirunavukkarasu B, Prabha V, Mathur S, Iyer VK, Nambirajan A, **Jain D**. Claudin-4 immunocytochemistry is specific and sensitive for the diagnosis of malignant carcinomatous effusions: Results from a pilot study. **Diagn Cytopathol**. 2023 Oct 13. doi: 10.1002/dc.25238.
8. Singh V, Katiyar A, Malik P, Kumar S, Mohan A, Singh H, **Jain D**. Identification of molecular biomarkers associated with non-small-cell lung carcinoma (NSCLC) using whole-exome sequencing. **Cancer Biomark**. 2023 Sep 2. doi: 10.3233/CBM-220211.
9. Kakkar A, Satapathy S, Sikka K, Tanwar P, Deo S, **Jain D**. Evaluation of high-risk human papillomavirus in sinonasal papillomas and squamous cell carcinomas. **Virchows Arch**. 2023 Jul 15. doi: 10.1007/s00428-023-03601-x.

10. Dutta R, Rathor A, Sharma HP, Pandey HC, Malik PS, Mohan A, Nambirajan A, Kumar R, **Jain D**. Mapping the immune landscape in small cell lung cancer by analysing expression of immuno-modulators in tissue biopsies and paired blood samples. **Sci Rep**. 2023 Mar 6;13(1):3739.
11. Thakur S, Nambirajan A, Larsen BT, Butt YM, Roden AC, Kumar S, **Jain D**. Primary Pulmonary Hyalinizing Clear Cell Carcinoma: Case Series With Review of Literature. **Int J Surg Pathol**. 2022 Dec 13:10668969221137516.
12. Mahajan S, Nambirajan A, Gupta I, Gupta N, Gupta P, **Jain D**. Malignant pleural effusion cell blocks are reliable resources for PD-L1 analysis in advanced lung adenocarcinomas: a concordance study with matched histologic samples. **J Am Soc Cytopathol**. 2022 Apr 22:S2213-2945(22)00042-4.
13. Kakkar A, Rathor A, Ashraf SF, Singh V, Sikka K, **Jain D**. IDH1/2 Mutations in Sinonasal Undifferentiated Carcinomas: Previously Undescribed IDH2 R172K and R140x Variants. **Am J Surg Pathol**. 2022 May 2. doi: 10.1097/PAS.0000000000001912.
14. Budhraj A, Basu A, Gheware A, Abhilash D, Rajagopala S, Pakala S, Sumit M, Ray A, Arulselvi S, Mathur P, Nambirajan A, Kumar S, Gupta R, Wig N, Trikha A, Guleria R, Sarkar C, Gupta I, **Jain D**. Molecular signature of postmortem lung tissue from COVID-19 patients suggests distinct trajectories driving mortality. **Dis Model Mech**. 2022 Apr 19:dmm.049572. doi: 10.1242/dmm.049572.
15. **Jain D**, Nambirajan A, Chen G, Geisinger K, Hiroshima K, Layfield L, Minami Y, Moreira AL, Motoi N, Papotti M, Rekhtman N, Russell PA, Prince SS, Schmitt F, Yatabe Y, Eppenberger-Castori S, Bubendorf L; IASLC Pathology Committee. Non-small cell lung carcinoma subtyping in conventional cytology: Results of the IASLC Cytology Working Group survey to determine specific cytomorphological criteria for adenocarcinoma and squamous cell carcinoma. **J Thorac Oncol**. 2022 Mar 21:S1556-0864(22)00145-9.
16. Gheware A, Ray A, Rana D, Bajpai P, Nambirajan A, Arulselvi S, Mathur P, Trikha A, Arava S, Das P, Mridha AR, Singh G, Soneja M, Nischal N, Lalwani S, Wig N, Sarkar C, **Jain D**. ACE2 protein expression in lung tissues of severe COVID-19 infection. **Sci Rep**. 2022 Mar 8;12(1):4058.
17. Nambirajan A, Rana D, Samant K, Prabakaran A, Malik P, **Jain D**. Multiplex fluorescence in situ hybridization testing for anaplastic lymphoma kinase and c-ros oncogene 1 gene rearrangements on cytology smears in lung adenocarcinomas: comparative study with formalin-fixed paraffin-embedded sections. **J Am Soc Cytopathol**. 2022 Jan 13:S2213-2945(22)00001-1.
18. Kakkar A, Ashraf SF, Rathor A, Adhya AK, Mani S, Sikka K, **Jain D**. SMARCA4/BRG1-Deficient Sinonasal Carcinoma: Morphologic Spectrum of an Evolving Entity. **Arch Pathol Lab Med**. 2021 Dec 6. doi: 10.5858/arpa.2021-0001-OA.
19. **Jain D**, Guleria P, Singh V, Parshad R, Kumar S, Gaiser T, Kurz KS, Ott G, Porubsky S, Preissler G, Sauer CG, Schölch S, Ströbel P, Hielscher T, Marx A, Popovic ZV. GTF2I Mutation in Thymomas: Independence From Racial-Ethnic Backgrounds. An Indian/German Comparative Study. **Pathol Oncol Res**. 2021 Aug 23;27:1609858. doi: 10.3389/pore.2021.1609858.
20. **Jain D**, Bubendorf L. Can cytology reliably subtype non-small cell lung carcinomas? **Cytopathology**. 2021 Sep 8. doi: 10.1111/cyt.13056.
21. Nakra T, Singh V, Nambirajan A, Malik PS, Mohan A, **Jain D**. Correlation of TTF-1 immunoexpression and EGFR mutation spectrum in non-small cell lung carcinoma. **J Pathol Transl Med**. 2021 Jul 8. doi: 10.4132/jptm.2021.05.10.
22. **Jain D**. Updates and new entities in neoplastic lung diseases. **Semin Diagn Pathol**. 2021 Jun 11:S0740-2570(21)00043-5.
23. Nambirajan A, **Jain D**. Recent updates in thoracic SMARCA4-deficient undifferentiated tumor. **Semin Diagn Pathol**. 2021 Jun 4:S0740-2570(21)00040-X.

24. **Jain D**, Roy-Chowdhuri S. Advances in cytology of lung cancer. **Semin Diagn Pathol**. 2021 May 27;S0740-2570(21)00039-3.
25. Satapathy S, Singh V, Nambirajan A, Malik PS, Tanwar P, Mehta A, Suryavanshi M, Thulkar S, Mohan A, **Jain D**. EGFR mutation testing on plasma and urine samples: A pilot study evaluating the value of liquid biopsy in lung cancer diagnosis and management. **Curr Probl Cancer**. 2021 Mar 3:100722.
26. Nambirajan A, **Jain D**. Immunohistochemical Detection of p40 Expression in Lung Cancer Clinical Samples. **Methods Mol Biol**. 2021;2279:13-21.
27. Singh V, Nambirajan A, Malik PS, Kaur K, Mohan A, **Jain D**. EGFR mutation testing in cytology smears of advanced non-small cell lung carcinomas: practical applications in low resource laboratories. **Cytopathology**. 2020 Nov 19. doi: 10.1111/cyt.12941. Epub ahead of print. PMID: 33211362.
28. Singh V, Nambirajan A, Malik PS, Thulkar S, Pandey RM, Luthra K, Arava S, Ray R, Mohan A, **Jain D**. Spectrum of uncommon and compound epidermal growth factor receptor mutations in non-small-cell lung carcinomas with treatment response and outcome analysis: A study from India. **Lung Cancer**. 2020 Sep 13;149:53-60.
29. Dutta R, Nambirajan A, Mittal S, Roy-Chowdhury S, **Jain D**. Cytomorphology of primary pulmonary NUT carcinoma in different cytology preparations. **Cancer Cytopathol**. 2021 Jan;129(1):53-61. doi: 10.1002/cncy.22342.
30. Nambirajan A, Dutta R, Malik PS, Bubendorf L, **Jain D**. Cytology of SMARCA4-Deficient Thoracic Neoplasms: Comparative Analysis of SMARCA4-Deficient Non-Small Cell Lung Carcinomas and SMARCA4-Deficient Thoracic Sarcomas [published online ahead of print, 2020 Aug 27]. **Acta Cytol**. 2020 Aug 27:1-8. doi: 10.1159/000510323
31. Guleria P, Barwad A, Malik PS, Madan K, **Jain D**. "Single-cell pattern" of adenocarcinoma cells in effusion cytology: Morphologic challenges of lung cancer [published online ahead of print, 2020 Aug 20]. **Diagn Cytopathol**. 2021 Jan;49(1):77-82. doi: 10.1002/dc.24596
32. Antony VM, Kakkar A, Sikka K, Thakar A, Deo S, Bishop JA, **Jain D**. p16 immunoexpression in sinonasal and nasopharyngeal adenoid cystic carcinomas: A potential pitfall in ruling out HPV-related multiphenotypic sinonasal carcinoma. **Histopathology**. 2020 Dec;77(6):989-993; doi:10.1111/his.14212
33. Guleria P, Kumar S, Malik PS, **Jain D**. PD-L1 Expression in Small Cell and Large Cell Neuroendocrine Carcinomas of Lung: an Immunohistochemical Study with Review of Literature [published online ahead of print, 2020 Jun 6]. **Pathol Oncol Res**. 2020 Oct;26(4):2363-2370;10.1007/s12253-020-00832-0. doi:10.1007/s12253-020-00832-0
34. Nambirajan A(1), Singh V(1), Bhardwaj N(1), Mittal S(1), Kumar S(1), **Jain D**(1). SMARCA4/BRG1-Deficient Non-Small Cell Lung Carcinomas: A Case Series and Review of the Literature. **Arch Pathol Lab Med**. 2021 Jan 1;145(1):90-98. doi: 10.5858/arpa.2019-0633-OA.
35. Nakra T, Mehta A, Bal A, Nambirajan A, Mishra D, Midha D, Gupta N, Arora N, Gupta P, Gupta P, Singh V, **Jain D**. Epidermal growth factor receptor mutation status in pulmonary adenocarcinoma: Multi-institutional data discussion at national conference of "Lung Cancer Management in Indian context". **Curr Probl Cancer**. 2020 Jun;44(3):100561. doi: 10.1016/j.crrproblcancer.2020.100561.
36. Guleria P, **Jain D**. Thymic lesions of the paediatric age group: a comprehensive review of non-neoplastic and neoplastic etiologies. **Mediastinum**. 2019;3:24
37. Nambirajan A(1), Husain N(2), Shukla S(2), Kumar S(3), **Jain D**(1). Comparison of laboratory-developed test & validated assay of programmed death ligand-1 immunohistochemistry in non-small-cell lung carcinoma. **Indian J Med Res**. 2019 Oct;150(4):376-384.
38. Guleria P, Parshad R, Malik PS, Ray R, Pandey RM, **Jain D**. Histotyping of Indian thymomas: A clinicopathologic study from north India. **Indian J Med Res**. 2019;150:153-160

39. Nakra T(1), Nambirajan A(1), Guleria P(1), Phulware RH(1), **Jain D(1)**. Insulinoma-associated protein 1 is a robust nuclear immunostain for the diagnosis of small cell lung carcinoma in cytology smears. **Cancer Cytopathol.** 2019 Aug;127(8):539-548
40. **Jain D**, Nambirajan A, Borczuk A, Chen G, Minami Y, Moreira AL, Motoi N, Papotti M, Rekhtman N, Russell PA, Savic Prince S, Yatabe Y, Bubendorf L; IASLC Pathology Committee. Immunocytochemistry for predictive biomarker testing in lung cancer cytology. **Cancer Cytopathol.** 2019 May;127(5):325-339.
41. **Jain D**. Lung Molecular Cytopathology: EGFR and Beyond. **J Cytol.** 2019 Apr-Jun;36(2):124-127.
42. Kakkar A, Guleria P, Madan K, Kumar R, Kumar S, **Jain D**. Immunohistochemical Assessment of BAP1 Protein in Mucoepidermoid Carcinomas. **Indian J Otolaryngol Head Neck Surg.** 2019 Mar;71(1):33-37.
43. **Jain D**. EBUS-TBNA for Diagnosis of Extrapulmonary Lesions. **J Cytol.** 2019 Jan-Mar;36(1):59-60.
44. Agarwal S, Bychkov A, Jung CK, Hirokawa M, Lai CR, Hong S, Kwon HJ, Rangdaeng S, Liu Z, Su P, Kakudo K, **Jain D**. The prevalence and surgical outcomes of Hurthle cell lesions in FNAs of the thyroid: A multi-institutional study in 6 Asian countries. **Cancer Cytopathol.** 2019 Mar;127(3):181-191.
45. Singh V, Guleria P, Malik PS, Mohan A, Thulkar S, Pandey RM, Luthra K, Arava S, Ray R, **Jain D**. Epidermal growth factor receptor (EGFR), KRAS, and BRAF mutations in lung adenocarcinomas: A study from India. **Curr Probl Cancer.** 2019 Oct;43(5):391-401.
46. Nambirajan A, Longchar M, Madan K, Mallick SR, Kakkar A, Mathur S, **Jain D**. Endobronchial ultrasound guided transbronchial needle aspiration cytology in patients with known or suspected extra-pulmonary malignancies: A cytopathology based study. **Cytopathology.** 2019 Jan;30(1):82-90.
47. Kakkar A, Antony VM, Pramanik R, Sakthivel P, Singh CA, **Jain D**. SMARCB1 (INI1) -deficient sinonasal carcinoma: a series of thirteen cases with assessment of histological patterns. **Hum Pathol.** 2019 Jan;83:59-67.
48. **Jain D**, Sukumar S, Mohan A, Iyer VK. Programmed death-ligand 1 immunoexpression in matched biopsy and liquid-based cytology samples of advanced stage non-small cell lung carcinomas. **Cytopathology.** 2018 Dec;29(6):550-557.
49. Guleria P, Husain N, Shukla S, Kumar S, Parshad R, **Jain D**. PD-L1 immuno-expression assay in thymomas: Study of 84 cases and review of literature. **Ann Diagn Pathol.** 2018 Jun;34:135-141.
50. Nambirajan A, Kaur H, Jangra K, Kaur K, Madan K, Mathur SR, Iyer VK, **Jain D**. Adenocarcinoma predominant pattern subtyping and nuclear grading in cytology: Is there a role in prognostication of advanced pulmonary adenocarcinomas? **Cytopathology.** 2018 Apr;29(2):163-171.
51. Nakra T, Kakkar A, Agarwal S, Madan K, Sharma SC, **Jain D**. Endobronchial Smooth Muscle Tumors: A Series of Five Cases Highlighting Pitfalls in Diagnosis. **J Pathol Transl Med.** 2018 Jul;52(4):219-225.
52. Nalwa A, Walia R, Singh V, Madan K, Mathur S, Iyer V, **Jain D**. Comparison of conventional smear and liquid-based cytology preparation in diagnosis of lung cancer by bronchial wash and transbronchial needle aspiration. **J Cytol** 2018;35:94-8
53. Kakkar A, Antony VM, Irugu DVK, Adhikari N, **Jain D**. NUT Midline Carcinoma: A Series of Five Cases, Including One with Unusual Clinical Course. **Head Neck Pathol.** 2018 Jun;12(2):230-236.
54. Khan AA, Mangalaparthy KK, Advani J, Prasad TSK, Gowda H, **Jain D**, et al. Data from quantitative proteomic analysis of lung adenocarcinoma and squamous cell carcinoma primary tissues using high resolution mass spectrometry. **Data Brief.** 2018 Jun 22;19:1631-1637.
55. Nambirajan A, **Jain D**. Cell blocks in cytopathology: An update. **Cytopathology.** 2018 Dec;29(6):505-524.

