



CONFERENCES



30° Residential Course: Modern Radiotherapy and Precision Oncology

23 – 24 November 2020, Rome, Italy
Endorsed by ESTRO



UNIVERSITÀ
CATTOLICA
del Sacro Cuore



Modern radiation oncology and new drugs enable us to achieve the best oncological treatment for each patient.

The possibility to combine high technologies with detailed information related to the heterogeneity of tumours and their micro-environments, omics sciences and innovative systemic therapies, led to the possibility that unconventional radiotherapy treatments could be used in combination with new drugs.

In this context, the impact of new tools for the identification of both molecular and immunological, viral and microbiota heterogeneity, along with imaging information made available by the domains of the omics sciences in the field of precision medicine, take on a particularly important aspect in the choice of radiotherapy parameters such as total dose, dose per fraction and volume and combinations with new drugs, targets and immunotherapeutics.

The aim of this course is to teach students about the general principles of evidence of modern precision medicine and its application in combination with new drugs in the field of various oncological pathologies. There will be a particular focus on lung cancer and oligometastatic disease. Furthermore, in small groups, we will look in detail at topics related to research in the fields of radiomics and big data.

Due to the limitations in movement and gatherings that have been imposed during the COVID pandemic, and uncertainty regarding the duration of these limitations, this year we have decided to carry out the event in a Web Format Congress.

For more information visit: www.unicatt.it

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