

DR. ANKUR MAHAJAN

Academic Senior Resident (DrNB Medical Oncology- Tata medical Center)

MD Radiation Oncology | (AIIMS), Bhubaneswar – (2022-2025)

MBBS (Hons.) | All India Institute of Medical Sciences (AIIMS), Patna (2016-2021)

Contact Details

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Key skills

- Targeted therapy and Immunotherapy
- Chemotherapy and Palliative care
- Brachytherapy (Intracavitary/ Interstitial/ Surface Mould)
- Stereotactic Radiosurgery/ SBRT

DR. ANKUR'S EXECUTIVE SUMMARY

Dr. Ankur is a result driven professional, currently pursuing his DrNB Medical Oncology from Tata medical center, Kolkata. He completed his MBBS from AIIMS Patna with Honours (5 of 12 core subjects). He has been trained in Clinical Oncology which encompasses holistic cancer care in the form of Radiotherapy with palliative care, Chemotherapy and Targeted therapy including Immunotherapy. He is proficient in recent advances including SRS/SRT/SBRT (>30+ cases) and different types of Brachytherapy (>20+ applications). He possesses comprehensive knowledge of Chemotherapeutic agents including, it's monitoring and well versed in managing the associated adverse events. He is proficient and well versed in conducting clinical research and strives to contribute to the advancements in oncological practices. He is a strong communicator with a commitment to patient centered care and multidisciplinary collaboration within the Healthcare sector.

EDUCATIONAL QUALIFICATIONS AND TRAINING

Tata medical Center, Kolkata

Completion: Ongoing (2025-)

Institute brief:

Tata medical center is one of the prestigious Oncological dedicated centre catering the eastern region of Indian Subcontinent. TMC boasts of its renowned and state of the art cancer facility. It hosts patients not only of India but also international patients. TMC have latest Bone marrow transplant and CAR-T cell therapy unit in the Hemato-oncology Department.

Completion: 2022-2025

Qualification: Post Graduation

Institute brief:

Department of Radiation Oncology, AIIMS Bhubaneswar is equipped with 2 state of the art High Energy Linear Accelerator (HELA) (Elekta Versa HD) along with 1 High Dose Rate Microselectron Brachytherapy Machine in a dedicated Brachytherapy OT which treats 120 EBRT and 3 Brachytherapy sessions daily. It has a 40 bedded daycare which caters to 70 cancer patients daily with 15 bedded IPD and 100 patients OPD daily. It also hosts Multi-Disciplinary Tumor (MDT) clinics with Surgical Oncology, Medical Oncology, Paediatric Oncology, Radiology and Otorhinolaryngology (ENT).

Milestones:

- **Single handedly** managed quarterly clinical rotations, in different units including Daycare, Radiation-Contouring and Planning, Brachytherapy, In-door ward postings and Emergency compounding to **catering of 100+ patients** on a **daily** basis from the East coast of the Indian Peninsula.
- In **Daycare**, prescribing and administering **chemotherapy, Immunotherapy** and **Targeted therapy** along with managing **chemotherapeutic** adverse reactions to over **70 patients on a daily basis**.
- In **Radiation** clinic, simulating various types of cancer along with **Image Guided Radiotherapy (IGRT) DIBH/4DCT** techniques for ensuring accurate and precise **Radiotherapy planning**.
- **Single handedly** managed Target Delineation/**Contouring** of **100+** cases which includes plethora of sub-sites including but not limited to CNS, Head/Neck, Breast, **Lung**, Gastrointestinal (Esophageal/Gastric), Genitourinary (**Prostate**, urinary Bladder, Seminoma), Gynaecological (Cervical, Endometrial, Vulval), Soft tissues sarcoma and **Paediatric** cancer (Rhabdomyosarcoma, Ewings Sarcoma).
- **Independently** undertook **20+** cases of **Stereotactic Radiosurgery (SRS)** of Benign (Acoustic Neuroma, ArterioVenous Malformation, Meningioma, etc), Malignant lesions and **10+** cases of **Stereotactic Body radiotherapy (SBRT)** of Lung, Prostate, Oligometastatic Bone mets.
- **Delivered** more than **50+** cases of **Palliative Radiotherapy** techniques including Hemostatic radiotherapy and 2D treatment for symptomatic management.
- Gained **hands-on** exposure during **Brachytherapy (BT)** posting consisting of dedicated OT for various techniques like intracavitary, interstitial, Luminal and Surface mould. Performed excess of **20+** Gynaecological intra-cavitary BT, Head/Neck Interstitial BT and Penile Interstitial BT on "**Microselectron Nucleotron HDR brachytherapy system**".
- Gained **holistic** exposure during **IPD** and **Emergency** posting preparing oneself for administering infusion **Chemotherapeutic** agents and managing various **complications** in **100+** cases like Hyponatremia, Seizures, Febrile Neutropenia and various **Oncological Emergencies** like SVCO Syndrome, Spinal Cord Compression and Tumor Lysis Syndrome.
- Well versed with various Procedures including **Pleurocentesis, Lumbar puncture** and **Paracentesis** during posting as a JR in AIIMS, Bhubaneswar.

All India Institute of Medical Sciences (AIIMS), Patna

Completion: Completed (2016-2021)

Role: MBBS

Institute brief:

AIIMS Patna is a 1200 bedded with various super specialities premier institute started in 2012. Its hosts state of the art equipment, 42 specialised departments and an array of various specialities, inpatient bed facility and emergency/trauma facilities.

Milestones:

- 1st MBBS Professional: **Honors in Anatomy and Biochemistry**, Directors Scholar and Silver Medal with aggregate of 75.33%
- 2nd MBBS Professional: **Honours in Pharmacology** with Aggregate of 73.16%
- 3rd MBBS Professional: **Honours Obstetrics and Gynaecology** and in **Medicine**, Aggregate of 72.56%

Senior School Examination (12th) (2016) - 94%

Secondary School Examination (10th) (2014) - 10 CGPA

Research experience:

- Original article: Factors Affecting the Dosimetry of high dose rate intracavitary brachytherapy in cervical cancer. Journal of Radiotherapy in Practice. 2024;23:e9
- Abstract Selected for Poster presentation in **3rd Indian Cancer Congress 2023**: Relation of Pretreatment biochemical markers with overall survival in Testicular Carcinoma (ID: AR_7086)
- Two original case reports submitted for publication in **BMJ case reports** and **Indian Journal of Case reports**
- One original research submitted in **ESMO Asia 2024**

Workshops/ conferences

- PRODVANCE East Zone, AROI
- 3rd Indian Cancer Congress 2023, Mumbai
- 45th ICRO-PG Teaching Course, Thiruvananthapuram - **Winner of the Course**
- Best of ASCO 2024, Bhubaneswar
- GIOS Rectum Contouring Workshop May 2024

- Lifetime Member of AROI (Association of Radiation Oncologist of India)
- Lifetime Member of GIOS (Gastrointestinal Oncology Society)
- Lifetime Member of ISMPO (Indian Society of Paediatric and Medical Oncology)

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15/07/08