56. **Jain D.** Tru-cut/core Biopsy versus FNAC: Pulmonary Tumors. **J Cytol.** 2018 Jul-Sep;35(3):183-186.
57. **Jain D,** Roy-Chowdhuri S. Molecular Pathology of Lung Cancer Cytology Specimens: A Concise Review. **Arch Pathol Lab Med.** 2018 Sep;142(9):1127-1133.
58. **Jain D,** Allen TC, Aisner DL, Beasley MB, Cagle PT, Capelozzi VL, et al. Rapid On-Site Evaluation of Endobronchial Ultrasound-Guided Transbronchial Needle Aspirations for the Diagnosis of Lung Cancer: A Perspective From Members of the Pulmonary Pathology Society. **Arch Pathol Lab Med.** 2018 Feb;142(2):253-262.
59. **Jain D,** Jangra K, Malik PS, Arulselvi S, Madan K, Mathur S, et al. Anaplastic lymphoma kinase immunohistochemistry in lung adenocarcinomas: Evaluation of performance of standard manual method using D5F3 antibody. **Indian J Cancer.** 2017 Jan-Mar;54(1):209-213.
60. Walia R, **Jain D,** Madan K, Sharma MC, Mathur SR, Mohan A, et al. p40 & thyroid transcription factor-1 immunohistochemistry: A useful panel to characterize non-small cell lung carcinoma-not otherwise specified (NSCLC-NOS) category. **Indian J Med Res.** 2017 Jul;146(1):42-48.
61. Vallonthaial AG, Malik PS, Singh V, Kumar V, Kumar S, Sharma MC, Mathur S, Arava S, Guleria R, **Jain D.** Clinicopathologic correlation of programmed death ligand-1 expression in non-small cell lung carcinomas: A report from India. **Ann Diagn Pathol.** 2017 Dec;31:56-61.
62. **Jain D,** Ramachandrappa VS, Singh V, Malik PS, Madan K, Faruq M, et al. Use of Exfoliative Specimens and Fine-Needle Aspiration Smears for Mutation Testing in Lung Adenocarcinoma. **Acta Cytol.** 2017;61(6):455-461
63. Vallonthaial AG, **Jain D,** Singh V, Kaur K, Madan K, Kumar V, et al. c-Myb Overexpression in Cytology Smears of Tracheobronchial and Pulmonary Adenoid Cystic Carcinomas. **Acta Cytol.** 2017;61(1):77-83.
64. Rajeshwari M, Xess I, Sharma MC, **Jain D.** Acid-Fastness of Histoplasma in Surgical Pathology Practice. **J Pathol Transl Med.** 2017 Sep;51(5):482-487.
65. Agarwal S, **Jain D.** Thyroid Cytology in India: Contemporary Review and Meta-analysis. **J Pathol Transl Med.** 2017 Nov;51(6):533-547
66. **Jain D,** Ghosh S, Teixeira L, Mukhopadhyay S. Pathology of pulmonary tuberculosis and non-tuberculous mycobacterial lung disease: Facts, misconceptions, and practical tips for pathologists. **Semin Diagn Pathol.** 2017 Nov;34(6):518-529.
67. **Jain D,** Iqbal S, Walia R, Malik P, Cyriac S, Mathur SR, et al. Evaluation of epidermal growth factor receptor mutations based on mutation specific immunohistochemistry in non-small cell lung cancer: A preliminary study. **Indian J Med Res.** 2016 Mar;143(3):308-14
68. Vallonthaial AG, **Jain D,** Madan K, Arava S. Pulmonary adenocarcinoma with signet ring features: Detailed cytomorphologic analysis. **Diagn Cytopathol.** 2016 Jul;44(7):607-11.
69. Yadav R(1), **Jain D**(1), Mathur SR(1), Iyer VK(1). Cytomorphology of neuroendocrine tumours of the gallbladder. **Cytopathology.** 2016 Apr;27(2):97-102. Impact Factor: 1.47
70. **Jain D,** Mathur SR, Sharma MC, Iyer VK. Cytomorphology of sebaceous carcinoma with analysis of p40 antibody expression. **Diagn Cytopathol.** 2015 Jun;43(6):456-61.
71. Ranjan R, **Jain D,** Singh L, Iyer VK, Sharma MC, Mathur SR. Differentiation of histoplasma and cryptococcus in cytology smears: a diagnostic dilemma in severely necrotic cases. **Cytopathology.** 2015 Aug;26(4):244-9.
72. **Jain D,** Mathur SR, Guleria R, Iyer VK. Utility and pattern of positivity of p40 in the diagnosis of squamous cell carcinoma of the lung by cytology: the first study on fine needle aspiration smears. **Cytopathology.** 2014 Oct;25(5):330-5.
73. **Jain D,** Mathur SR, Iyer VK. Cell blocks in cytopathology: a review of preparative methods, utility in diagnosis and role in ancillary studies. **Cytopathology.** 2014;25(6):356-371.

74. **Jain D.** Tissue diagnosis of hepatocellular carcinoma. **J Clin Exp Hepatol.** 2014 Aug;4(Suppl 3):S67-73.
75. Walia R, **Jain D**, Mathur SR, Iyer VK. Spindle Cell Melanoma: A Comparison of the Cytomorphological Features with the Epithelioid Variant. **Acta Cytol.** 2013;57(6):557-61.
76. Singh L, **Jain D**, Madan K, Mathur SR, Chatterjee P, Guleria R, Iyer VK. Pulmonary Mycoses Diagnosed Using Exfoliative Cytology: Infection or Colonization? **Acta Cytol.** 2013;57(6):604-10.
77. **Jain D**, Nayak NC, Kumaran V, Saigal S. Steatohepatic hepatocellular carcinoma, a morphologic indicator of associated metabolic risk factors: a study from India. **Arch Pathol Lab Med.** 2013 Jul;137(7):961-6
78. Yadav R, **Jain D**, Mathur S R, Sharma A, Iyer V K. Gallbladder carcinoma: An attempt of WHO histological classification on fine needle aspiration material. **Cyto Journal** 2013, 10:12
79. **Jain D**, Nayak NC, Saigal S. Hepatocellular carcinoma in nonalcoholic fatty liver cirrhosis and alcoholic cirrhosis: risk factor analysis in liver transplant recipients. **Eur J Gastroenterol Hepatol.** 2012 Jul;24(7):840-8
80. Mittal S, **Jain D**, Roy S, Mehta VS. Correlation of p63 Protein Expression With Histological Grade of Meningiomas: An Immunohistochemical Study. **Int J Surg Pathol.** 2012 Aug;20(4):349-54.
81. **Jain D**, Nayak NC. Bile duct changes in different etiologic types of end-stage chronic liver disease: a study on native explant livers. **J Clin Pathol.** 2012 Apr;65(4):348-51.
82. Saigal S, Nayak NC, **Jain D**, Kumaran V, Mohanka R, Saraf N, Rastogi A, Mehta N, Nundy S, Soin A. Non-cirrhotic portal fibrosis related end stage liver disease in adults: evaluation from a study on living donor liver transplant recipients. **Hepatol Int.** 2011 Jan 12. [Epub ahead of print]
83. **Jain D**, Dietz HC, Oswald GL, Maleszewski JJ, Halushka MK. Causes and histopathology of ascending aortic disease in children and young adults. **Cardiovasc Pathol.** 2011 Jan-Feb;20(1):15-25.
84. **Jain D**, Nayak NC, Saigal S. Hepatocellular carcinoma arising in association with von Meyenburg complexes: an incidental finding or precursor lesions? A clinicopathologic study of 4 cases. **Ann Diagn Pathol.** 2010 Oct;14 (5):317-320
85. **Jain D**, Singh K, Chirumamilla S, Bibat GM, Blue ME, Naidu SR, Eberhart CG. Ocular MECP2 Protein Expression in Patients with and Without Rett Syndrome. **Pediatr Neurol.** 2010 Jul;43(1):35-40
86. **Jain, D** Maleszewski J J, Halushka M K. Benign cardiac tumors and tumor like conditions. **Ann Diagn Pathol.** 2010 Jun;14(3):215-30. **Impact Factor:** 1.083
87. **Jain D**, Ebrahimi KB, Miller NR, Eberhart CG. Intraorbital meningiomas: a pathologic review using current World Health Organization criteria. **Arch Pathol Lab Med.** 2010 May;134(5):766-70.
88. **Jain D**, Halushka MK. Cardiac pathology of systemic lupus erythematosus. **J Clin Pathol.** 2009 Jul;62(7):584-92.
89. **Jain D**, Sharma MC, Sarkar C, Gulati S, Kalra V, Singh S, Bhatia R. Congenital myopathies: A clinicopathological study of 25 cases. **Indian J Pathol Microbiol.** 2008 Oct-Dec;51(4):474-80.
90. **Jain D**, Sharma MC, Kulkarni KK, Aggrawal S, Karak AK. Urorectal septum malformation sequence: A report of seven cases. **Congenit Anom (Kyoto).** 2008 Dec;48(4):174-9.
91. **Jain D**, Jain VK, Vasishta RK, Ranjan P, Kumar Y. Adamantinoma: A clinicopathological review and update. **Diagn Pathol.** 2008 Feb 15;3(1):8
92. Rajesh LS, **Jain D**, Radotra BD, Banerjee AK, Khosla VK, Vasishta RK. Central neurocytoma: a clinico-pathological study of eight cases. **Indian J Pathol Microbiol.** 2006 Oct; 49(4):543-5.

93. **Jain D**, Sharma MC, Sarkar C, Gupta D, Singh M, Mahapatra AK. Comparative analysis of diagnostic accuracy of different brain biopsy procedures. **Neurol India** 2006;54:394-398
94. **Jain D**, Sharma MC, Sarkar C, Deb P, Gupta D, Mahapatra AK. Correlation of diagnostic yield of stereotactic brain biopsy with number of biopsy bits and site of the lesion. **Brain Tumor Pathol.** 2006; 23 (2):71-5
95. **Jain D**, Sharma MC, Sarkar C, Suri V, Garg A, Singh M, Sharma BS, Mahapatra AK. Clear cell Meningioma, an uncommon variant of meningioma: a clinicopathologic study of nine cases. **J Neurooncol.** 2007 Feb; 81(3):315-21
96. **Jain D**, Kumar Y, Vasishta RK, Rajesh L, Pattari SK, Chakrabarti A. Zygomycotic necrotizing fasciitis in immunocompetent patients –A series of 18 Cases: **Mod pathol** 2006 Sep;19 (9):1221-6
97. **Jain D**, Rajesh LS, Vasishta RK, Radotra BD, Banerjee AK. Demyelinating disease simulating brain tumours: A histopathologic assessment of seven cases. **Indian J Med Sci.** 2006 Feb; 60(2):47-52.
98. **Jain D**, Rajesh LS, Srinivasan R, Dey P, Patel FD. Utility of Mean nuclear volume in predicting disease-free survival in locally advanced invasive cervical squamous cell carcinoma. **Analyt Quant Cytol Histol**, 2004;26; 230-32.
99. **Jain D**, Srinivasan R, Patel FD, Gupta SK. Evaluation of P53, Bcl-2 expression as prognostic markers in invasive cervical carcinoma stage IIb/III patients treated by radiotherapy. **Gynecol Oncol**, 2003; 88; 22-28.

Original articles and Reviews (as Co-author)

1. Luis R, Thirunavukkarasu B, **Jain D**, Canberk S. Welcoming the new, revisiting the old: a brief glance at cytopathology reporting systems for lung, pancreas, and thyroid. **J Pathol Transl Med.** 2024 Jul;58(4):165-173.
2. Mohan SL, Dhamija E, Bakhshi S, Malik PS, Rastogi S, Sheragaru Hanumanthappa C, **Jain D**, Pandey R. Identification of CT Features to Differentiate Pulmonary Sarcoma from Carcinoma. **Indian J Radiol Imaging.** 2024 Jan 17;34(3):390-404
3. Rai D, Pattnaik B, Bangaru S, Tak J, Kumari J, Verma U, Vadala R, Yadav G, Dhaliwal RS, Kumar S, Kumar R, **Jain D**, Luthra K, Chosdol K, Palanichamy JK, Khan MA, Surendranath A, Mittal S, Tiwari P, Hadda V, Madan K, Agrawal A, Guleria R, Mohan A. microRNAs in exhaled breath condensate for diagnosis of lung cancer in a resource-limited setting: a concise review. **Breathe (Sheff).** 2023 Dec;19(4):230125.
4. Agarwal A, Garg D, Garg A, Shamim SA, Sharma MC, **Jain D**, Srivastava AK. Neurosarcoidosis: The Pan-Neurology Disease. **Ann Indian Acad Neurol.** 2023 Jul-Aug;26(4):376-381. doi: 10.4103/aian.aian_305_23.
5. Roden AC, Judge M, den Bakker MA, Fang W, **Jain D**, Marx A, Moreira AL, Rajan A, Stroebel P, Szolkowska M, Cooper WA. Dataset for reporting of thymic epithelial tumours: recommendations from the International Collaboration on Cancer Reporting (ICCR). **Histopathology.** 2023 Sep 18. doi: 10.1111/his.15047.
6. Mohan A, Madan K, Hadda V, Mittal S, Suri T, Shekh I, Guleria R, Khader A, Chhajed P, Christopher DJ, Swarnakar R, Agarwal R, Aggarwal AN, Aggarwal S, Agrawal G, Ayub II, Bai M, Baldwa B, Chauhan A, Chawla R, Chopra M, Choudhry D, Dhar R, Dhooria S, Garg R, Goel A, Goel M, Goyal R, Gupta N, Manjunath BG, Iyer H, **Jain D**, et al. Guidelines for endobronchial ultrasound-transbronchial needle aspiration (EBUS-TBNA): Joint Indian Chest Society (ICS)/Indian Association for Bronchology (IAB) recommendations. **Lung India.** 2023 Jul-Aug;40(4):368-400.
7. Nalwa A, Nakra T, Yadav R, Walia R, Agarwala S, Jana M, **Jain D**, Das P, Mathur SR, Iyer VK. Cytomorphology of paediatric hepatocellular carcinoma: A useful diagnostic adjunct. **Cytopathology.** 2023 Jun 26. doi: 10.1111/cyt.13266.

