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Nucletron India
Training
Academy

Professional training for Radiation Oncologists
and Medical Physicists

 **Nucletron**
Improving patient care

Nucletron India Training Academy

We are an Oncology pioneer, we are passionate about Improving Patient Care, we know that doing so is not just a question of delivering the latest Equipment, but involves sharing the best practices, workflow process & efficiency gains to our valued customers.

With this in mind, NITA is offering training courses for Radiation Oncologists and Medical Physicists to develop their skills in using Nucletron products and ensure the continuous improvement of patient care. The following are the courses offered at NITA:



1. Clinical Brachytherapy for Radiation Oncologists

Duration: 4 days

This four day course is designed for Radiation Oncologists with both class room and practical sessions. The class room session will be for a day, focusing on Contouring and Plan Evaluation in Brachytherapy planning. The next three days will be focusing on learning Patient selection criteria, different Brachytherapy techniques, Clinical workflows and its best practices at a reputed Cancer Hospital. This course will be useful for Radiation Oncologists who are looking to expand their Brachytherapy treatment options.

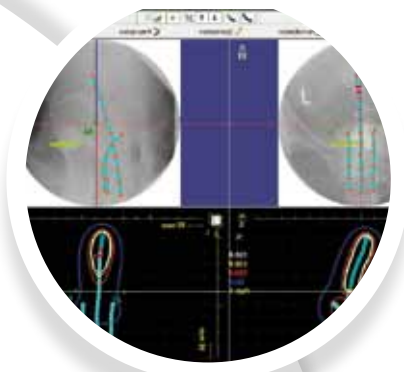
2. Brachytherapy Planning Techniques for Medical Physicists

System: Oncentra Brachy / microSelectron HDR

Duration: 5 days

The first four days of this comprehensive course is formulated keeping in mind the needs of Medical Physicists covering the entire Brachytherapy Planning procedures. The course is structured and covers topics like creation of Customizing files, Brachy Algorithms, Catheter reconstruction, creation of Dose points, Optimization, Normalization, Prescription and Physics behind the same. The trainees will be exposed to different Brachytherapy techniques and Planning procedures. The major part of the training will be hands-on on Intracavitary, Intraluminal and Interstitial Planning procedures.

The fifth day will be spent on the usage of microSelectron HDR and Applicators. This course will be useful for Medical Physicists who want to enhance their knowledge in Brachytherapy and Planning procedures.



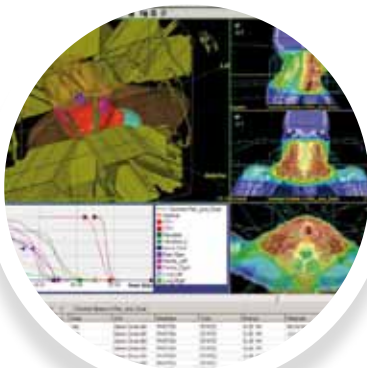


3. Contouring and Plan Evaluation Processes for Radiation Oncologists

System: Oncentra

Duration: 2 days

This two day course is meticulously designed on various Contouring and Plan Evaluation tools in Oncentra exclusively for Radiation Oncologists. The program includes use of sophisticated tools and functionalities in Oncentra, making contouring a pleasant experience for the Radiation Oncologists. Plan Evaluation is also given similar prominence, focusing on qualitative and quantitative Analysis of single plan and multiple plans. This course will be useful for Radiation Oncologists who want to make use of new technologies for the benefit of their patients.



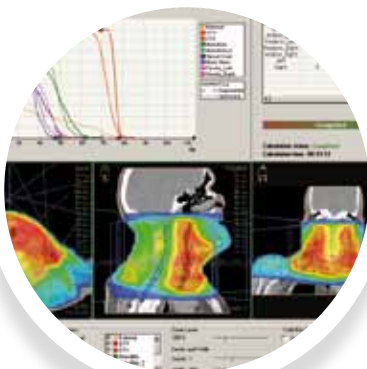
4. External Beam Planning Methods for Medical Physicists

System: Oncentra

3D conformal Radiotherapy (3DCRT)

Duration: 4 days

This four day course has a diverse portfolio for Medical Physicists with elaborate lectures and hands on training on External Beam Planning. This course is designed to acquire knowledge and skills to perform a 3D Conformal plan with sessions on importing image set, Registration, Contouring, Beam placement, Virtual Simulation, Dose Calculation, Evaluation and Prescription. The curriculum also includes Physics of Photon and Electron dose calculation Algorithms. This course is meant for Medical Physicists who want to learn and acquire immense knowledge and understanding on the finer aspects of External Beam Planning.



