

Dr. Divya Midha,
Senior Consultant,
Department of Oncopathology,
Tata Medical Center,
Kolkata.

- **MD (Path)** **Father Muller Medical College, Mangalore ,** April 2008
Rajiv Gandhi University of Health Sciences (RGUHS), Karnataka, India
- **MBBS** **Jawaharlal Nehru Medical College, Belgaum ,** October 2001
Rajiv Gandhi University of Health Sciences (RGUHS), Karnataka, India

Professional Experience :

- Consultant Pathologist at **Tata Medical Centre, Kolkata.** (June 2012 to Present)
- Fellow in Oncopathology at **Tata Medical Centre, Kolkata.** (June 2011 to May 2012)
- Consultant Pathologist at **SRL, Religare** (May 2009 to April 011)
- Pathologist at **Lifeline Hematology Centre, Hyderabad** (August 2008 to February 2009)
- Pathologist at **Tapadia Diagnostics, Hyderabad** (August 2008 to February 2009)
- Integral part of working team of **Thalassemia and Sickle Cell Society, Hyderabad** (August 2008 to February 2009)
- Observer in Department of Oncopathology, **Kidwai Cancer Institute, Bangalore** from 1st to 30th May 2007.
- Observer in Department of Neuropathology, **NIMHANS, Bangalore** from 1st to 15th July 2007.

Subspecialty Interests, Multidisciplinary tumour board (MDT), Disease Management Group (DMG) :

While at Tata Medical Center, I have developed core competencies in areas of Gynaecologic, Urologic, Soft tissue, Lung pathology and cytopathology. I regularly attend multidisciplinary tumour board meetings in the above specialties and I am an integral part of Gynaecologic, Urologic, Soft tissue and Lung DMG at our hospital.

I also have keen interest in Cytology and play an important role in providing Gynaecologic and Non-gynaecologic cytology service. I have been responsible for Cytology Operations in our Laboratory from 2018-2020 and I regularly interact with radiologists, gynaecologic surgeons, gastroenterologists and pulmonologists for providing effective cytology services at TMC.

Academics :

The Department of Oncopathology at Tata Medical Center has a comprehensive programme for Oncopathology trainees. The Post Doctoral Certificate Course / Fellowship (PDCC) in Oncopathology (including Histopathology and Cytology) under the aegis of the Indian College of Pathologists (ICP) recognises 2 fellows who complete their rotation over 1 year duration. In addition there are 5 Fellowship posts for 1-2 year rotation. I have been actively involved in guiding and mentoring the trainees in all educational activities through grossing sessions, daily histopathology, cytology and frozen section reporting, weekly teaching sessions and MDTs. I have also organized Subspecialty Conferences, CMEs encompassing Gynaecologic, Urologic, Soft tissue and Lung pathology over the years.

Quality control :

The Oncopathology Laboratory and all its sections are NABL accredited (National Accreditation Board of Testing and Calibration Laboratories: ISO 15189) since 2013. I have played an active role right from the inception in formulating SOPs and other quality control measures for the laboratory.

I underwent the NABL Internal Auditor course in February 2016 and since then I have been regularly conducting internal audits in various Departments of Laboratory Sciences.

I believe that it is the quality of work that makes us stand apart from the rest and I have taken special interest with daily quality control and external quality control programme in Cytology as I was given the responsibility of the operational aspects of the Cytology section from 2018 to 2020.

Invited lectures, case presentations (2016-Present):

1. 10th Annual State Cytology Conference, organized by IPGMER and West Bengal Cytology Society on 2nd April, 2016 : Delivered a lecture on Interesting Cytology Cases in Routine Practice.
2. International CME on Soft Tissue Tumours, organized by CAPP on 13th April 2016 : Unusual soft tissue tumours; Slide seminar.
3. 22nd ICP AIPNA International CME in Pathology, organized by TMCK in January 2017 : Delivered a slide seminar on Interesting Cases in Cervical Pathology.