8. Canberk S, Field A, Bubendorf L, Chandra A, Cree IA, Engels M, Hiroshima K, **Jain D**, Kholová I, Layfield L, Mehrotra R, Michael C, Osamura R, Pitman MB, Roy-Chowdhuri S, Satoh Y, VanderLaan P, Zakowski M, Schmitt FC. A brief review of the WHO reporting system for lung cytopathology. **J Am Soc Cytopathol**. 2023 Jul-Aug;12(4):251-257.
9. Kanodia A, Kakkar A, Verma Y, Roy D, Verma H, Singh CA, Monga R, **Jain D**, Thakar A, Sikka K. Immunohistochemical Analysis of the Expression of Cytokeratins in Acquired Cholesteatoma and Its Clinico-Radiological Correlation. **J Audiol Otol**. 2023 Mar 13. doi: 10.7874/jao.2022.00451.
10. Iyer H, Ghosh T, Garg A, Agarwal H, **Jain D**, Pandey R, Bhalla AS, Kumar R, Vashistha V, Tiwari P, Mittal S, Hadda V, Madan K, Guleria R, Mohan A. Lung cancer in Asian Indian females: Identification of disease-specific characteristics and outcome measures over a 12-year period. **Lung India**. 2023 Jan-Feb;40(1):4-11.
11. Iyer H, Ghosh T, Agarwal H, Garg A, Pandey R, **Jain D**, Tiwari P, Mittal S, Hadda V, Madan K, Guleria R, Mohan A. Clinical profile of small-cell lung cancer in North India: A 12-year analysis from a tertiary care center. **Lung India**. 2022 Nov-Dec;39(6):495-501.
12. Invasion working group, Thunnissen E, Beasley MB, Borczuk A, Dacic S, Kerr KM, Minami Y, Nicholson AG, Sholl L, Tsao MS, Noguchi M, Lissenberg-Witte B, Le Quesne J, Roden AC, Chung JH, Yoshida A, Moreira AL, Lantuejoul S, Pelosi G, Poleri C, Hwang D, **Jain D**, Travis WD, Brambilla E, Chen G, Botling J, Bubendorf L, Mino-Kenudson M, Motoi N, Chou TY, Papotti M, Yatabe Y, Cooper W. Defining morphologic features of invasion in pulmonary non-mucinous adenocarcinoma with lepidic growth - A proposal by the IASLC Pathology Committee. **J Thorac Oncol**. 2022 Dec 8:S1556-0864(22)01936-0.
13. Schmitt FC, Bubendorf L, Canberk S, Chandra A, Cree IA, Engels M, Hiroshima K, **Jain D**, Kholová I, Layfield L, Mehrotra R, Michael CW, Osamura R, Pitman MB, Roy-Chowdhuri S, Satoh Y, VanderLaan P, Zakowski MF, Field AS. The World Health Organization Reporting System for Lung Cytopathology. **Acta Cytol**. 2022 Dec 12;67(1):80-91.
14. Roy D, Sriram S, Kakkar A, Kumar R, Kaur K, **Jain D**, Sharma A, Thakar A. Cytological diagnosis of olfactory neuroblastoma at metastatic sites, with emphasis on role of insulinoma-associated protein 1 immunocytochemistry. **Diagn Cytopathol**. 2022 Nov 12. doi: 10.1002/dc.25074.
15. Mino-Kenudson M, Schalper K, Cooper W, Dacic S, Hirsch FR, **Jain D**, Lopez-Rios F, Tsao MS, Yatabe Y, Beasley MB, Yu H, Sholl LM, Brambilla E, Chou TY, Connolly C, Wistuba I, Kerr KM, Lantuejoul S; IASLC Pathology Committee. Predictive Biomarkers for Immunotherapy in Lung Cancer: Perspective from the IASLC Pathology Committee. **J Thorac Oncol**. 2022 Sep 29:S1556-0864(22)01695-1.
16. Dhochak N, Mittal S, Mohan A, **Jain D**, Jat KR, Jana M, Kabra SK, Madan K. Transbronchial lung cryobiopsy for diffuse lung diseases in children: A case series. **Pediatr Pulmonol**. 2022 Jul 13. doi: 10.1002/ppul.26074.
17. Pandey N, Chongtham J, Pal S, Ali A, Lalwani S, **Jain D**, Mohan A, Srivastava T. When "No-Smoking" is not enough: Hypoxia and nicotine acetylcholine receptor signaling may drive lung adenocarcinoma progression in never-smokers. **Biochim Biophys Acta Mol Cell Res**. 2022 May 29:119302.
18. Raman R, Ramamohan V, Rathore A, **Jain D**, Mohan A, Vashistha V. Prevalence of highly actionable mutations among Indian patients with advanced non-small cell lung cancer: A systematic review and meta-analysis. **Asia Pac J Clin Oncol**. 2022 May 30. doi: 10.1111/ajco.13802.
19. Roden AC, Ahmad U, Cardillo G, Girard N, **Jain D**, Marom EM, et al. Thymic Carcinomas - A Concise Multidisciplinary Update on Recent Developments from the Thymic Carcinoma Working Group of the International Thymic Malignancy Interest Group. **J Thorac Oncol**. 2022 Feb 25:S1556-0864(22)00090-9.

20. Garg A, Iyer H, Jindal V, Vashistha V, Ali A, **Jain D**, Tiwari P, Mittal S, Madan K, Hadda V, Guleria R, Sati HC, Mohan A. Prognostic factors for treatment response and survival outcomes after first-line management of Stage 4 non-small cell lung cancer: A real-world Indian perspective. **Lung India**. 2022 Mar-Apr;39(2):102-109.
21. Nicholson AG, Tsao MS, Beasley MB, Borczuk AC, Brambilla E, Cooper WA, Dacic S, **Jain D**, Kerr KM, Lantuejoul S, Noguchi M, Papotti M, Rekhtman N, Scagliotti G, van Schil P, Sholl L, Yatabe Y, Yoshida A, Travis WD. The 2021 WHO Classification of Lung Tumors: Impact of advances since 2015. **J Thorac Oncol**. 2021 Nov 19:S1556-0864(21)03316-5.
22. Kumar S, Pandey M, Mir IA, Mukhopadhyay A, Sharawat SK, **Jain D**, Saikia J, Malik PS, Kumar S, Mohan A. Evaluation of the programmed death-ligand 1 mRNA expression and immunopositivity and their correlation with survival outcomes in Indian lung cancer patients. **Hum Cell**. 2021 Nov 17. doi: 10.1007/s13577-021-00647-4.
23. Marx A, Chan JKC, Chalabreysse L, Dacic S, Detterbeck F, French CA, Hornick JL, Inagaki H, **Jain D**, et al. The 2021 World Health Organization Classification of Tumors of the Thymus and Mediastinum: What's new in thymic epithelial, germ cell and mesenchymal tumors? **J Thorac Oncol**. 2021 Oct 22:S1556-0864(21)03258-5.
24. Kakkar D, Mallick S, Ahmad A, Goswami A, Agarwala S, Gupta AK, Sreenivas V, Bakhshi S, Devasenathipathy K, Mathur S, **Jain D**, Seth R, Iyer VK. Differential expression of miRNA in histological subtype of Wilms tumor. **Pediatr Surg Int**. 2021 Oct 21. doi: 10.1007/s00383-021-05034-6
25. Rajamohan N, Goyal A, Kandasamy D, Bhalla AS, Parshad R, **Jain D**, Sharma R. CT texture analysis in evaluation of thymic tumors and thymic hyperplasia: correlation with the international thymic malignancy interest group (ITMIG) stage and WHO grade. **Br J Radiol**. 2021 Oct 5:20210583.
26. Liu CY, Chen CC, Bychkov A, Agarwal S, Zhu Y, Hang JF, Lai CR, Na HY, Park SY, Li W, Liu Z, **Jain D**, et al. Constitutive Cytomorphologic Features of Medullary Thyroid Carcinoma Using Different Staining Methods. **Diagnostics (Basel)**. 2021 Aug 2;11(8):1396.
27. Mittal A, Malik PS, Kumar S, Saikia J, Chitikela S, Khurana S, Bharti S, **Jain D**, Pathy S, Thulkar S, Kumar R, Madan K, Mohan A. Dose-dense Paclitaxel and Carboplatin as Neoadjuvant Chemotherapy for Stage IIB/IIIA Non-small Cell Lung Cancer - A Phase II trial. **Clin Oncol (R Coll Radiol)**. 2021 Jul 30:S0936-6555(21)00267-3.
28. Kumar N, Malik PS, Bharati SJ, Yadav M, **Jain D**, Kumar S. Primary lung cancer with chest wall involvement: Outcomes of a multimodality management approach. **Lung India**. 2021 Jul-Aug;38(4):338-342.
29. Kakkar A, Kumar M, Subramanian P, Zubair A, Kumar R, Thakar A, **Jain D**, Mathur SR, Iyer VK. Utility of the Milan system for Reporting Salivary Gland Cytopathology during Rapid on site evaluation (ROSE) of salivary gland aspirates. **Cytopathology**. 2021 Jul 17. doi: 10.1111/cyt.13038.
30. Ray A, **Jain D**, Goel A, Agarwal S, Swaroop S, Das P, et al. Clinico-pathological features in fatal Covid-19 Infection: A Preliminary Experience of a Tertiary Care Centre in North India using Post-Mortem Minimally Invasive Tissue Sampling. **Expert Rev Respir Med**. 2021 Jul 6. doi: 10.1080/17476348.2021.
31. Mohan A, Iyer H, Madan K, Hadda V, Mittal S, Tiwari P, **Jain D**, Pandey RM, Garg A, Guleria R. A randomized comparison of sample adequacy and diagnostic yield of various suction pressures in EBUS-TBNA. **Adv Respir Med**. 2021;89(3):268-276.
32. Vashistha V, Garg A, Iyer H, **Jain D**, Madan K, Hadda V, Guleria R, Mohan A. A comprehensive comparison between young and older-age non-small cell lung cancer patients at a public referral centre in Delhi, India. **Ecancermedicalscience**. 2021 Apr 27;15:1223.

33. Naresh G, Malik PS, Khurana S, Pushpam D, Sharma V, Yadav M, **Jain D**, Pathy S. Assessment of Brain Metastasis at Diagnosis in Non-Small-Cell Lung Cancer: A Prospective Observational Study From North India. **JCO Glob Oncol**. 2021 Apr;7:593-601.
34. Yadav A, Malik PS, Khurana S, **Jain D**, Vishnubhatla S, Yadav M, Pathy S, Mohan A, Kumar L. An Open-Label Randomized Controlled Trial Comparing the Efficacy and Safety of Pemetrexed-Carboplatin versus (Weekly) Paclitaxel-Carboplatin as First-Line Chemotherapy in Advanced Non-Squamous Non-Small Cell Lung Cancer. **Oncology**. 2021 Mar 18:1-8.
35. Lee T, Clarke JM, **Jain D**, Ramalingam S, Vashistha V. Precision treatment for metastatic non-small cell lung cancer: A conceptual overview. **Cleve Clin J Med**. 2021 Feb 1;88(2):117-127.
36. Kaur K, Kakkar A, Manchanda S, Chatterjee P, Kaur H, Mishra D, Verma H, Kumar R, Sagar P, **Jain D**, Bhalla AS. Sinonasal IgG4-related disease: a rare and emerging entity broadening the differential diagnosis in the sinonasal universe. **Eur Arch Otorhinolaryngol**. 2021 Jan 4. doi: 10.1007/s00405-020-06564
37. Mohan A, Ansari A, Masroor M, Saxena A, Pandey RM, Upadhyay A, Luthra K, Khilnani GC, **Jain D**, Kumar R, Guleria R. Measurement of Serum EGFR mRNA Expression is a Reliable Predictor of Treatment Response and Survival Outcomes in Non- Small Cell Lung Cancer. **Asian Pac J Cancer Prev**. 2020 Nov 1;21(11):3153-3163.
38. Nakra T, **Jain D**, Agarwal S. Thyroid lymphoproliferative lesions in Asia. **Gland Surg**. 2020 Oct;9(5):1827-1837.
39. Liu CY, Bychkov A, Agarwal S, Zhu Y, Hang JF, Lai CR, Na HY, Li W, Liu Z, **Jain D** et al. Cytologic diagnosis of medullary thyroid carcinoma in the Asia-Pacific region [published online ahead of print, 2020 Aug 22]. **Diagn Cytopathol**. 2020;10.1002/dc.24586. doi:10.1002/dc.24586
40. Madan K, Mittal S, Madan NK, Tiwari P, **Jain D**, et al. EBUS-TBNA versus EUS-B-FNA for the evaluation of undiagnosed mediastinal lymphadenopathy: The TEAM randomized controlled trial [published online ahead of print, 2020 Aug 3]. **Clin Respir J**. 2020;10.1111/crj.13244. doi:10.1111/crj.13244
41. Sehgal IS, Gupta N, Dhooria S, Aggarwal AN, Madan K, **Jain D** et al. Processing and Reporting of Cytology Specimens from Mediastinal Lymph Nodes Collected using Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration: A State-of-the-Art Review. **J Cytol**. 2020;37(2):72-81.
42. Haefliger S, **Jain D**, Menter T, et al. Lamellar Inclusions within Hyperplastic Endoplasmic Reticulum in Benign Mesothelial Cells [published online ahead of print, 2020 Jun 29]. **Acta Cytol**. 2020;1-5. doi:10.1159/000508757
43. Moreira AL, Ocampo PS, Xia Y, ...**Jain D** et al. A Grading system for invasive pulmonary adenocarcinoma: a proposal from the IASLC pathology committee [published online ahead of print, 2020 Jun 17]. **J Thorac Oncol**. 2020;S1556-0864(20)30468-8.
44. Sholl LM, Hirsch FR, Hwang D, Botling J, Lopez-Rios F, Bubendorf L, Mino-Kenudson M, Roden AC, Beasley MB, Borczuk A, Brambilla E, Chen G, Chou TY, Chung JH, Cooper WA, Dacic S, Lantuejoul S, **Jain D**, et al. Tumor Mutation Burden: Promises and Challenges A Perspective from the IASLC Pathology Committee [published online ahead of print, 2020 Jun 6]. **J Thorac Oncol**. 2020;S1556-0864(20)30424-X.
45. Garg A, Batra U, Choudhary P, **Jain D**, et al. Clinical predictors of response to EGFR-tyrosine kinase inhibitors in EGFR-mutated non-small cell lung cancer: A real-world multicentric cohort analysis from India [published online ahead of print, 2020 Mar 20]. **Curr Probl Cancer**. 2020;100570.
46. Mohan A, Garg A, Gupta A, Sahu S, Choudhary C, Vashistha V, Ansari A, Pandey R, Seith AS, Madan K, Hadda V, Iyer H, **Jain D**, et al. Clinical profile of lung cancer

- in North India: A 10 year analysis of 1862 patients from a tertiary care center. **Lung India** 2020;37:190-7
47. Chakraborty P, Dash SP, Dalpati N, Kumar P, **Jain D**, Sarangi PP. A C-terminal fragment of adhesion protein fibulin-7 inhibits growth of murine breast tumor by regulating macrophage reprogramming. **FEBS J**. 2020 Apr 16.
 48. Kumar S, Saikia J, Kumar V Jr, Malik PS, Madan K, **Jain D**, Bharati S. Neoadjuvant chemotherapy followed by surgery in lung cancer: Indian scenario. **Curr Probl Cancer**. 2020 Mar 4.
 49. Zhu Y, Li Y, Jung CK, Song DE, Hang JF, Liu Z, **Jain D**, Lai CR, Hirokawa M, Kakudo K, Bychkov A. Histopathologic Assessment of Capsular Invasion in Follicular Thyroid Neoplasms-an Observer Variation Study. **Endocr Pathol**. 2020 Mar 31.
 50. Travis WD*, Dacic S, Wistuba I, Sholl L, Adusumilli P, Bubendorf L, Bunn P, Cascone T, Chaft J, Chen G, Chou TY, Cooper W, Erasmus JJ, Ferreira CG, Goo JM, Heymach J, Hirsch FR, Horinouchi H, Kerr K, Kris M, **Jain D**, et al. IASLC multidisciplinary recommendations for pathologic assessment of lung cancer resection specimens following neoadjuvant therapy. **J Thorac Oncol**. 2020 Jan 28.
 51. Kancharla H, Gundu N, Pathak N, Vandidassane I, Khurana S, Pushpam D, **Jain D**, Kumar S, Pathy S, Mohan A, Malik PS*. Cytotoxic chemotherapy in advanced non-small cell lung cancer with poor performance status: A retrospective analysis from routine clinical practice. **Curr Probl Cancer**. 2020 Jan 20
 52. Effusion Guidelines Committee of IAC Guidelines drafting and finalization committee, Srinivasan R*, Rekhi B, Rajwanshi A, Pathuthara S, Mathur S, **Jain D**, Gupta N, Gautam U, Rai N, Nijhawan VS, Iyer V, Dey P, Deb P, Prasoon D. Indian Academy of Cytologists Guidelines for Collection, Preparation, Interpretation, and Reporting of Serous Effusion Fluid Samples. **J Cytol**. 2020 Jan-Mar;37(1):1-11.
 53. Agaimy A*(1), **Jain D**(2), Uddin N(3), Rooper LM(4), Bishop JA(5). SMARCA4-deficient Sinonasal Carcinoma: A Series of 10 Cases Expanding the Genetic Spectrum of SWI/SNF-driven Sinonasal Malignancies. **Am J Surg Pathol**. 2020 Jan 13.
 54. Nakra T, Roy M, Yadav R*, Agarwala S, Jassim M, Khanna G, Das P, **Jain D**, Mathur SR, Iyer VK. Cytomorphology of hepatoblastoma with histological correlation and role of SALL4 immunocytochemistry in its diagnosis, subtyping, and prognostication. **Cancer Cytopathol**. 2019 Dec 27.
 55. Lantuejoul S, Tsao MS, Cooper WA, Girard N, Hirsch FR, Roden AC, Lopez-Rios F, **Jain D**, ...Kenudson MM*. PD-L1 Testing for Lung Cancer in 2019: Perspective from the IASLC Pathology Committee. **J Thorac Oncol**. 2019 Dec 20.
 56. Lepe M*(1), Oltulu P(1), Canepa M(1), Wu RI(1), Deeken A(1), Alex D(1), Dinares C(1), Duxtader EE(1), Fitzhugh VA(1), Gibier JB(1), **Jain D**(1), et al. #EBUSTwitter: Novel Use of Social Media for Conception, Coordination, and Completion of an International, Multicenter Pathology Study. **Arch Pathol Lab Med**. 2019 Dec 17.
 57. Vashistha V*, Choudhari C, Garg A, Gupta A, Parthasarathi G, **Jain D et al**. The time required to diagnose and treat lung cancer in Delhi, India: an updated experience of a public referral center. **Appl Cancer Res** 2019; **39** doi:10.1186/s41241-019-0080-5
 58. Bansal S, Mittal S, Tiwari P, **Jain D**, Arava S, Hadda V, ...Madan K*. Rigid Mini-Thoracoscopy Versus Semirigid Thoracoscopy in Undiagnosed Exudative Pleural Effusion: The MINT Randomized Controlled Trial. **J Bronchology Interv Pulmonol**. 2019 Aug 30.
 59. Shah AA(1), **Jain D**(2), Ababneh E(1), Agaimy A(3), Hoschar AP(1), Griffith CC(1)(4), Magliocca KR(4), Wenig BM(5), Rooper LM(6), Bishop JA*. SMARCB1 (INI-1)-Deficient Adenocarcinoma of the Sinonasal Tract: A Potentially Under-

