



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore

Gemelli



Fondazione Policlinico Universitario Agostino Gemelli IRCCS  
Università Cattolica del Sacro Cuore

ART

Advanced Radiation  
Therapy



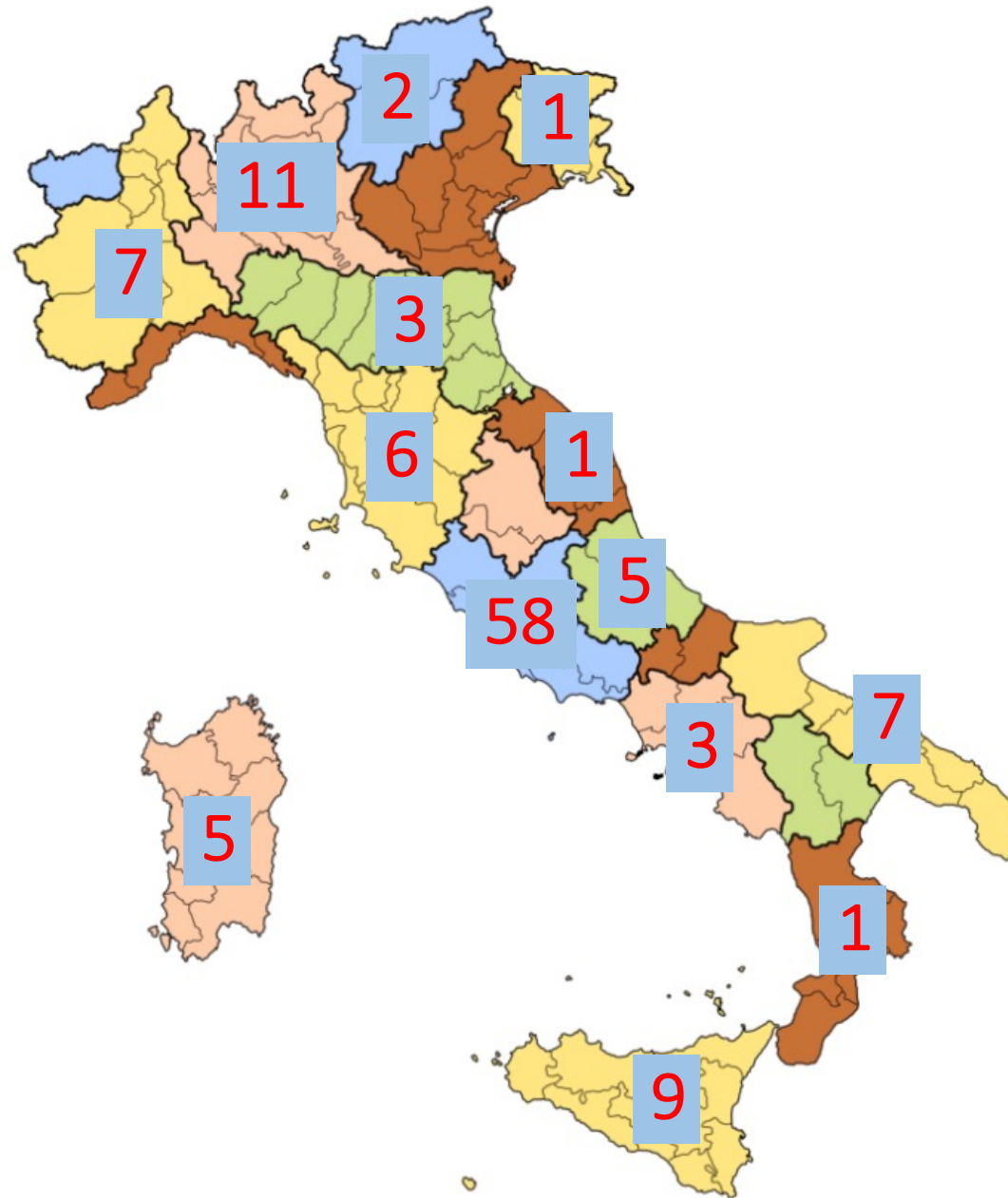
# *Innovative treatments and patients compliance*