4. Controversies in Lung Cancer Management, organized by Department of Radiotherapy, TMCK in April 2017 : Delivered a lecture on ALK and ROS1 testing.
5. 25TH Annual Conference of Association of Gynaecologic Oncologists of India, held in October 2017, organized by TMH Mumbai : Participated in panel and case discussion.
6. Liquid based cytology CME 2018, organized by AMRI Hospitals, Bhubaneswar on 19th April 2018 : Delivered a lecture on Gynaecologic cytology and utility of Cytospin.
7. 1st comprehensive update on genito-urinary malignancies, organized by TMH Mumbai on 30th June and 1st July 2018 : Participated in panel and case based discussion.
8. Uro-pathology Update, CAPPCON 2018, organized by CAPP on 18th November 2018 : Moderated panel discussion and conducted case based learning session.
9. Masterclass in Clinical and Uro-Oncopathology, organized by Kokilaben Dhirubhai Ambani Hospital and Medical Research Institute in November 2018 : Participated in panel and case discussion.
10. Thoracic Oncology-Translating research into practice, organized by Rajiv Gandhi Cancer Institute and Research Centre, New Delhi held on 8th-10th February 2019 : Presented interesting cases in Pulmonary pathology.
11. 5th Annual Conference of Indian Musculoskeletal Society, IMSOS 2019 : Presented interesting cases in Soft Tissue pathology.
12. Faculty to the “17th Tata Memorial Hospital – Women’s Cancer Initiative (TMH-WCI) Conference” from 18th October to 20th October, 2019 : Delivered a lecture on “Dilemmas in the management of “Uterine Cancers”- Pathologist perspective”.
13. CME on Gynaec Oncopathology held in FMMC, Mangalore in November 2019 : Delivered a lecture on “Challenges in diagnosis of endometrial cancers”.
14. CME on Gynaec Oncopathology held in FMMC, Mangalore in November 2019 : Presented a SLIDE SEMINAR on “Interesting cases in Gynaecologic Pathology”.
15. 53rd Annual Conference : Urological Society of India (USICON 2020), held in Kochi in January 2020 : Delivered a lecture on Molecular markers in bladder cancer : Has it reached the clinics ?
16. XVIII Annual Conference on Evidence Based Management of Cancers in India EBM 2020 - Urological Cancers: A Decade of Transformation 28th February to 1st March 2020 : Delivered a lecture on “The expanding classification of renal tumors and its clinical relevance”

Publications (2016-Present)

1. Das, Anirban; Mallick, Indranil ; Arun, Pattatheyil ; **Midha, Divya** ; Sen, Saugata; Krishnan, Shekhar; Bhattacharyya, Arpita. (2017). Encouraging Outcomes With Manageable Toxicity Using Neoadjuvant Chemotherapy and Intensity-modulated Radiotherapy in Advanced Pediatric Nasopharyngeal Carcinoma: Single-Center Experience From a Developing Country. *Journal of Pediatric Hematology/Oncology*. 39. 1. 10.1097/MPH.0000000000000794.
2. Kamble, S.C.; Sen, A.; Dhake, R.D.; Joshi, A.N.; **Midha, D.**; Bapat, S.A. Clinical Stratification of High-Grade Ovarian Serous Carcinoma Using a Panel of Six Biomarkers. *J. Clin. Med.* 2019, 8, 330.
3. Cohen PA, Powell A, Böhm S, Gilks CB, Stewart CJR, Meniawy TM, Bulsara M, Avril S, Brockbank EC, Bosse T, de Azevedo Focchi GR, Ganesan R, Glasspool RM, Howitt BE, Kim HS, Lee JY, Le ND, Lockley M, Manchanda R, Mandalia T, McCluggage WG, McNeish I, **Midha D**, Srinivasan R, Tan YY, van der Griend R, Yunokawa M, Zannoni GF; HGSC CRS Collaborative Network (Supplementary 1), Singh N. Pathological chemotherapy response score is prognostic in tubo-ovarian high-grade serous carcinoma: A systematic review and meta-analysis of individual patient data. *Gynecol Oncol.* 2019 Aug;154(2):441-448. doi: 10.1016/j.ygyno.2019.04.679. Epub 2019 May 19. Erratum in: *Gynecol Oncol.* 2020 May;157(2):558-559. PMID: 31118141.
4. Ambekar A, Rao V, Pai SA, Bindhu MR, **Midha D**, Kaushal S, Patil S, Jagdale R, Soni S, Kulkarni B, Sundaram S, Kumar RM, Desai S, Menon S. Grossing and reporting of testicular tumor specimens : An evidence-based approach. *Indian J Cancer.* 2020 Jan-Mar;57(1):7-12. doi: 10.4103/ijc.IJC_1072_19. PMID: 32129294.
5. Das J, Ray S, Tapadia R, **Midha D**, Mallick I. Prostate-specific Membrane Antigen-expressing Hepatic Lesion: Metastatic or Hepatocellular Carcinoma. *Indian J Nucl Med.* 2020;35(1):58-60. doi:10.4103/ijnm.IJNM_145_19
6. Ganguly S, Biswas B, Bhattacharjee S, Ghosh J, Mukhopadhyay S, **Midha D**, Dabkara D. Clinicopathological characteristics and treatment outcome in small cell lung cancer: A single institutional experience from India. *Lung India.* 2020 Mar-Apr;37(2):134-139. doi: 10.4103/lungindia.lungindia_370_19. PMID: 32108598; PMCID: PMC7065549.