- Recognized form of Sinonasal Adenocarcinoma with Occasional Yolk Sac Tumor-Like Features. **Head Neck Pathol.** 2019 Aug 29. doi: 10.1007/s12105-019-01065-7.
60. Guleria P(1), Agarwal S*(2), Iyer VK(1), **Jain D**(1), Mathur SR(1), Yadav D(1). Subcategorisation of AUS/FLUS thyroid lesions as per the 2017 Bethesda System for Reporting Thyroid Cytopathology: a retrospective study from a tertiary care centre analysing risk of malignancy (ROM) of the different subcategories. **J Clin Pathol.** 2019 Aug 2.
 61. Porubsky S(1), Rudolph B(2), Rückert JC(3), Küffer S(4), Ströbel P(4), Roden AC(5), **Jain D**(6), Tousseyn T(7), Van Veer H(8), Huang J(9).....Marx A*; International Thymic Malignancy Interest Group (ITMIG). EWSR1-translocation in primary hyalinising clear cell carcinoma of the thymus. **Histopathology.** 2019 May 3.
 62. Breta M(1), Arava S*(2), Madan K(3), Singh A(4), **Jain D**(2), Guleria R(3). Endobronchial metastasis from extrathoracic malignancies: A clinicopathological study of 11 cases. **Lung India.** 2019 May-Jun;36(3):212-215.
 63. Phulware RH, Guleria P, Iyer VK, Bakhshi S, Seth R, Mridha AR, **Jain D**....Mathur S*. Cytological diagnosis of Langerhans Cell histiocytosis: a series of 47 cases. **Cytopathology.** 2019 Apr 24.
 64. Kaur K, Kakkar A*, Bhardwaj N, Sakthivel P, Singh CA, **Jain D**, *et al.* Spectrum of cytomorphological features of extranodal NK/ T-cell lymphoma, nasal type. **Cytopathology.** 2019 Apr 12. doi: 10.1111/cyt.12705
 65. Liu Z, Bychkov A, Jung CK, Hirokawa M, Sui S, Hong S, Lai CR, **Jain D**, Canberk S, Kakudo K*. Interobserver and intraobserver variation in the morphological evaluation of noninvasive follicular thyroid neoplasm with papillary-like nuclear features in Asian practice. **Pathol Int.** 2019 Feb 27. doi: 10.1111/pin.12779.
 66. Doxtader EE, Pijuan L, Lepe M, Alex D, Canepa M, Deeken AH, Gibier JB, **Jain D**,Mukhopadhyay S*. Displaced Cartilage Within Lymph Node Parenchyma is a Novel Biopsy Site Change in Resected Mediastinal Lymph Nodes Following EBUS-TBNA. **Am J Surg Pathol.** 2019 Apr;43(4):497-503.
 67. Vallonthaial AG(1), Yadav R*(1), **Jain D**(1), Mathur SR(1), Iyer VK(1). Mucinous adenocarcinoma of gallbladder: Subcategorisation on fine-needle aspiration cytology. **Diagn Cytopathol.** 2019 Feb;47(2):110-113
 68. Sharma A(1), Pandey AK(1), Mohan A(2), Bhalla AS(3), Vishnubhatla S(4), SharmaMC(5), **Jain D**(5),Kumar R*. Standardization of image reconstruction parameters for dynamic fluorine-18-fluorodeoxyglucose positron emission tomography/computed tomography. **Nucl Med Commun.** 2018 Dec;39(12):1207-1217.
 69. Guleria P, Phulware R, Agarwal S*, **Jain D**, Mathur SR, Iyer VK, *et al.* Cytopathology of Solid Variant of Papillary Thyroid Carcinoma: Differential Diagnoses with other Thyroid Tumors. **Acta Cytol.** 2018 Sep 25:1-9.
 70. Bychkov A, Keelawat S, Agarwal S, **Jain D**, Jung CK, Hong S,Kakudo K*. Impact of non-invasive follicular thyroid neoplasm with papillary-like nuclear features on the Bethesda system for reporting thyroid cytopathology: a multi-institutional study in five Asian countries. **Pathology.** 2018 Jun;50(4):411-417.
 71. Mahajan S, Agarwal S*, Kocheri N, **Jain D**, Mathur SR, Iyer VK. Cytopathology of non-invasive follicular thyroid neoplasm with papillary-like nuclear features: A comparative study with similar patterned papillary thyroid carcinoma variants. **Cytopathology.** 2018 Jun;29(3):233-240.
 72. Ramteke P, Chitrakar S, Singh A, Mallick S, Mathur SR, **Jain D**,Iyer VK*. Anaplastic lymphoma kinase immunocytochemistry in fine needle aspiration diagnosis of anaplastic large-cell lymphoma. **J Cytol** 2018;35:37-40
 73. Ayub II, Mohan A, Madan K, Hadda V, **Jain D**, Khilnani GC, ...Guleria R*. Identification of Specific EBUS sonographic characteristics for predicting benign mediastinal lymphnodes. **Clin Respir J.** 2018 Feb;12(2):681-690.

74. Arava S*, Nambirajan A, Hadda V, **Jain D**, Gupta SD. Systematic Pathological Approach in the Evaluation of Interstitial Lung Diseases: An Overview. **Indian J Chest Dis Allied Sci** 2017;59:23-32
75. Roy M, Kaushal S, **Jain D**, Seth A, Iyer VK, Mathur SR*. An institutional experience with The Paris System: A paradigm shift from ambiguous terminology to more objective criteria for reporting urine cytology. **Cytopathology**. 2017 Dec;28(6):509-515.
76. Capelozzi VL, Allen TC*, Beasley MB, Cagle PT, Guinee D, Hariri LP, Husain AN, **Jain D**, et al. Molecular and Immune Biomarkers in Acute Respiratory Distress Syndrome: A Perspective from Members of the Pulmonary Pathology Society. **Arch Pathol Lab Med**. 2017 Dec;141(12):1719-1727.
77. Roy M(1), Kumar S, Bhatla N, Ray MD, Kumar L, **Jain D**,Mathur S*. Androgen Receptor Expression in Endometrial Stromal Sarcoma: Correlation With Clinicopathologic Features. **Int J Gynecol Pathol**. 2017 Sep;36(5):420-427
78. Hadda V*, Tiwari P, Madan K, Mohan A, Gupta N, Bharti SJ, Kumar V, Garg R, Trikha A, **Jain D** et al. Pulmonary alveolar proteinosis: Experience from a tertiary care center and systematic review of Indian literature. **Lung India** 2016;33:626-34.
79. Malik PS, **Jain D**, Kumar L*. Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors in Advanced Non-Small Cell Lung Cancer. **Oncology**. 2016 Jul 28;91 Suppl 1:26-34.
80. Madan NK(1), Madan K*(2), **Jain D**(1), Walia R(1), Mohan A(2), Hadda V(2), et al. Utility of conventional transbronchial needle aspiration with rapid on-site evaluation (c-TBNA-ROSE) at a tertiary care center with endobronchial ultrasound (EBUS) facility. **J Cytol**. 2016 Jan-Mar;33(1):22-26.
81. Purkait S, Agarwal S, Mathur SR, **Jain D**, Iyer VK*. Fine needle aspiration cytology features of poorly differentiated thyroid carcinoma. **Cytopathology**. 2016 Jun;27(3):176-84.
82. Kakkar A, Mathur SR*, **Jain D**, Iyer VK, Nalwa A, Sharma MC. Utility of DOG1 Immunomarker in Fine Needle Aspirates of Gastrointestinal Stromal Tumor. **Acta Cytol**. 2015;59(1):61-7.
83. Nattusamy L, Madan K*, Mohan A, Hadda V, **Jain D**, Madan NK, et al. Utility of semi-rigid thoracoscopy in undiagnosed exudative pleural effusion. **Lung India**. 2015 Mar-Apr;32(2):119-26.
84. Walia R, Madan K*, Mohan A, **Jain D**, Hadda V, Khilnani GC, Guleria R. Diagnostic utility of conventional transbronchial needle aspiration without rapid on-site evaluation in patients with lung cancer. **Lung India**. 2014 Jul;31(3):208-11.
85. Sharma SK*, Kohli M, Chaubey J, Yadav RN, Sharma R, Singh BK, Sreenivas V, Sharma A, Bhatia R, **Jain D**, Seenu V, Dhar A, Soneja M. Evaluation of Xpert MTB/RIF assay performance in diagnosing extrapulmonary tuberculosis among adults in a tertiary care centre in India. **Eur Respir J**. 2014 Oct;44(4):1090-3.
86. Madan K, Mohan A, Ayub II, **Jain D**, Hadda V, Khilnani GC, Guleria R*. Initial Experience With Endobronchial Ultrasound-guided Transbronchial Needle Aspiration (EBUS-TBNA) From a Tuberculosis Endemic Population. **J Bronchology Interv Pulmonol**. 2014 Jul;21(3):208-14.
87. Kumar A, Acharya SK*, Singh SP, Saraswat VA, Arora A, Duseja A, Goenka MK, **Jain D**, et al; (The INASL Task-Force on Hepatocellular Carcinoma). The Indian National Association for Study of the Liver (INASL) Consensus on Prevention, Diagnosis and Management of Hepatocellular Carcinoma in India: The Puri Recommendations. **J Clin Exp Hepatol**. 2014 Aug;4(Suppl 3):S3-S26.
88. Hütt-Cabezas M, Karajannis MA, Zagzag D, Shah S, Horkayne-Szakaly I, Rushing EJ, Cameron JD, **Jain D**, Eberhart CG*, Raabe EH, Rodriguez FJ. Activation of mTORC1/mTORC2 signaling in pediatric low-grade glioma and pilocytic astrocytoma reveals mTOR as a therapeutic target. **Neuro Oncol**. 2013 Dec;15(12):1604-14.

89. Mallick S, Ghosh R, Iyer VK, **Jain D**, Mathur SR*. Cytomorphological and Morphometric Analysis of 22 Cases of Rosai-Dorfman Disease: A Large Series from a Tertiary Care Centre. **Acta Cytol.** 2013;57(6):625-32.
90. Singh G, Mathur SR*, Iyer VK, **Jain D**. Cytopathology of neoplastic meningitis: A series of 66 cases from a tertiary care center. **CytoJournal** 2013;10:13
91. Nayak NC*, **Jain D**, Vasdev N, Gulwani H, Saigal S, Soin A. Etiologic types of end-stage chronic liver disease in adults: analysis of prevalence and their temporal changes from a study on native liver explants. **Eur J Gastroenterol Hepatol.** 2012 Oct;24(10):1199-208.
92. Nayak NC, **Jain D**, Saigal S*, Soin AS. Non-cirrhotic portal fibrosis: one disease with many names? An analysis from morphological study of native explant livers with end stage chronic liver disease. **J Clin Pathol.** 2011 Jul;64(7):592-8.
93. Orr BA, Bai H, Odia Y, **Jain D**, Anders RA, Eberhart CG*. Yes-Associated Protein 1 Is Widely Expressed in Human Brain Tumors and Promotes Glioblastoma Growth. **J Neuropathol Exp Neurol.** 2011 Jul;70(7):568-77.
94. Raabe EH, Lim KS, Kim JM, Meeker A, Mao XG, Nikkhah G, Maciarczyk J, Kahlert U, **Jain D**, Bar E, Cohen KJ, Eberhart CG*. BRAF Activation Induces Transformation and Then Senescence in Human Neural Stem Cells: A Pilocytic Astrocytoma Model. **Clin Cancer Res.** 2011 Jun 1;17(11):3590-9.
95. Rishi A, Sharma MC*, Sarkar C, **Jain D**, Singh M, Mahapatra AK, Mehta VS, Das TK. A clinicopathological and immunohistochemical study of clinically non-functioning pituitary adenomas: A single institutional experience. **Neurol India.** 2010 May-Jun;58(3):418-23.
96. Sharma MC*, **Jain D**, Sarkar C, Suri V, Garg A, Singh M, Mahapatra AK, Sharma BS. Spinal teratomas: a clinico-pathological study of 27 patients. **Acta Neurochir (Wien).** 2009 Mar;151(3):245-52; discussion 252.
97. Sharma MC*, **Jain D**, Gupta A, Sarkar C, Suri V, Garg A, Gaikwad SB, Chandra PS. Dysembryoplastic neuroepithelial tumor: a clinicopathological study of 32 cases. **Neurosurg Rev.** 2009 Apr;32(2):161-70.
98. Sharma MC*, **Jain D**, Sarkar C, Goebel HH. Congenital myopathies - a comprehensive update of recent advancements. **Acta Neurol Scand.** 2009 May;119(5):281-92.
99. Sharma MC*, Ghara N, **Jain D**, Sarkar C, Singh M, Mehta VS. A study of proliferative markers and tumor suppressor gene proteins in different grades of ependymomas. **Neuropathology.** 2009 Apr;29(2):148-55.
100. Das P, **Jain D**, Vaiphei K*, Wig JD. Abberant Crypt Foci - Importance in Colorectal Carcinogenesis and Expression of p53 and mdm2: A Changing Concept. **Dig Dis Sci.** 2008 Aug;53(8):2183-8.
101. Das P, Vaiphei K*, **Jain D**, Jai Dev Wig. p53 and mdm2 Expression in Colorectal Carcinoma: A Correlative Analysis With Clinical Staging and Histological parameters. **Int J Surg Pathol.** 2007 Oct;15(4):335-45.
102. Jain VK*, **Jain D**, Kataria H, Shukla A, Arya RK, Mittal D. Melioidosis: A review of orthopaedic manifestations, clinical features, diagnosis and management: **Indian J Med Sci.** 2007 Oct;61(10):580-90.
103. Das P, **Jain D**, Das A*. A retrospective autopsy study of histopathologic spectrum and etiologic trend of fulminant hepatic failure from north India. **Diagn Pathol.** 2007 Jul 27; 2 (1):27.
104. Sharma MC*, Gulati S, Sarkar C, **Jain D**, Kalra V, Suri V. Multi mini core disease: A rare form of myopathy. **Neurol India** 2007;55(1); 50-3.
105. Jain VK*, **Jain D**, Murthy BS, Mittal D. Smoking Related Musculoskeletal Disorders- A Review **J Orthopaedics** 2006;3(2)e5