31° RESIDENTIAL COURSE

## ***International Faculty***

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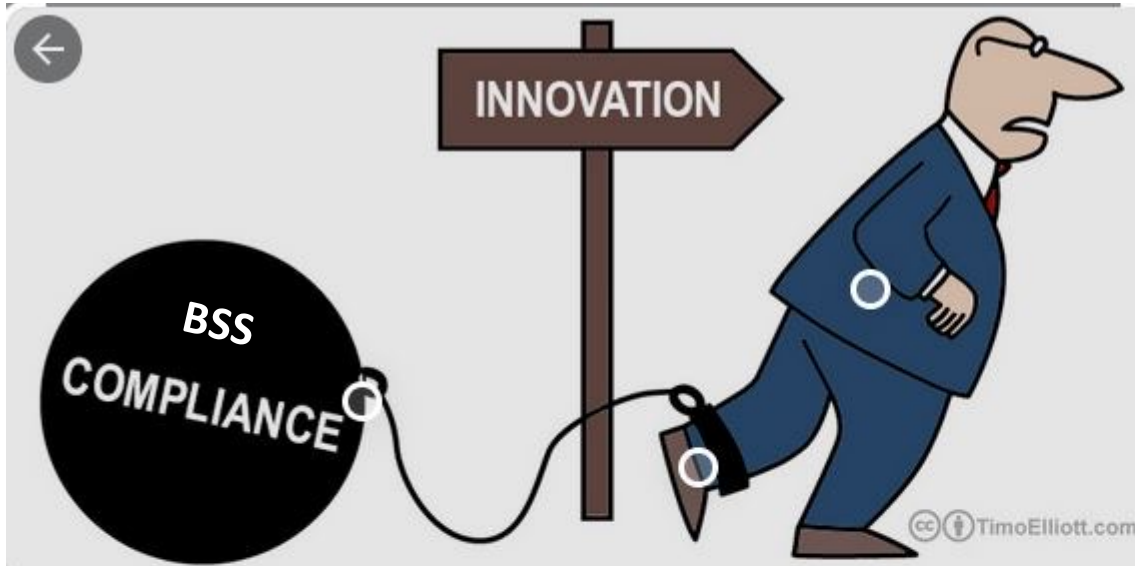
Prof. Maria Antonietta Gambacorta



Prof. Luca Indovina



## Innovative Treatments and Patient Compliance (Continuous Innovation Process)



## DIRECTIVES

**COUNCIL DIRECTIVE 2013/59/EURATOM**

of 5 December 2013

**BSS: Basic Safety Standard (BSS)**  
Protection against the dangers arising from  
exposure to ionising radiation

Italian Regulatory System: D.lgs. 101/20

Ensure compliance to BSS to guarantee **Quality and Accuracy**

**Quality Assurance Programme:** all those planned and systematic actions necessary to provide adequate assurance that a structure, system, component or procedure will perform in compliance with specific internal and external standards.

**Clinical Audit:** Systematic examination or review of all our procedures to improve treatment quality, treatment accuracy and outcome of patient care

# *Innovative treatments and patients compliance*

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Prof. Carlos PEREZ



Prof. Numa CELLINI



# *Innovative treatments and patients compliance*

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## ***Course topics***

Introduction: *What is considered compliance in 2020's?*

Opening lecture: *Omics sciences and compliance to radiotherapy: is there a link?*

Metrics: *Which compliance to be measured?*

Metrics: *Which compliance is important for the patient undergoing radiotherapy?*

Actions: *How to prevent and recover non-compliance?*

Actions: *Will innovation change compliance in radiotherapy treatments?*

Actions: *Big Data and AI: which contribution to compliance?*

Actions: *Does drug innovation change compliance in combined treatments?*

Focus on: *Prostate cancer innovation and compliance*

Focus on: *H&N cancer innovation and compliance*

Focus on: *Combined radio-chemotherapy treatments in third stage lung cancer*

Focus on: *Lung cancer innovation and compliance*

Focus on: *Breast cancer innovation and compliance*

Focus on: *Anal cancer innovation and compliance*