7. Verma, Harish & Sehgal, Karan & Chakraborty, Santam & Biswas, Bivas & Mukherjee, Geetashree & **Midha, Divya** & Biswas, Gautam. (2019). Presentation and Management of Dermatofibrosarcoma Protuberans: a Single Center Protocol. *Indian Journal of Surgical Oncology*. 11. 10.1007/s13193-019-01007-3.
8. Gupta P, Saha K, Vinarkar S, Banerjee S, Choudhury SS, Parihar M, **Midha D**, Mukherjee G, Lingegowda D, Chatterjee S, Arunsingh S M, Shrimali R, Ganguly S, Dabkara D, Biswas B, Mishra DK, Arora N. Next generation sequencing in lung cancer: An initial experience from India. *Curr Probl Cancer*. 2020 Jun;44(3):100562. doi: 10.1016/j.currproblcancer.2020.100562. Epub 2020 Feb 28. PMID: 32178863.
9. 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.currproblcancer.2020.100561. Epub 2020 Feb 28. PMID: 32169258.
10. Ghosh, J., Ghosh, A., **Midha, D.** *et al.* Clinical and Pathological Characteristics and Outcomes of Clear Cell Carcinoma of Ovary: A Tertiary Cancer Centre Data. *Indian J Gynecol Oncolog* **17**, 80 (2019). <https://doi.org/10.1007/s40944-019-0314-1>
11. Lingegowda, Dayanandal & Gehani, Anisha & Mukhopadhyay, Sumit & **Midha, Divya** & Banerjee, Sudeep & Gupta, Bharat. (2020). Intraductal Papillary Neoplasm of the Bile Ducts: Case Reports with Review of the Literature. *Journal of Gastrointestinal and Abdominal Radiology*. 10.1055/s-0040-1715777.
12. Jindal, Tarun & Dhanalakshmi, M. & Pawar, Pravin & Panda, Joyshree & **Midha, Divya**. (2020). Inflammatory Pseudotumor of the Renal Pelvis. *Journal of Endourology Case Reports*. 6. 10.1089/cren.2020.0144.
13. Ganguly, Sandip & Alphones, Sheena & Ghosh, Priya & **Midha, Divya** & Ghosh, Joydeep & Biswas, Bivas. (2020). Rectal cancer with breast metastasis: A case report with review of literature. *Cancer Research Statistics and Treatment*. 3. 627-629.
14. Contributed to National Cancer Guidelines for diagnosis and management of Urologic Cancers.

Recent Professional Affiliations (2016 onwards)

I became Executive Committee Member of Calcutta Association of Practicing Pathologists (CAPP) in 2018.

I am one of the founder members of the Society of Genito-Urinary Pathologists of India (Founded in 2019) and currently an Executive Committee Member of the same.

Ongoing Research

The Department is involved in various research projects and the Digital Pathology system, Automatic tissue microarrayer, Multicolour IHC, Laser capture microscope are equipments acquired in the recent past to help in our research endeavours. There are facilities to biobank fresh tissue in the extramural biobank facility of our Hospital.

Some of my ongoing research activities are as follows :

1. As part of the Gynaecologic disease management group, I am assisting in the Systems Medicine Cluster (SYMEC) cervical cancer screening project in the interpretation of cervical biopsies of patients who are positive for High risk HPV DNA.
2. I am currently involved as Co-Investigator in Aegean Lung Cancer Trial (AstraZeneca) which is a Phase III, Double-blind, Placebo-controlled, Multi-center International Study of Neoadjuvant/Adjuvant Durvalumab for the Treatment of Patients With Resectable Stages II and III Non-small Cell Lung Cancer.