Case reports and Letters (As First and/Corresponding author)

1. Dutta R, Nambirajan A, Kumar S, Bhalla A, Tyagi R, Sharma MC, Rastogi S, Mohan A, **Jain D**. A Mediastinal Mass in a Middle-Aged Woman From a Rare Cause. **Chest**. 2022 Oct;162(4):e183-e190.
2. Singh P, Nambirajan A, Gaur MK, Raj R, Kumar S, Malik PS, **Jain D**. Primary pulmonary epithelioid inflammatory myofibroblastic sarcoma: a rare entity and a literature review. **J Pathol Transl Med**. 2022 Jul;56(4):231-237.
3. **Jain D**. SMARCA4 related thoracic/pulmonary tumors: a diagnostic conundrum in cytology. **J Am Soc Cytopathol**. 2022 Apr 27:S2213-2945(22)00044-8.
4. Gheware A, Rathor A, **Jain D**. From bench to bedside and beyond: Challenges in direct KRAS targeting. **Cancer Res Stat Treat** 2021;4:789- 90.
5. Gupta I, Bhalla AS, Mallick S, Mohan A, **Jain D**. An enigma of a rare pulmonary neoplasm in bronchial brushings. **Cytopathology**. 2021 Apr 29. doi: 10.1111/cyt.12971.
6. **Jain D**. Pediatric mediastinal tumors: clinicopathologic spectrum. **Mediastinum** 2020;4:1.
7. Nambirajan A, Parshad R, Goyal A, N K M, **Jain D**. Innocuous clinical presentation of a SMARCA4-deficient thoracic sarcoma arising in a patient with chronic empyema thoracis. **Pathology**. 2019 Aug 27.
8. Nambirajan A, Singh V, Irugu DVK, Agarwal S, **Jain D**. Spindle epithelial tumour with thymus-like elements presenting with lymph node metastasis: An illustrative case report with review of literature. **Cytopathology**. 2019 Jun 18.
9. Guleria P(1), Madan K(2), Kumar S(3), Saikia J(3), **Jain D**(4). Pulmonary epithelial myoepithelial carcinoma with papillary architecture: an uncommon morphology of a rare tumour. **Pathology**. 2019 Apr 20.
10. Guleria P, Mallick SR, Ramteke P, **Jain D**. Cytomorphological clues for a correct diagnosis of anaplastic lymphoma kinase-positive large B-cell lymphoma. **Cytopathology**. 2019 Jul;30(4):432-435.
11. Rajeshwari M, Singh V, Nambirajan A, Mridha AR, **Jain D**. Carcinoma showing thymus like elements: report of a case with EGFR T790M mutation. **Diagn Cytopathol**. 2018 May;46(5):413-418.
12. **Jain D**, Tamm MM, Savic S, Bubendorf L. Alveolar herniation in transbronchial lung biopsy: a newly recognized diagnostic pitfall. **Histopathology**. 2018 Mar;72(4):710-712
13. Nambirajan A, Batool S, Mandal P, Nakra T, Agarwal S, **Jain D**. Rosettes in papillary carcinoma of thyroid: A rare cytomorphological indicator of aggressive variants. **Cytopathology**. 2017 Dec;28(6):560-562.
14. Vallonthaial AG, Walia R, Pramanik R, Sharma MC, **Jain D**. p40 in metastatic pulmonary trophoblastic tumour: potential diagnostic pitfall on histopathology. **Malays J Pathol**. 2017 Aug;39(2):175-179.
15. Kumari K, **Jain D**, Kumar R, Mohan A, Kumar R. Metastatic carotid body paraganglioma of lungs and lymph nodes: Unsuspected diagnosis on EBUS-TBNA. **Diagn. Cytopathol**. 2017 Apr;45(4):327-332.
16. Kakkar A, **Jain D**, Mathur SR, Iyer VK, Sarkar C, Ranjan Dash N. Atypical cytological features of solid pseudopapillary neoplasm of the pancreas metastatic to the liver. **Cytopathology**. 2016 Jun;27(3):218-20.
17. **Jain D**1. Acid Fast Property of Histoplasma: A Concept Revitalized. **Int J Surg Pathol**. 2016 Dec;24(8):724-725.
18. **Jain D**, Mallick SR, Singh V, Singh G, Mathur SR, Sharma MC. Napsin A Expression in Anaplastic Lymphoma Kinase-positive Diffuse Large B-Cell Lymphoma: A Diagnostic Pitfall. **Appl Immunohistochem Mol Morphol**. 2016 May-Jun;24(5):e34-40.

19. NambirajanA(1), **Jain D**(1), Malik P(2), Arava S(1), Mathur SR(1). Metastatic alveolar soft part sarcoma of the lung: a morphologic pitfall on cytology and aberrant CD10 expression on histology. **Diagn Cytopathol**. 2016 Mar;44(3):250-4.
20. Vallonthaiei AG, Kaur K, **Jain D**, Singh G, Tiwari D, Pramanik R, et al. Ewing Sarcoma of Urinary Bladder Showing EWSR1 Rearrangement on FISH Analysis and Unique Response to Chemotherapy. **Clin Genitourin Cancer**. 2016 Apr;14(2):e183-6.
21. Kakkar A1, Kaur K1, Kumar T1, Cherian LB1, Kaushal R2, Sharma MC1, Dhar A3, Seth A2, **Jain D**4. Pigmented Pheochromocytoma: an Unusual Variant of a Common Tumor. **EndocrPathol**. 2016 Mar;27(1):42-5.
22. **Jain D**, Arava S, Mishra B, Sharma S, Sharma R, Parshad R. Soft Tissue Giant Cell Tumor of Low Malignant Potential of Mediastinum: A Rare Case Report. **Int J Surg Pathol**. 2015 Feb;23(1):71-4.
23. Purkait S, **Jain D**, Madan K, Mathur S, Iyer VK. Combined small cell carcinoma of the lung: a case diagnosed on bronchoscopic wash cytology and bronchial biopsy. **Cytopathology**. 2015 Jun;26(3):197-9.
24. Roy M, **Jain D**, Bakhshi S, Mathur S, Iyer VK. Primary Langerhans cell histiocytosis of the thyroid gland: role of langerin in FNA cytological diagnosis. **Cytopathology**. 2015 Apr;26(2):128-30.
25. **Jain D**. Steatohepatic hepatocellular carcinoma: a metabolic syndrome associated carcinoma. **Histopathology**. 2015 Aug;67(2):267.
26. Kakkar A, **Jain D**, Khanna P, Deol SSV, Sarkar C. Sarcomatoid carcinoma of lung. A case report and review of epidermal growth factor receptor mutation status. **Lung India** 2015;32 :533-35.
27. Roy M1, **Jain D**, Yadav R, Mathur SR, Iyer VK. TTF-1 and Napsin-A Are Not Markers for Biliary Phenotype: An Immunohistochemical Study of Gallbladder Adenocarcinomas. **Am J Surg Pathol**. 2015 Dec;39(12):1742-4.
28. **Jain D**, Nayak NC. Oncocytic mucoepidermoid carcinoma of the parotid gland: A case report and review of the literature. **Ear Nose Throat J**. 2015Jul;94(7):E11-E18.
29. Walia R(1), **Jain D**, Mathur SR, Bakhshi S, Iyer VK. Metastatic retinoblastoma of mandible diagnosed on fine needle aspiration cytology. **Cytopathology**. 2014 Dec;25(6):419-21
30. Vijayvargiya M, **Jain D**, Mathur SR, Iyer VK. Papillary cystadenoma of the epididymis associated with von Hippel-Lindau disease diagnosed on fine needle aspiration cytology **Cytopathology**. 2014 Aug;25(4):279-81.
31. Sethi S, Manucha V, **Jain D**, Chopra P, Jindal P. Neuromuscular and vascular hamartoma of small bowel with prominent inflammatory changes. **Trop Gastroenterol**. 2013; Apr-Jun 34(2):109-112
32. **Jain D**. Low papillary structures in lepidic lung adenocarcinoma: any relationship with micropapillary lung adenocarcinoma? **Hum Pathol**. 2013 Dec;44(12):2867.
33. **Jain D**. Sal-like protein 4: an epithelial and germ cell marker. **Hum Pathol**. 2013 Jul;44(7):1453.
34. **Jain D**, Bhalla S, Mehta VS. 48-year-old woman with a cerebellopontine angle mass. **Brain Pathol**. 2013 Mar;23(2):231-2.
35. **Jain D**, Chopra P. Metastatic renal cell carcinoma of gall bladder. **Saudi J Kidney Dis Transpl**. 2013 Jan;24(1):100-4.
36. Dhawan S, **Jain D**, Mehta VS. Balantidium coli: an unrecognized cause of vertebral osteomyelitis and myelopathy. **J Neurosurg Spine**. 2013 Mar;18(3):310-3.
37. **Jain D**, Chopra P, Sharma A. Adrenal lipoma with hemorrhage: a cause of abdominal pain. **Urol J**. 2012 Fall;9(4):721-4.
38. **Jain D**, Roy S, Bhalla S, Mehta VS. 26-year-old man with a cerebellar mass. **Brain Pathol**. 2013 Jan; 23(1):109-12.
39. Jain D, Mehta VS. Bilateral intraventricular mass in a child. **Neuropathology**. 2013 Jun;33(3):324-6.

40. **Jain D**, Siraj F, Grover AK, Garg KK. Hidradenoma Papilliferum Presenting as an Eyelid Mass. **Ophthal Plast Reconstr Surg**. 2012 Nov-Dec;28(6):e152-3.
41. **Jain D**, Mittal S, Gupta M. Hepatocellular carcinoma arising in a testicular teratoma: a distinct and unrecognized secondary somatic malignancy. **Ann Diagn Pathol**. 2013 Aug;17(4):367-71.
42. Datta S, Wattal C, Sethi PK, Buxi T, **Jain D**. Use of John Cunningham virus polymerase chain reaction in the diagnosis of progressive multifocal leucoencephalopathy - A rare presenting manifestation in an HIV-positive patient. **Indian J Med Microbiol**. 2012 Apr;30(2):239-41
43. Siraj F, **Jain D**. Cutaneous mixed tumor with prominent pilomatricomal differentiation. **J Cutan Pathol**. 2012 Jul;39(7):718-20.
44. **Jain D**, Kohli K. Congenital infantile fibrosarcoma: a clinical mimicker of hemangioma. **Cutis**. 2012 Feb;89(2):61-4
45. **Jain D**. The steatohepatic variant of hepatocellular carcinoma and its association with underlying steatohepatitis. **Hum Pathol**. May;43(5):769
46. **Jain D**, Roy S, Chopra S. Atypical central neurocytoma of fourth ventricle with hemorrhagic complication during surgery in a child. **Clin Neurol Neurosurg**. 2012 Feb;114(2):182-4.
47. **Jain D**, Roy S, Mehta VS. Tumor of the pituitary. **Neuropathology**. 2011 Apr;31(2):194-6.
48. **Jain D**, Dhawan S, Chopra P. Urothelial carcinoma with multiple patterns of divergent differentiation featuring small cell, clear cell, papillary glandular and squamous cell morphology. **Indian J Pathol Microbiol**. 2011 Jul-Sep;54(3):651-2.
49. Siraj F, Dhawan S, **Jain D**. Invasive thymoma with osseous metaplasia and cystic change in a case of myasthenia gravis: a rare presentation. **Gen Thorac Cardiovasc Surg**. 2011 Aug;59(8):583-6.
50. **Jain D**, Siraj F, Aggarwal N. Endometrioid adenofibroma arising in an endometriotic cyst. **J Obstet Gynaecol**. 2011 May;31(4):352-4.
51. Siraj F, **Jain D**. Mesenteric teratoma in an adult: report of a very rare association. **ANZ J Surg**. 2011 May;81(5):393-4.
52. Jain S, **Jain D**, Chopra P. Mesenteric panniculitis masquerading as a mesenteric neoplasm: a rare presentation. **ANZ J Surg**. 2011 May;81(5):3901.
53. Dhawan S, **Jain D**, Kalhan SK. Xanthogranulomatous inflammation of ascending colon with mucosal involvement: Report of a first case. **J Crohns Colitis**. 2011 Jun;5(3):245-8.
54. **Jain D**, Dhawan S. Tubulovillous adenoma of the anal canal: report of 2 rare cases with review of literature. **Ann Diagn Pathol**. 2012 Jun;16(3):210-3. **Impact Factor:** 1.083
55. **Jain D**, Roy S, Mehta VS. Tumor of the meninges. **Neuropathology**. 2011 Apr;31(2):194-6.
56. **Jain D**, Agrawal S, Chopra P. B Cell Lymphoma Unclassifiable with Features Intermediate Between Diffuse Large B Cell and Burkitt Lymphoma-Presented with Multiple Lymphomatous Polyposis of Gastrointestinal Tract. **J Gastrointest Cancer**. 2011 Dec;42(4):282-6.
57. **Jain D**, Oberoi JK, Shahi SK, Shivnani G, Wattal C. Scopulariopsis brevicaulis infection of prosthetic valve resembling aspergilloma on histopathology. **Cardiovasc Pathol**. 2011 Nov;20(6):381-3.
58. **Jain D**, Chopra P. Histiocytoid cardiomyopathy: does it exist in the fetal-age group? **Cardiovasc Pathol**. 2011 Nov;20(6):386-7.
59. **Jain D**, Sethi S, Wadhwa SN. Mucinous cystadenoma of the ureter. **Ann Diagn Pathol**. 2011 Dec;15(6):459-61.
60. **Jain D**, Sharma MC, Singh K, Gupta NP. Primary carcinoid tumor of the kidney: Case report and brief review of literature. **Indian J Pathol Microbiol**. 2010 Oct-Dec;53(4):772-4.

