

DR. ABHISHEK BASU

MBBS, MD (Radiation Oncology), DNBE (Radiation Oncology)



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- **Registration number** 60560 WBMC.

- MBBS from Medical College, Kolkata under the University of Calcutta in 2004.
- MD in Radiotherapy from the Department of Radiotherapy, Medical College & Hospitals, Kolkata in 2010 under the West Bengal University of Health Sciences.
- DNBE (Diplomate National Board of Examinations) in Radiotherapy from the National Board of Examinations, New Delhi in 2011.
- Postgraduate Diploma in Clinical Research from Catalyst Clinical Services in 2013.

- **Present Designation** : Associate Professor,
Department of Radiation Oncology,
Burdwan Medical College & Hospitals,
Purba Bardhaman, West Bengal.

- **Work experience** :

- Varian TrueBeam, Varian VitalBeam and Varian Clinacix (with FFF) Linacs with Eclipse Treatment Planning Systems.
- Elekta Versa HD Linac with Monaco Treatment Planning Systems.
- Siemens Somatom AS 20 16 slice 4D CT simulator.
- Eckert and Ziegler Bebig GmbH Multisource and Varian Gammamed Plus 20 channel remote afterloading HDR Brachytherapy systems with Cobalt 60 (and HDR Plus Treatment Planning) and Iridium 192 sources (Eclipse Brachyvision Treatment Planning System) respectively.
- Theratron 780 E Telecobalt machine.
- Outpatient and Inpatient services.
- Daycare chemotherapy unit and Palliative care units.

- **Experience in the field of Oncology** : 17 years

Post Graduate Teaching Experience : 13 years

- **Thesis / Dissertation Guide / Co Guide (MD Radiation Oncology)** : 10

➤ Association with AROI :

- Secretary, AROI West Bengal Chapter since 2021.
- Executive Committee Member since 2016 and Joint Secretary since 2018.
- Successfully organized the 32nd ICRO teaching Course in 2019 and the 5th AROI ESTRO GYN Teaching Course and 9th AROI ESTRO Advanced Technology Courses in 2022.

➤ Awards / Fellowships / Achievements :

- Faculty ESTRO AROI GYN Teaching Course since 2017 on 3D Image Based Brachytherapy in Cervical Cancer.
- Member, India Advisory Group of ASCO.
- Nominated as coordinator for AROI ASCO educational collaborations by AROI.
- ICRO Faculty since 2019.
- Certified international expert and trainer for Brachytherapy by Bebig GmbH, Germany.
- Awarded the AROI Overseas Fellowship (below 40 years of age category) at the All India National Conference of the AROI (AROICON 2019) at Ahmedabad, India in 2019.
- Stood First and received Dr. Satyapal Agarwal Gold Medal in Radiotherapy for the session December 2010 in DNB Radiotherapy among all students all over India.
- Awarded the Neal Joseph Fellowship and Travel Grant for Best Paper category at the All India National Conference of the AROI (AROICON 2009) at Hyderabad, India in 2009.
- Received First prize in Best Paper category at the Regional Conference of Association of Radiation Oncologists of India (AROI) West Bengal Chapter in March, 2008.
- Stood First among all students in MBBS (combining results of 1st, 2nd and 3rd MBBS Parts I and II) in the University of Calcutta.

➤ Appointed appraiser for DNB RT and examiner for DRT (Tech) Examination for Radiation Therapy Technologists.

➤ Publications in peer reviewed journals : 26, Abstracts / Conference presentations : 13

➤ Reviewer of 9 journals including JCRT (official publication of AROI), Brachytherapy (official publication of IBS), Journal of Contemporary Brachytherapy (official publication of IBS), Practical Radiation Oncology (official publication of ASTRO).

➤ Associate Editor – Bengal Journal of Cancer (official publication of AROI west Bengal Chapter).

➤ Principal and Co Investigator in many Phase III International and National Clinical Trials in Oncology.

➤ Training :

- 5th AROI–ESTRO GYN Teaching Course (jointly by AROI and ESTRO) on 3D Image based adaptive Brachytherapy in Cervical Cancer at Kolkata, India in 2022 – AROI Faculty and Course Coordinator.
- 3rd AROI–ESTRO GYN Teaching Course (jointly by AROI and ESTRO) on 3D Image based adaptive Brachytherapy in Cervical Cancer at Mumbai, India, India in 2019 – Invited as Guest Faculty.
- 3rd AROI–ESTRO GYN Teaching Course (jointly by AROI and ESTRO) on 3D Image based adaptive Brachytherapy in Cervical Cancer at Rishikesh, India in 2019 – Invited as Guest Faculty.
- 2nd AROI–ESTRO GYN Teaching Course (jointly by AROI and ESTRO) on 3D Image based adaptive Brachytherapy in Cervical Cancer at Lucknow, India in 2018 – Invited as Guest Faculty.
- 3rd AROI ESTRO-ESMO-EHNS Teaching Course on Multidisciplinary management of Head and Neck Cancers held at Indore, India in 2013.
- 2nd AROI ESTRO Teaching Course: Advanced technologies held at New Delhi, India in 2012.
- Certificate course in Essentials of Palliative Care by the Indian Association of Palliative Care held at Medical College, Kolkata in August 2008.
- ICRO Teaching Course on Breast Cancer at GCRI, Ahmedabad in October, 2008.
- Trained and certified in ICH GCP protocols.

➤ Fellowship / Observership :

- AROI Fellowship at Apollo Proton Cancer Center, Chennai in September, 2022.
- ESMO Preceptorship on Lung Cancer, Singapore 2017.
- Neal Joseph Fellowship at Tata Memorial Hospital, Mumbai in November 2010.
- Observership at Tata Memorial Hospital, Mumbai in November 2009.

➤ Membership affiliations:

- AROI – Association of Radiation Oncologists of India
- ICRO – Indian College of Radiation Oncology
- ASTRO – American Society for Therapeutic Radiation Oncology
- ASCO – American Society for Clinical Oncology
- ESTRO – European Society for Radiotherapy and Oncology
- ESMO – European Society for Medical Oncology
- IASLC – International Association for the Study of Lung Cancer
- IBS – Indian Brachytherapy Society

➤ Special interests :

- Gynecological malignancies, 3D image based brachytherapy, head and neck cancers, breast cancer, lung cancer, translational oncology.