IMRT

Duration: 2 days

This two day Optimizer module is a sequel to the 3DCRT course. This course is designed to provide all essential aspects of IMRT planning. The objective of this course will be covering basics and pre-requisites of IMRT, defining Clinical goals, Optimization principals, Segmentation and final Dose Calculation. This course is targeted for Medical Physicists who want to be most sought after IMRT planner in the community.

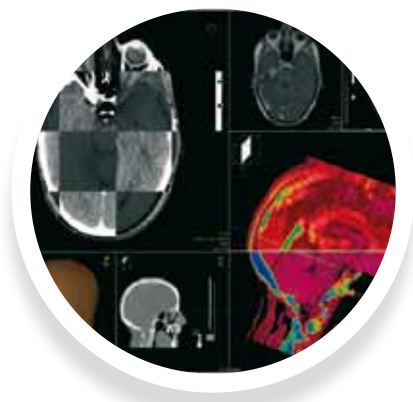


5. Basics of Treatment Planning for the students of Medical Physics

System: Oncentra

Duration: 3 days

A three day course for students of Medical Physics to tap their full potential and groom their skills to evolve them as talented Medical Physicists in the community. The course includes basics of Treatment Planning, Physics and Algorithms, Beam Modifiers, Beam Shapers, Basics of IMRT, IGRT and VMAT. The program also covers Brachytherapy Planning and procedures



6. Refresher course for Medical Physicists

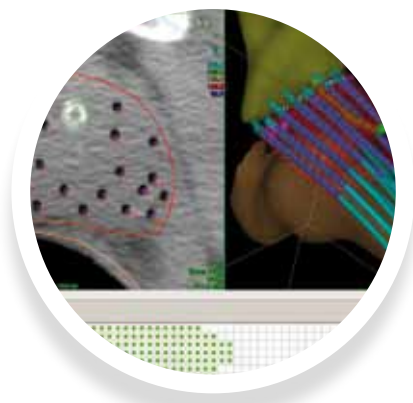
System: Oncentra

Duration: 2 days

External Beam Planning

A two day Refresher course on External Beam Planning provides opportunities for serving Medical Physicists to exchange experiences with the trainers and mutually learn from each other. The curriculum aims at refreshing and expanding the knowledge of the trainees in External Beam. The course will be a forum to keep in pace with the latest advances in External Beam Planning modules.

**Prior knowledge of Oncentra External Beam Planning is required*



Brachytherapy planning

A two day Refresher course on Brachytherapy provides opportunities for serving Medical Physicists to exchange experiences with the trainers and mutually learn from each other. This course will be a forum to update on the latest advances in Brachytherapy Planning modules.

**Prior knowledge of Oncentra Brachy Planning is required*



About Nucletron

Nucletron provides state-of-the-art radiotherapy solutions for cancer treatment that meet the evolving needs of patients, their caregivers and healthcare professionals around the world. Nucletron has unmatched global leadership in brachytherapy: a very precise, highly effective, well-tolerated treatment tailored to the needs of individual patients that is also cost-effective and therefore an excellent choice for healthcare providers. We work with clinical teams to constantly improve and develop an innovative portfolio of integrated products, software and services that assures excellent patient outcomes. Headquartered in Veenendaal, the Netherlands, Nucletron employs over 500 employees, has offices in 15 countries, and products available in more than 100 countries around the world.

Nucletron India Training Academy

NITA - Nucletron India Training Academy focuses on training Radiation Oncologists and Medical Physicists on various Nucletron products.

This state-of-art academy has been established to provide training, to upgrade and update the skills of Radiation Oncologists and Medical Physicists in the use and applications of Treatment Planning Systems and Brachytherapy Remote Afterloaders.

The course curriculum is thoughtfully designed to enhance the knowledge and develop confidence in using the various Nucletron products & solutions.

The trainings will be conducted by highly experienced and competent experts who have spent years in understanding the current Clinical needs of the Radiation Oncology space.

For more details please contact

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