61. Siraj F, **Jain D**, Chopra P. Extraskelatal osteosarcoma of abdominal wall in a child-a rare case report with review of literature. **Ann Diagn Pathol**. 2011 Apr;15(2):131-4. **Impact Factor:** 1.083
62. **Jain D**, Fishman EK, Argani P, Shah AS, Halushka MK. Unexpected sclerosing mediastinitis involving the ascending aorta in the setting of a multifocal fibrosclerotic disorder. **Pathol Res Pract**. 2011 Jan 15;207(1):60-2.
63. Roy S, Saroha V, **Jain D**. Highly Cellular Leiomyoma Mimics A Malignant Small Round-Cell Tumor: A Diagnostic Dilemma On Frozen Sections. **Taiwan J Obstet Gynecol**. 2010 Jun;49(2):203-205.
64. **Jain D**, Jain VK, Singh Y, Kumar S, Mittal D. Cystic tuberculosis of the scapula in a young boy: a case report and review of the literature. **J Med Case Reports**. 2009 Aug 5;3:7412.
65. Kohli K, **Jain D**. Benign phylloides tumour with leiomyoma breast: a rare occurrence. **ANZ J Surg**. 2009 Jun;79(6):499-500.
66. **Jain D**, Kohli K. Neonatal Gastrointestinal Mucormycosis Clinically Mimicking Necrotizing Enterocolitis. **Eur J Pediatr Surg**. 2009 Dec;19(6):405-7.
67. **Jain D**, Saroha V, Singh M. Lymphangioma of the ovary. **J Obstet Gynaecol**. 2009 Apr;29(3):260-1.
68. **Jain D**, Sharma MC, Epari S, Gupta NP, Kolla SB. Hemangioendothelioma of Urinary Bladder-Report of Rare Case. **Urology**. 2009 Jun;73(6):1259-61.
69. Gupta P, Garg A, Dhingra KK, **Jain D**, Kohli K, Khurana N. Schwannoma tongue: a rare entity. **ANZ J Surg**. 2009 Jan;79(1-2):93-4.
70. **Jain D**, Singh T, Kumar N. Hypocellular acute myeloid leukemia with bone marrow necrosis in young patients: two case reports. **J Med Case Reports**. 2009 Jan 26;3(1):27.
71. **Jain D**, Khurana N, Jain S. Nodular fasciitis of the external ear masquerading as pleomorphic adenoma: A potential diagnostic pitfall in fine needle aspiration cytology. **Cytojournal**. 2008 Nov 26;5:14.
72. Dhingra KK, **Jain D**, Mandal S, Khurana N, Singh T, Gupta N. Evans syndrome: a study of six cases with review of literature. **Hematology**. 2008 Dec;13(6):356-360.
73. **Jain D**, Mahajan N, Singh T. Metastatic signet ring cell adenocarcinoma of bone marrow with bilateral ovarian masses: a case report. **Cases J**. 2008 Nov 19;1(1):332.
74. **Jain D**, Gupta SK, Singh T. Hemoglobin E disease with concomitant tuberculosis. **Indian J Pathol Microbiol**. 2008 Oct-Dec; 51(4):570.
75. **Jain D**, Singh T. Dengue virus related hemophagocytosis: a rare case report. **Hematology**. 2008 Oct; 13(5):286-8.
76. **Jain D**, Sharma MC, Sarkar C, Suri V, Sharma SK, Singh S, Das TK. Tubular aggregate myopathy: A rare form of myopathy. **J Clin Neurosci**. 2008 Nov;15(11):1222-6.
77. **Jain D**, Singh T, Akhila L, Ghosh N. Primary plasma cell leukemia in a 30-year-old woman. **Indian J Pathol Microbiol**. 2008 Jul-Sep;51(3):456-7.
78. **Jain D**, Singh T. Plasmablastic multiple myeloma with Dutcher bodies. **Indian J Pathol Microbiol**. 2008 Jul-Sep;51(3):442-3.
79. **Jain D**, Singh T. Parvovirus-induced dyserythropoiesis in a child. **Indian J Pathol Microbiol**. 2008 Jul-Sep;51(3):418-20.
80. **Jain D**, Sharma MC, Sarkar C, Suri V, Garg A, Mahapatra AK, Kumar L. Pituitary gland involvement by a gamma delta hepatosplenic lymphoma, a mimicker of pituitary adenoma: report of a rare case. **J Neurooncol**. 2008 Jun;88(2):237-41.
81. **Jain D**, Sharma MC, Arora R, Sarkar C, Suri V. Clear cell ependymoma: a mimicker of oligodendroglioma - report of three cases. **Neuropathology**. 2008 Aug;28(4):366-71.
82. **Jain D**, Sharma MC, Sarkar C, Suri V, Rishi A, Garg A, Vaishya S. Chordoid glioma: report of two rare examples with unusual features. **Acta Neurochir (Wien)**. 2008 Mar;150(3):295-300; discussion 300.

83. **Jain D**, Sharma MC, Sarkar C, Rishi A, Suri V, Garg A, Mahapatra AK. Spinal teratoma with pulmonary differentiation: a report of rare case and review of literature. **Fetal Pediatr Pathol**. 2007 Jul-Aug; 26 (4):185-91.
84. **Jain D**, Singh T, Arora P. Down syndrome with microgranular variant of acute promyelocytic leukemia in a child: a case report. **J Med Case Reports**. 2007 Nov 24;1(1):147
85. **Jain D**, Sharma MC, Sarkar C, Rishi A, Suri V, Garg A, Mahapatra AK. Spinal teratoma with renal differentiation-A rare phenomenon: Report of two patients. **Clin Neurol Neurosurg**. 2008 Mar;110(3):265-9.
86. **Jain D**, Singh T, Kumar N, Daga MK. Metastatic malignant melanoma in bone marrow with occult primary site- A case report with review of literature. **Diagn Pathol**. 2007 Oct 2;2 (1):38.
87. Gupta SK, **Jain D**, Singh T. Plasmodium falciparum in trephine biopsy. **Am J Hematol**. 2008 Jul;83(7):602.
88. **Jain D**, Varma N, Vaiphei K, Varma S, Dhaliwal RS. Pure red cell aplasia with malignant thymoma: a rarity. **Indian J Pathol Microbiol**. 2006 Oct; 49(4):553-4.
89. **Jain D**, Kumar V, Vasishta RK, Virk MS, Dhillon MS. Gorham's disease –A case report. **Ind J Orthopaedics**.2006;40 :55-56
90. **Jain D**, Joshi K, Jindal SK. Precursor lesions of adenocarcinoma lung- two case reports. **Indian J Pathol Microbiol** , 2005;48;399-402.
91. **Jain D**, Das A, Gupta V, Gulati M. Inflammatory pseudotumour gall bladder fossa liver. **Indian J Gastroenterol**, 2005;24;79-80
92. **Jain D**, Pattari SK, Rajesh LS, Varma N, Mittal BR. Bone Scan in diagnosis of lymphoma with extensive bone marrow necrosis. **Indian J Pathol Microbiol**, 2004;47;394-96.
93. **Jain D**, Dash S. Pancytopenia due to extensive hemophagocytosis following Anti-Tubercular treatment. **Am J Hematol**, 2004: 75; 118-119.

Case reports and Letters (As co-author)

1. Jaleel J, Damle NA, Khurana A, Joshi M, **Jain D**. Pulmonary Mucoepidermoid Carcinoma Mimicking Carcinoid Lung on 18F-FDG and 68Ga-DOTANOC PET/CT. **Clin Nucl Med**. 2024 Feb 2. doi: 10.1097/RLU.00000000000005107.
2. Chandola S, Dhamija E, Rastogi S, **Jain D**. Significance of Clinico-radiological Correlation in a Patient with Pulmonary Intimal Sarcoma Simulating as Pulmonary Thromboembolism. **Mol Imaging Radionucl Ther**. 2023 Feb 23;32(1):80-82.
3. Gopakumar A, Kakkar A, Kaur K, Sikka K, Thakar A, Sharma A, **Jain D**. Fine needle aspiration cytology of metastatic SMARCA4-deficient sinonasal teratocarcinosarcoma: First report in literature. **Diagn Cytopathol**. 2023 Jan 21. doi: 10.1002/dc.25102.
4. Nakra T, Kakkar A, Mathur SR, **Jain D**, Kumar S. SMARCA4-deficient Undifferentiated Uterine Sarcoma: Clinicopathological Features of an Emerging Entity. **Int J Surg Pathol**. 2022 Apr 24;10668969221095266.
5. Febbraro M, Ghewara A, Kennedy T, **Jain D**, de Moraes FY, Juergens R. Barriers to Access: Global Variability in Implementing Treatment Advances in Lung Cancer. **Am Soc Clin Oncol Educ Book**. 2022 Apr;42:1-7.
6. Thakur S, Yadav R, Agarwala S, Jana M, **Jain D**, Mathur SR, Iyer VK. Fine needle aspiration cytology of mesenchymal hamartoma of liver mimicking hepatoblastoma: A case report. **Diagn Cytopathol**. 2021 Jul 15. doi: 10.1002/dc.24827.
7. Iyer H, Vadala R, Mohan A, **Jain D**. A young immunocompetent female with anterior mediastinal mass. **Lung India**. 2021 Jul-Aug;38(4):389-393.
8. Dhochak N, Mittal S, **Jain D**, Jat KR, Singh V, Jana M, Kabra SK, Madan K. The first report of pediatric endobronchial cryobiopsy: Expanding horizon of bronchoscopic cryotherapy for airway tumors. **Pediatr Pulmonol**. 2021 Jun 25. doi: 10.1002/ppul.25542.

9. Arora S, Kumar S, Das CJ, **Jain D**, Kumar R. Inguinal Canal Deposit-An Uncommon Site of Metastases in Carcinoma Prostate Detected on 68Ga-Prostate-Specific Membrane Antigen PET/CT [published online ahead of print, 2020 Aug 11]. **Clin Nucl Med**. 2020;10.1097/RLU.0000000000003225. doi:10.1097/RLU.0000000000003225
10. Samaddar A, Kakkar A, Sakthivel P, Kumar R, **Jain D**, et al. Cytological diagnosis of solitary fibrous tumor of the lacrimal sac: Role of immunocytochemistry for STAT6. **Cytopathology**. 2020;10.1111/cyt.12893. doi:10.1111/cyt.12893
11. Rajeshwari M, Sakthivel P, Yogal R, Panda S, Singh CA, **Jain D**. Composite tumor of the larynx: A Case Report. **JNMA J Nepal Med Assoc**. 2020 Jan;58(221):52-55.
12. Agarwal S, Kakkar A, Damle NA, Kumar C, Sarangi J, Subudhi K, **Jain D**, Sharma MC. SMARCB1 (INI1)-deficient thyroid carcinoma: A novel entity expanding the spectrum of tumors with INI1 loss. **Pathol Res Pract**. 2020 Jan 20
13. Saha S, Madan K, **Jain D**, Goswami R. Pulmonary alveolar proteinosis (PAP) in idiopathic hypoparathyroidism. **BMJ Case Rep**. 2019 Nov 10;12(11).
14. Kakkar A, Bhardwaj N, Sakthivel P, Singh CA, **Jain D**, Mathur SR, Iyer VK. Fine Needle Aspiration Cytology of Cribriform Adenocarcinoma of Minor Salivary Gland, a Recently Defined Entity. **Cytopathology**. 2019 Jul 4.
15. Rajeshwari M(1), Sakthivel P(2), Sikka K(2), **Jain D**(1). 'Carcinoma en cuirasse' in the neck: extremely unusual initial presentation of gastric cancer. **BMJ Case Rep**. 2019 Apr 30;12(4).
16. Elavarasi A, Dash D, Warriar AR, **Jain D**. Leptomeningeal leukaemia misdiagnosed as tubercular meningitis. **BMJ Case Rep**. 2019 Mar 5;12(3).
17. Nakra T(1), **Jain D**(1), Madan K(2), Mallick S(1), Mathur SR(1), Iyer VK(1), et al. Endobronchial ultrasound guided transbronchial needle aspirate from subcarinal lymph node: Mesothelial lesion, a diagnostic dilemma. **Cytopathology**. 2018 Oct;29(5):486-488.
18. Bychkov A, **Jain D**. Multiple sections per slide for immunohistochemistry: a cost-effective alternative in resource-limited settings. **Analytical and Quantitative Cytopathology and Histopathology**. 2018; 40; 211-212
19. Prabhu M, **Jain D**, Gupta SD, Bal C, Kumar R. Detection of Solitary Axillary Lymph Node Metastases from Hürthle Cell Carcinoma of the Thyroid on (18)F-FDG PET/CT. **Nucl Med Mol Imaging**. 2018 Oct;52(5):389-393.
20. Kaur K, Agarwal S, Rajeshwari M, **Jain D**, Bhalla AS, Verma H. Melanotic neuroectodermal tumour of infancy: An enigmatic tumour with unique cytomorphological features. **Cytopathology**. 2018 Feb;29(1):104-108.
21. Elavarasi AM, Dash D, Warriar AR, Bhatia R, Kumar L, **Jain D**, et al. Spinal cord involvement in primary CNS lymphoma. **J Clin Neurosci**. 2018 Jan;47:145-148.
22. Patra S, Khandpur S, Khanna N, **Jain D**. Angioma like carcinoma telangiectoides: An unusual presentation of breast carcinoma metastasis. **Indian J Dermatol Venereol Leprol**. 2018 Jan-Feb;84(1):83-85.
23. Verma R, Bhalla AS, Goyal A, **Jain D**, Loganathan N, Guleria R. Ominous lung cavity "Tambourine sign". **World J Clin Cases**. 2017 Apr 16;5(4):153-158.
24. Vallonthaiei AG1, Agarwal S1, **Jain D**1, Yadav R1, Damle NA2. Cytological features of warthin-like papillary thyroid carcinoma: A case report with review of previous cytology cases. **Diagn Cytopathol**. 2017 Sep;45(9):837-841.
25. Khanna G(1), Damle NA(2), Agarwal S(1), Roy M(1), **Jain D**(1), et al. Mixed Phenotypic Acute Leukemia (mixed myeloid/B-cell) with Myeloid Sarcoma of the Thyroid Gland: A Rare Entity with Rarer Association - Detected on FDG PET/CT. **Indian J Nucl Med**. 2017 Jan-Mar;32(1):46-49.
26. Ramteke P1, Mallick S1, Mathur S1, **Jain D**1, Iyer VK1. Fine needle aspiration cytology from a postauricular swelling. **Cytopathology**. 2017 Jun;28(3):246-247
27. Nambirajan A, Shukla AK, Mathur SR, Kumar H, Kumar R, Bhowmik DM, Singh A, **Jain D**, et al. Condyloma Acuminatum of Urinary Bladder in a Male Renal

- Transplant Recipient - A Diagnostic and Therapeutic Challenge. **Clin Genitourin Cancer**. 2017 Aug;15(4):e739-e742
28. Madan K, Mittal S, Hadda V, **Jain D**, Mohan A, Guleria R. Endobronchial ultrasound-guided transbronchial needle aspiration of thyroid: Report of two cases and systematic review of literature. **Lung India** 2016;33:682-7.
 29. Kumar T, Gupta B, Das P, **Jain D**, Jain HA, Madhusudhan KS, et al. Combined presence of multiple gastrointestinal stromal tumors along with duodenal submucosal somatostatinoma in a patient with neurofibromatosis type 1. **Indian J Pathol Microbiol** 2016;59:359-61
 30. Madan K, Dhungana A, Madan NK, Mohan A, Hadda V, Garg R, **Jain D**, et al Rigid bronchoscopic management of acute respiratory failure in a 30-year-old woman. **Lung India** 2016;33:672-4.
 31. Khan AA, **Jain D**, Siraj F, Aggarwal S. Spontaneous regression of orbital lymphoma. **Indian J Cancer**. 2016 Jan-Mar;53(1):11-2.
 32. Siraj F(1), Dalal V(1), Khan AA(2), **Jain D**(3). Hepatosplenic T-cell lymphoma with coexistent hepatitis B infection: a rare clinicopathologic entity. **Tumori**. 2016 Nov 11;102(Suppl. 2).
 33. Arava S, Breta M, Madan K, Nath D, Mehta S, **Jain D**. Sclerosing liposarcoma of the anterior mediastinum: An unusual case. **Indian J Pathol Microbiol** 2016;59:69-71.
 34. Nath D, Gupta A, Arava S, **Jain D**, Madan K. Synchronous existence of granular cell tumor and small cell carcinoma of lung: An unusual entity. **Indian J Pathol Microbiol** 2016;59:90-2.
 35. Madan K, Nattusamy L, **Jain D**, Mohan A, Guleria R. Vocal cord palsy caused by mediastinal tuberculosis. **Trop Doct**. 2016 Apr;46(2):102-5.
 36. Kakkar A, Rajeshwari M, Bhethanabhotla S, Kaur K, **Jain D**, Gogia A, et al. Primary diffuse large B-cell lymphoma of the prostate: A report of two cases with diagnostic considerations. **J Cancer Res Ther**. 2015 Oct-Dec;11(4):977-9.
 37. Roy M, Agarwal S, Mridha AR, Arora J, Madan K, **Jain D**, et al. Metastatic ampullary adenocarcinoma in exfoliative sputum cytology: A rare presentation. **Lung India** 2015;32 :535-37.
 38. Kalai U, Madan K, **Jain D**, Mohan A, Guleria R. Laryngeal metastasis from lung cancer. **Lung India** 2015;32:268-70.
 39. Madan K, Ayub II, Mohan A, **Jain D**, Guleria R, Kabra SK. Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration (EBUS-TBNA) in Mediastinal Lymphadenopathy. **Indian J Pediatr**. 2015 Apr;82(4):378-80.
 40. Madan K, Ayub II, **Jain D**, Mohan A, Guleria R. Necrotic mediastinal lymph node enlargement in a middle-aged female. **Lung India**. 2015 May-Jun;32(3):293-5.
 41. Karunanithi S, Kumar G, Sharma SK, **Jain D**, Gupta A, Kumar R. Staging and Response of Sternal Histoplasmosis by 18F-FDG PET/CT. **Clin Nucl Med**. 2015 Mar;40(3):231-3.
 42. Singh L, Singh S, **Jain D**, Sharma SC. Mucoepidermoid carcinoma of eyelid: A usual tumor at an unusual site. **J Cancer Res Ther**. 2015 Oct-Dec;11(4):1027.
 43. Walia R, Madan K*, Mohan A, **Jain D**, Hadda V, Khilnani GC, et al. Diagnostic utility of conventional transbronchial needle aspiration without rapid on-site evaluation in patients with lung cancer. **Lung India**. 2015 Mar-Apr;32(2):198-9.
 44. Sen A, Nalwa A, Mathur SR, **Jain D**, Iyer VK. Cytomorphology of columnar cell variant of papillary carcinoma thyroid: A case report and review of the literature. **Cytojournal**. 2014 Oct 21;11:27.
 45. Tiwari P, Madan K, **Jain D**, Kumar R, Mohan A, Guleria R. Pleuro-peritoneal lymphomatosis with concurrent tonsillar involvement in T-cell nonHodgkin's lymphoma: Clinical presentation mimicking disseminated tuberculosis. **Lung India** 2014;31:380-2.

46. Sharma J, Garg PK, **Jain D**, Bakshi S, Pandey D. Primary Hodgkin's Disease of the Common Bile Duct: a Case Report and Review of Literature. **J Gastrointest Cancer**. 2014 Dec;45 Suppl 1:218-21.
47. Venkatnarayan K, Madan K, Walia R, Kumar J, **Jain D**, Guleria R. "Diesel siphoner's lung": Exogenous lipid pneumonia following hydrocarbon aspiration. **Lung India** 2014;31:63-6.
48. Khan AA, Kumaran V, **Jain D**, Siraj F, Aggarwal S. Hepatic mucormycosis in a patient of acute lymphoblastic leukemia: a case report with literature review. **Indian J Hematol Blood Transfus**. 2013 Jun;29(2):96-8
49. Arora A, Tyagi P, Kirnake V, Singla V, Sharma P, Bansal N, Ghuman SS, **Jain D**, Kumar A. Unusual cause of massive upper gastrointestinal bleeding: a pancreatic arteriovenous malformation. **JOP**. 2013 May 10;14(3):292-5
50. Jain VK, **Jain D**, Kumar S. Proximal tibial epiphyseal intraosseous schwannoma a rare entity. **J Pediatr Orthop**. 2010 Jun;30(4):411.
51. Jain VK, **Jain D**, Jawed A, Prasad A, Sachdev N, Kumar S. Primary myoepithelioma of bone. **Pathology**. 2010 Feb;42(2):190-3
52. **Jain D**, Akhila L, Kawatra V, Aggarwal P, Khurana N. Psammocarcinoma of ovary with serous cystadenofibroma of contralateral ovary: a case report. **J Med Case Reports**. 2009 Dec 15;3:9330.
53. Sharma MC, **Jain D**, Sarkar C, Bhatnagar V, Rishi A, Suri V, Garg A. Lumbosacral wilms' tumor as a component of immature teratoma associated with spinal dysraphism-a rare case and short literature review. **Fetal Pediatr Pathol**. 2009;28(5):201-8.
54. Sharma MC, **Jain D**, Sarkar C, Suri V, Garg A, Sharma BS, Mehta VS. Papillary tumor of the pineal region--a recently described entity: a report of three cases and review of the literature. **Clin Neuropathol**. 2009 Jul-Aug;28(4):295-302
55. Das P, **Jain D**, Das R, Garewal G. Hyperfibrotic myelodysplastic syndrome: a report of three cases from north India. **Turk J Hematol** 2009; 26: 93-6
56. Jain VK, Singh JP, **Jain D**, Kumar S. Giant cell reparative granuloma of foot. **ANZ J Surg**. 2008 Dec;78(12):1139-40.
57. Suri V, Sharma MC, Suri A, Karak AK, Garg A, Sarkar C, **Jain D**. Myelolipomatous change in an interhemispheric lipoma associated with corpus callosum agenesis: case report. **Neurosurgery**. 2008 Mar;62(3):E745; discussion E745
58. Singh K, Sharma MC, **Jain D**, Kumar R. Melanotic medullary carcinoma of thyroid-report of a rare case with brief review of literature. **Diagn Pathol**. 2008 Jan 11;3 (1):2
59. Sharma MC, Sarkar C, **Jain D**, Suri V, Garg A, Vaishya S. Uterus like mass of mullerian origin in lumbosacral region causing cord tethering. Report of two cases. **J Neurosurg spine** 2007 Jan; 6(1):73-6.
60. Saikia UN, **Jain D**, Joshi K, Lal A, Sakhuja V. Disseminated zygomycosis presenting as thyroid abscess in a renal allograft recipient. **Nephrol Dial Transplant**. 2007 Feb; 22(2):641-4.

Books edited

1. **Atlas of Thymic Pathology.** Jain D, Bishop JA, Wick MR. First ed. Springer Nature Singapore Pte Ltd. 2020
2. **Atlas of Sinonasal Tract Pathology.** Jain D, Bishop JA. First ed. Springer Nature Singapore Pte Ltd. 2023

ICCR (International Collaboration on Cancer Reporting) Thymic Epithelial Tumor (TET) Dataset publication

Roden AC, den Bakker MA, Fang V, **Jain D**, Marx A, Moreira A, Rajan A, Stroebel P, Szolkowska M, Cooper W (2022). Thymic Epithelial Tumors Histopathology Reporting Guide. International Collaboration on Cancer Reporting; Sydney, Australia. ISBN: 978-1-922324-32-0

Book Chapters: Total 55 including **31 chapters in WHO** classification of Thoracic tumors, Head and Neck Tumors and Endocrine and Neuroendocrine tumors and **WHO** reporting system for Lung Cytopathology

List of Book Chapters

1. **Jain D**, Bychkov A, Hirokawa M. Intrathyroid Thymic Carcinoma. In Thyroid FNA Cytology. Kakudo K, Liu Z, Jung CK, Hirokawa M, Bychkov A, Lai CR (Eds). Third ed. Springer Nature Singapore Pte Ltd. 2023. P 505-512
2. Dutta R, Rohilla M, Srinivasan R, **Jain D**. Cell blocks in cytopathology and their role in evaluation of thyroid aspirates. In Thyroid FNA Cytology. Kakudo K, Liu Z, Jung CK, Hirokawa M, Bychkov A, Lai CR (Eds). Third ed. Springer Nature Singapore Pte Ltd. 2023. P 621-636
3. **Jain D**, Bishop JA. Malignant epithelial tumors of sinonasal tract. In Atlas of Sinonasal Tract Pathology. Jain D, Bishop JA (eds) First ed. Springer Nature Singapore Pte Ltd. 2023. P 105-129
4. **Jain D**, Bishop JA. Malignant mesenchymal tumors of sinonasal tract. In Atlas of Sinonasal Tract Pathology. Jain D, Bishop JA (eds) First ed. Springer Nature Singapore Pte Ltd. 2023. P 175-202
5. Kakkar A, Kaur K, **Jain D**. Anatomy and Histology of Sinonasal Tract. In Atlas of Sinonasal Tract Pathology. Jain D, Bishop JA (eds). First ed. Springer Nature Singapore Pte Ltd. 2023. P 1-6
6. Dodd LG, Bode-Lesniewska B, **Jain D**. Cell Preparation Methods. IAC-IARC **WHO** Reporting System for Soft Tissue Cytopathology 1st ed
7. **Jain D**, Heine R, Kholova I. FNAB techniques and specimen management. IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed
8. **Jain D**, Heine R, Kholova I. Bronchial wash and bronchial brush techniques and specimen management. IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed
9. **Jain D**, Heine R, Kholova I. Broncho-alveolar lavage techniques and specimen management. IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed
10. **Jain D**, Heine R, Kholova I. Sputum techniques and specimen management. IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed

11. **Jain D**, Heine R, Kholova I. Rapid onsite evaluation (ROSE). IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed
12. **Jain D**, Heine R, Kholova I. Cell Preparation Methods. IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed
13. **Jain D**, Sauter JL. NUT carcinoma. IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed
14. Schmitt F, Lloveras B, **Jain D**, Bubendorf L, Chandra A. Squamous cell carcinoma. IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed
15. Sauter JL, **Jain D**. Thoracic SMARCA4 deficient undifferentiated tumor. IAC-IARC **WHO** Reporting System for Lung Cytopathology 1st ed
16. Nayak G, Verma H, Kumar R, Mehta R, Singh N, Thakur K, Sikka K, Kakkar A, **Jain D**. Tumours of Nose and Paranasal Sinuses In: Verma H, Thakar A (eds). Essentials of Rhinology. Springer Nature, Singapore; 2021 pp157-221
17. **Jain D**, Rajeshwari M, Choudhary A. Diagnostic Cytology of Benign Lesions of the Gastrointestinal Tract. In Surgical Pathology of Gastrointestinal System. Eds. Das P, Majumdar K, Datta Gupta S. 2022. 1st ed. Springer. 573-590
18. Bell D, Yamamoto H, **Jain D**, Sandison A. Keratinizing Squamous Cell Carcinoma. Nasal Cavity, Paranasal Sinuses and Skull Base. In: **WHO** Classification of Tumours Editorial Board. **Head and neck tumours** [Internet; beta version ahead of print]. Lyon (France): IARC; 2022. (WHO classification of tumours series, 5th ed.; vol. 9).
19. Agaimy A, Ud Din N, **Jain D**, Rooper LM, Bal M, Mittal N. SWI/SNF complex-deficient sinonasal carcinoma (SMARCB1 & SMARCA4). In: **WHO** Classification of Tumours Editorial Board. **Head and neck tumours** [Internet; beta version ahead of print]. Lyon (France): IARC; 2022. (WHO classification of tumours series, 5th ed.; vol. 9).
20. Rooper LM, Agaimy A, Ud Din N, **Jain D**, Wenig BM, Bal M, Mittal N. Teratocarcinosarcoma. Nasal Cavity, Paranasal Sinuses and Skull Base. In: **WHO** Classification of Tumours Editorial Board. **Head and neck tumours** [Internet; beta version ahead of print]. Lyon (France): IARC; 2022. (WHO classification of tumours series, 5th ed.; vol. 9).
21. Cameselle-Teijeiro JM, Chan JKC, **Jain D**, Livolsi V, Papotti M. Thymoma Family. Thymic tumors within the thyroid. In: **WHO** Classification of Tumours Editorial Board. **Endocrine and Neuroendocrine tumours** [Internet]. Lyon (France): IARC; 2022. (WHO classification of tumours series, 5th ed.; vol. 8).
22. Cameselle-Teijeiro JM, Chan JKC, **Jain D**, Livolsi V, Papotti M. Thymic Carcinoma Family. Thymic tumors within the thyroid. In: **WHO** Classification of Tumours Editorial Board. **Endocrine and Neuroendocrine tumours** [Internet]. Lyon (France) IARC; 2022. (WHO classification of tumours series, 5th ed.; vol. 8).
23. **Jain D**, MacMohan H, Pelosi G, Riely G, Rusch VW, Van Schil Pey. Colloid adenocarcinoma: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P 79-80
24. **Jain D**, Asamura H, Cardona AF, MacMohan H, Nakatani Y. Fetal adenocarcinoma: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P 81-82
25. **Jain D**, MacMohan H, Nakatani Y, Soares FA, Zhang J. Enteric-type adenocarcinoma: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P83-84
26. **Jain D**, Hornick JL. Lymphangioleiomyomatosis: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P170-171
27. **Jain D**, Doyle LA. PEComa of the lung: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P172-173

28. Chiriac Radu, Badve S, den Bakker MA, French C, **Jain D**. NUT carcinoma: **In WHO Classification of Thoracic tumors, (5th edition)** IARC: Lyon 2021. P364-367
29. Yoshida A, Boland JM, **Jain D**, Le Loarer F, Rekhtman NR. Thoracic SMARCA4-deficient undifferentiated tumour: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P 111-114
30. Burke AP, **Jain D**. Adult cellular rhabdomyoma: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P241-242
31. Miller DV, **Jain D**. Hamartoma of mature cardiac myocytes: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P247-248
32. Tavora F, Glass C, Hornick JL, **Jain D**, Sheppard M, Yi ES. Inflammatory myofibroblastic tumour of the thorax: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P288-289
33. Jo VY, Fishbein GA, **Jain D**, Perry A. Schwannoma of the thorax: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P307-308
34. Marx AM, **Jain D**, Marchevsky AM, Marino M, Nicholson AG, Yang WI. Type B1 thymoma: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P332-335
35. Marx AM, **Jain D**, Marchevsky AM, Marino M, Nicholson AG, Yang WI. Type B2 thymoma: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P336-339
36. Marx AM, **Jain D**, Marchevsky AM, Marino M, Nicholson AG, Yang WI. Type B3 thymoma: **In WHO Classification of Thoracic Tumours, (5th edition)** IARC: Lyon 2021. P340-344
37. Russell DK, **Jain D**. Cytopreparatory Techniques. The International System for Serous Fluid Cytopathology. Eds. Chandra A, Crothers B, Kurtycz D, Schmitt F. Springer. 2020. P. 239-265
38. Guleria P, **Jain D**. Histomorphology of thymomas. Atlas of thymic pathology. **Jain D**, Bishop JA, Wick MR (Eds). First Ed. 2020 Springer Nature Singapore Pte Ltd. 2020. P 85-111
39. **Jain D**, Guleria P. Pathology of thymic neuroendocrine tumors. Atlas of thymic pathology. **Jain D**, Bishop JA, Wick MR (Eds). First Ed. 2020 Springer Nature Singapore Pte Ltd. 2020. P 141-150
40. Nambirajan A, Singh V, **Jain D**. Molecular pathology of thymic epithelial tumors. Atlas of thymic pathology. **Jain D**, Bishop JA, Wick MR (Eds). First Ed. 2020 Springer Nature Singapore Pte Ltd. 2020. P169-171
41. **Jain D**. The Lung. Eds. Singh MK, Kumar V. Robbins & Cotran Pathologic Basis of Disease: South Asia Edition, 10e. 2020. Page 1334.
42. **Jain D**, Lantuejoul S, Tsao MS, Borczuk AC. Cytokeratin markers. IASLC atlas of diagnostic immunohistochemistry. Eds Yatabe Y, Borczuk AC, Cooper WA, Dacic S, Kerr KM, Moreira AL, Tsao MS. IASLC publication. 2020 P. 67-74
43. **Jain D**, Arava SK. Pathology, immunohistochemistry and driver mutations of lung carcinoma. In Clinico Radiological Series: Imaging of chest tumors. Eds: Bhalla AS, Jana M. Jaypee Publishers 2020. P 37-44
44. **Jain D**, Herzog BH, Maggi LB. Genetic alterations in cancer. In Cancer genomics for the clinician. Eds Govindan R, Devarakonda S. Springer 2019. pp 1-13
45. **Jain D**. Pathology of Sinonasal lesions. In Clinico Radiological Series Sinonasal Imaging: Bhalla AS, Jana M. (Ed) Section 3 Tumours and Tumours like conditions Chapter 10:(1edition); Jaypee Publication; 2018 Page 137-149.
46. **Jain D**, Arava S, Kumar R. Pathology of lung infections. In Clinico Radiological Series Imaging of Chest Infections. Bhalla AS, Jana M (Eds). Chapter 4Jaypee Publication; 2018 Page 36-42.

47. **Jain D**, Roy-Chowdhuri S, VanderLaan P. Bronchus. In Pulmonary pathology: an atlas and text. Philip T Cagle (Ed). 3rd Ed. Philadelphia. Wolter-Kluwer 2018. P3-5
48. **Jain D**, VanderLaan P, Roy-Chowdhuri S. Alveoli. In Pulmonary pathology: an atlas and text. Philip T Cagle (Ed). 3rd Ed. Philadelphia. Wolter-Kluwer. 2018. P10-11
49. Saqi A, Yang HM, **Jain D**, VanderLaan P, Roy-Chowdhuri S. Normal Cytology of the Lung and Pleura. In Pulmonary pathology: an atlas and text. Philip T Cagle (Ed). 3rd Ed. Philadelphia. Wolter-Kluwer. 2018. P14-17
50. Roy-Chowdhuri S, Saqi A, **Jain D**, VanderLaan P. Reactive Changes, Nonspecific Findings, and Age-Related Changes. In Pulmonary pathology: an atlas and text. Philip T Cagle (Ed). 3rd Ed. Philadelphia. Wolter-Kluwer. 2018. P24-27
51. Yang HM, Saqi A, **Jain D**, Roy-Chowdhuri S, VanderLaan P. Non Cellular Structures. In Pulmonary pathology: an atlas and text. Philip T Cagle (Ed). 3rd Ed. Philadelphia. Wolter-Kluwer. 2018. P28-33
52. **Jain D**. Interstitial Lung Diseases: Pathologic Diagnosis. In Clinico Radiological Series Imaging of Interstitial Lung Diseases: Bhalla AS, Jana M. (Ed) Section 1 Chapter 3: General (1e); Jaypee Publication 2017 Page 23-34
53. **Jain D**, Maleszewski JJ. Cardiac Myxoma: Travis WD, Brambilla E, Burke AP, Marx A, Nicholson AG (Eds). **In WHO Classification of Tumours of the Lung, Pleura, Thymus and Heart, (4th edition)** IARC: Lyon 2015 Page 311-314
54. Singh T, **Jain D**. Haematology updates 2009: Megakaryocyte morphology is it important?
55. Nayak NC, **Jain D**. End stage chronic liver disease – Yesterday, Today and Tomorrow: In Liver cirrhosis: Causes Diagnosis and Treatment@ 2011 Nova publishers, Inc, New York, USA

International presentations (Invited Faculty)

1. Cytologic Evaluation of NSCC Doing a Lot With a Little. Pulmonary Pathology Society Meeting, New York, USA, June 20-22, 2024
2. Biological overview of EGFR mutations including exon 20 insertions. Webinar IASLC Education committee. Nov 28th 2023
3. Interpretation of small biopsies and cytology of lung cancer WHO recommendations. Annual academic sessions College of Pathologists of Sri Lanka Colombo. October 20th 2023
4. EBUS- TBNA. Annual academic sessions College of Pathologists of Sri Lanka Colombo. October 20th 2023
5. Position of Liquid biopsy in current management algorithm of Lung Cancer. Annual academic sessions College of Pathologists of Sri Lanka Colombo. October 20th 2023
6. Diagnostic approach to non-neoplastic lung diseases. Annual academic sessions College of Pathologists of Sri Lanka Colombo. October 20th 2023
7. Slide Seminar. Annual academic sessions College of Pathologists of Sri Lanka, Colombo. October 20th 2023
8. **Chairperson** World Conference on Lung Cancer (WCLC) Singapore Predictive biomarkers for immunotherapy September 2023
9. State of The Art (SOTA) session: Update of the current and the future of cytology reporting systems. IAC/ASC Next generation cytology conference, Baltimore, USA. Nov 15-20, 2022
10. **Jury**, Worldvision Cytopathology Contest. IAC/ASC Next generation cytology conference, Baltimore, USA. Nov 15-20, 2022
11. VIBGYOR. Indian Academy of Cytologists meeting. Role of ancillary techniques in lung cancer. IAC/ASC Next generation cytology conference, Baltimore, USA. Nov 15-20, 2022
12. “Genomic and immune molecular signatures in lung cancer: keys to personalized medicine” 1st Indo-French symposium on Molecules and Nanosciences for Health. University of Bordeaux, Bordeaux, France. Nov 7th-9th 2022
13. Thymic epithelial tumours - India case series and recent molecular findings. Session: Mediastinal Pathology Virtual, International Academy of Pathology (IAP) 2022. Sydney, Australia. October 12, 2022
14. **Session Chair** Benign Thymic Disorders. Virtual ITMIG 2022. Sep 29, 2022
15. **Session Chair** Mini oral Pathology: Tumour Diagnostics. World Conference on Lung Cancer. Vienna, Austria. Aug 9, 2022
16. **Round Table Moderator**: Women in Thoracic Oncology. World Conference on Lung Cancer. Vienna, Austria. Aug 9, 2022
17. If Lung Cancer Is the Answer, Profiling Tissue Is the Issue: Global Barriers in Lung Cancer Pathology. American Society of Clinical Oncology (ASCO) Education Session. June 5th 2022 ASCO Meeting (June 3rd to June 7th 2022), Chicago, USA
18. Blood Shift Paradigm in Cancer Detection: Myth or Reality? 5th international oncology conference- King Saud University, Riyadh, Saudi Arabia. March 18, 2022 (Online)
19. Diagnostic and Molecular Testing: Prioritizing Both Tissue and Resources in South/South-East Asia Workshop: Lung Cancer Diagnosis and Management with Resource Constraints in South and South-East Asia. World Conference on Lung Cancer (Denver USA). September 11, 2021(Online)
20. Webinar American Society of Cytotechnologists. Immunocytochemistry: Challenges and Usefulness in Diagnostic Cytopathology. June 23, 2021(Online)

21. Immunocytochemistry for predictive biomarker testing in lung cancer cytology. Cytology course in Halle (Germany). June 11, 2021 (Online)
22. **Discussant.** Advances in diagnosis of common types of NSCLC. World Conference on Lung Cancer, Barcelona, Spain. September 7-10, 2019
23. Global Infections: Asian Perspectives. Biennial Pulmonary Pathology Society meeting, Dubrovnik, Croatia. June 26-28, 2019
24. Molecular Symposium: IHC in non-cell block cytology. International Congress of Cytology. Sydney. Australia May 5-9, 2019
25. Thyroid Asian FNA group. Cytology of Hurthle cell lesions, multi-institutional experience from Asian countries. International Congress of Cytology. Sydney. Australia May 5-9, 2019
26. Indian Academy of Cytologists session on Image guided FNAC. Rapid on-site evaluation and triaging of samples. International Congress of Cytology. Sydney. Australia May 5-9, 2019
27. Indian Academy of Cytologists session on Image guided FNAC. FNA of mediastinum, 2 cases. International Congress of Cytology. Sydney. Australia May 5-9, 2019
28. Evening speciality Pulmonary Pathology United States and Canadian Academy of Pathology (USCAP) 2019. Demystifying rare neoplasms of lung: why classification matters. March 17th National Harbor, MD, USA
29. **Discussant** World Conference on Lung Cancer (WCLC) Toronto, Canada on Early diagnosis of Lung Cancer, September 2018
30. **Chairperson** World Conference on Lung Cancer (WCLC) Toronto, Canada on Pathology of Lung Cancer September 2018
31. Status of thoracic pathology in India . September 14th 2017 Mannheim, Germany
32. Making the Most of the WCLC: A Guide for First Time Attendee From a Second Time Attendee. IASLC 18th World Conference on Lung Cancer. October 15th 2017. Yokohama, Japan
33. Recent updates in lung cancer pathology with emphasis on predictive biomarkers: applications and challenges in routine practices. Seminars in Surgical Pathology Series. March 1, 2017 University of Massachusetts, Worcester, Boston, USA
34. PD-L1 and Lung cancer: Indian scenario IASLC pathology committee meeting March 3rd, 2017. San Antonio TX, USA
35. **Session Chair** on ILD Pulmonary Pathology Society, Chicago, USA June 2017
36. Cytology of Head and Neck Soft Tissue Tumors. 19th International Congress Cytology 2016. May 2016. Pacifico Yokohama. Yokohama, Japan

List of Awards where I have mentored

1. **Second Prize.** Platform presentation. Dr Urvashi Yadav. Molecular Pathology Association of India Conference. Feb 17, 2024. AIIMS New Delhi
2. **Second Prize.** Poster Senior Resident Category. Dr Sherrin Jacob. Third Annual Research Day. AIIMS New Delhi. 2024
3. **Second Prize.** People Choice Poster/Critics' Under Graduate Category. Ishan Gupta. Third Annual Research Day. AIIMS New Delhi. 2024
4. **Commendation Prize.** Poster Under Graduate Category. Ishan Gupta. Third Annual Research Day. AIIMS New Delhi. 2024
5. **Commendation Prize.** Poster Junior Resident Category. Dr Arkadipta Mukherjee. Third Annual Research Day. AIIMS New Delhi. 2024
6. **Second Prize. Oral presentation.** Amber Rathor. Liquid biopsy as reflex testing in lung cancer. NALCCON 2022. AIIMS Jodhpur. Jan 2023
7. **First Prize Poster.** NUT Carcinoma in effusion cytology. Dr Urvashi. Cytocon 2022. Siliguri.
8. **Second Prize. Oral paper-Senior Resident category.** Dr Surabhi Jain. EGFR mutation testing from supernatants of pleural effusion specimens. AIIMS, New Delhi. **Second Annual Research Day. 2022**
9. **Talented Young Pathologist Award:** Dr Aruna Nambirajan. Cytology samples in lung cancer predictive biomarker testing protocols: are we utilising them enough? **DAPCON 2022**
10. **Developing Nation Award:** Amber Rathor. World Lung Cancer Congress **Vienna, Austria, 2022.** Clinical Application of Liquid Biopsy for assessing Early EGFR mutation detection in Non-Small Cell Lung Carcinoma
11. **Dr Satya Monga Award** Dr Rimlee Dutta for published paper titled 'Cytomorphology of primary pulmonary NUT carcinoma in different cytology preparations'. **Cytocon 2021** AIIMS, New Delhi
12. **Col. D. B. Nayar Memorial Award:** Dr. Swati Mahajan– "Malignant pleural effusion cell blocks are reliable candidates for PD-L1 analysis in advanced lung adenocarcinomas: a concordance study with matched histology samples" **Cytocon 2021** AIIMS, New Delhi
13. **Developing Nation Early Career Award:** Dr Aruna Nambirajan. World Lung Cancer Congress (Virtual) 2021. To evaluate the complementary utility of combined ALK/ROS1 FISH with immunohistochemistry for ALK/ROS1 rearrangement testing in lung cancer
14. **Young Investigator Award:** Varsha Singh PhD Student: National Lung Cancer Conference (NALCCON) Dec 2019, KGMC, Lucknow for work entitled as 'Survival analysis of common and uncommon EGFR (Epidermal Growth Factor Receptor) mutations in non-small cell lung carcinoma (NSCLC)'
15. **Runner up Prize for Poster** presentation Dr Shraddhanjali Satapathy at National Lung Cancer Conference (NALCCON) Dec 2019, KGMC, Lucknow 'EGFR mutation testing on plasma and urine samples: A pilot study evaluating the value of liquid biopsy in lung cancer diagnosis and management'
16. **Dr Satya Monga Award** Dr Tripti Nakra for published paper titled INSM1 is a robust nuclear immunostain for the diagnosis of small cell lung carcinoma in cytology smears. **Cytocon 2019** PGIMER, Chandigarh
17. **Best Poster Award** (Original paper series): Dr Tripti Nakra. INSM-1 in small cell carcinoma of lung. **Delhi Chapter Indian Academy of Cytologists** Sep 2018
18. **Best Poster Award** (Case reports series): Dr Priyadarshini. Cytomorphologic clues to diagnose ALK positive large B cell lymphoma. **Delhi Chapter Indian Academy of Cytologists** Sep 2018

19. **Col. D. B. Nayar Memorial Award** : Dr. Aruna Nambirajan, AIIMS, New Delhi – “Use of exfoliative specimens and fine needle aspirate smears for mutation testing in lung adenocarcinoma” **Cytocon 2017** Shillong
20. **Best Oral Paper Award**: Dr. Aruna Nambirajan. Role of cytology specimens in subtyping of pulmonary adenocarcinoma patterns and molecular analysis: a comparative study with matched small biopsies **Delhi Chapter Indian Academy of Cytologists** Sep 2016
21. **Best Poster Prize**: Dr. Aruna Nambirajan Metastatic alveolar soft part sarcoma of the lung: a diagnostic pitfall on cytology. **Delhi Chapter Indian Academy of Cytologists** Sep 2015
22. **Best Oral Paper Award**. Dr Ritika Walia. Conventional TBNA versus EBUS-TBNA in the diagnosis of mediastinal lymphadenopathy: A comparative study. **Delhi Chapter Indian Academy of Cytologists** September, 2014
23. **Best Poster Award**. Dr Suvendu Purkait,. Differentiation of Histoplasma and Cryptococcus in cytology smears: a diagnostic dilemma in severely necrotic cases. **Delhi Chapter of Indian Academy of Cytologists** September 2014
24. **Best Poster Award**. Dr Ritika Walia. Immunohistochemical characterization of non-small cell lung carcinoma on small biopsies with assessment of EGFR mutation using mutation specific antibodies, **DAPCON** March 2014 R&R Hospital New Delhi

EDITORIAL BOARD MEMBER (INTERNATIONAL JOURNALS):

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Section editor: Molecular Cytopathology, **Archives of Pathology and Lab Medicine**

Guest Editor:

Mediastinum. Pediatric mediastinal tumors: clinicopathologic spectrum

Seminars in Diagnostic Pathology: Updates and new entities in lung cancer

NATIONAL POSITIONS

1. Member of the Life Sciences Preliminary Screening Committee of Power Grant SERB
2. Member, PAC (Program Advisory Committee)- Interdisciplinary Biological Sciences (IBS) SERB
3. Member, SERB Teachers Associateship For Research Excellence (TARE) committee
4. Special Invitee, SERB Scientific and Useful Profound Research Advancement (SUPRA) committee
5. Special Invitee, SERB International Research Experience (SIRE) Committee
6. Reviewer, AIIMS Early Career Intramural Research Projects
7. Executive member Indian Society for Study of Lung Cancer (ISSLC)
8. Expert member, Lung Cancer Guideline Development Group ICMR
9. Subject Expert National Board of Examinations (NBE)
10. Subject Expert Delhi University
11. Subject Expert AIIMS Kalyani

INTERNATIONAL POSITIONS

1. Member, Education Committee IASLC (International Association for Study of Lung Cancer) USA
2. Member DEI (Diversity, Equity and Inclusion) Taskforce IASLC, USA
3. Co-Chair Cytology working group IASLC, USA
4. Member Pathology Committee IASLC, USA
5. Editorial group member IASLC Lung Cancer News (ILCN)
6. Author of several chapters WHO classification of Endocrine and Neuroendocrine tumors, Head and Neck tumors and upcoming WHO-IAC Cytopathology Reporting Systems Soft tissue tumors
7. Editorial board member and Author of several chapters WHO classification of thoracic tumors 2021
8. Editorial board member and Author of several chapters, WHO-IAC Cytopathology Reporting Systems, 1st Edition - International System for Reporting Lung Cytopathology
9. Member ICCR Thymic Epithelial Tumours dataset authoring committee
10. Award committee member Pulmonary Pathology Society, USA

REVIEWER: Many National and International Journals