



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

Gemelli

Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore



GART
Advanced Radiation Therapy



35° RESIDENTIAL COURSE

Equity and research in oncology

The subtle balance between personalized
medicine and accessibility to care

26-27-28 October 2025

COURSE AIM AND PRESENTATION

 Maria Antonietta Gambacorta
 mariaantonieta.gambacorta@policlinicogemelli.it



Endorsed by:



Scientific Coordinators

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F. Micciché

L. Tagliaferri

Honorary Presidents

V. Valentini

A.G. Morganti



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Contents lists available at [ScienceDirect](#)

Radiotherapy and Oncology

journal homepage: www.thegreenjournal.com

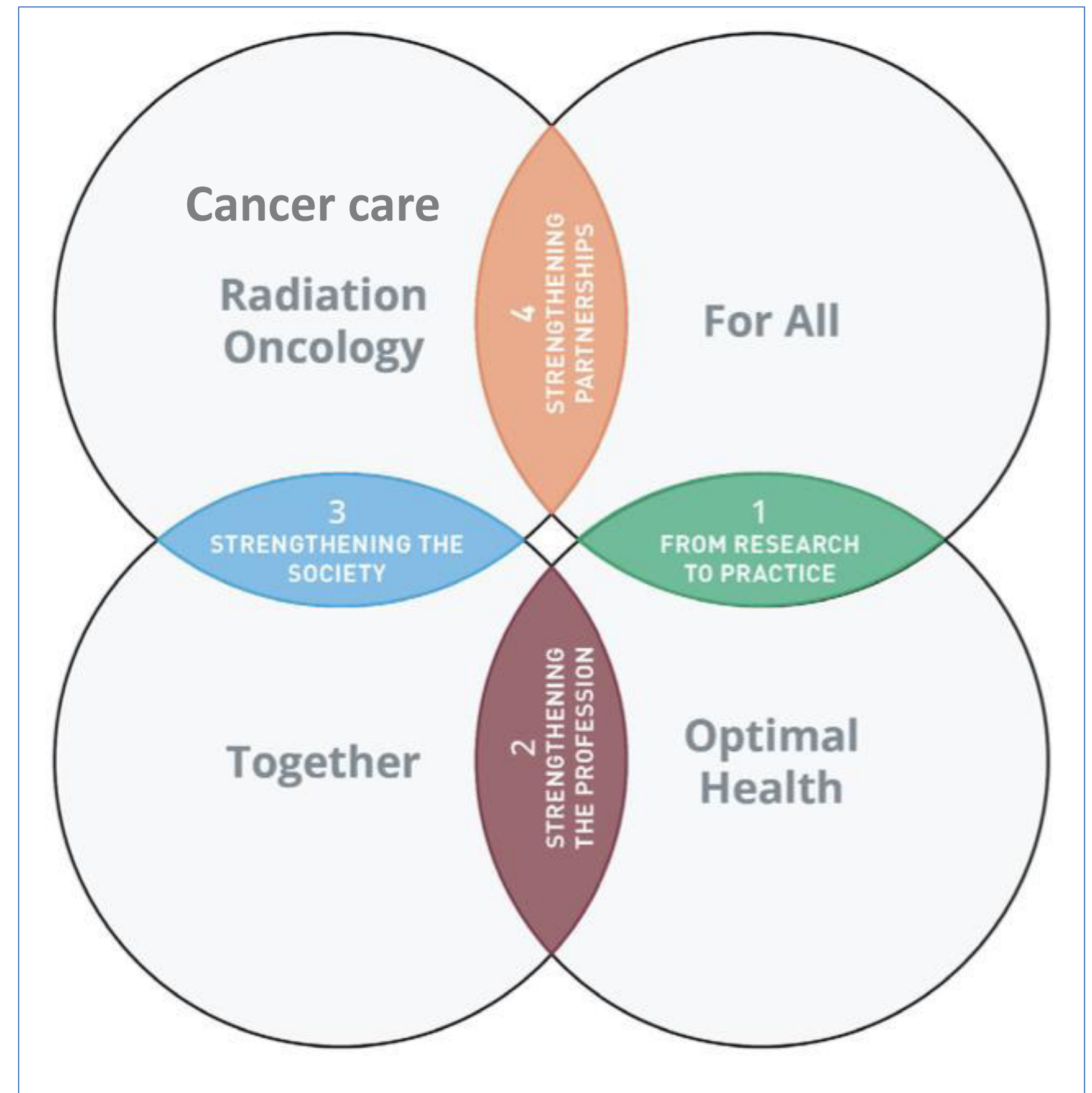


Original Article

Radiation Oncology. Optimal Health for All, Together. ESTRO vision, 2030

Yolande Lievens^{a,*}, Umberto Ricardi^b, Philip Poortmans^c, Dirk Verellen^{d,e},
Chiara Gasparotto^f, Christine Verfaillie^f, Alessandro J. Cortese^{f,g}

^aRadiation Oncology Department, Ghent University Hospital and Ghent University, Belgium; ^bDepartment of Oncology, University of Turin, Italy; ^cRadiation Oncology Department, Institut Curie, Paris, France; ^dIridium Kankernetwerk, Antwerp; ^eUniversity of Antwerp, Faculty of Medicine and Health Sciences; ^fEuropean Society for Radiotherapy and Oncology, Brussels; and ^gAntwerp Management School, Antwerp, Belgium

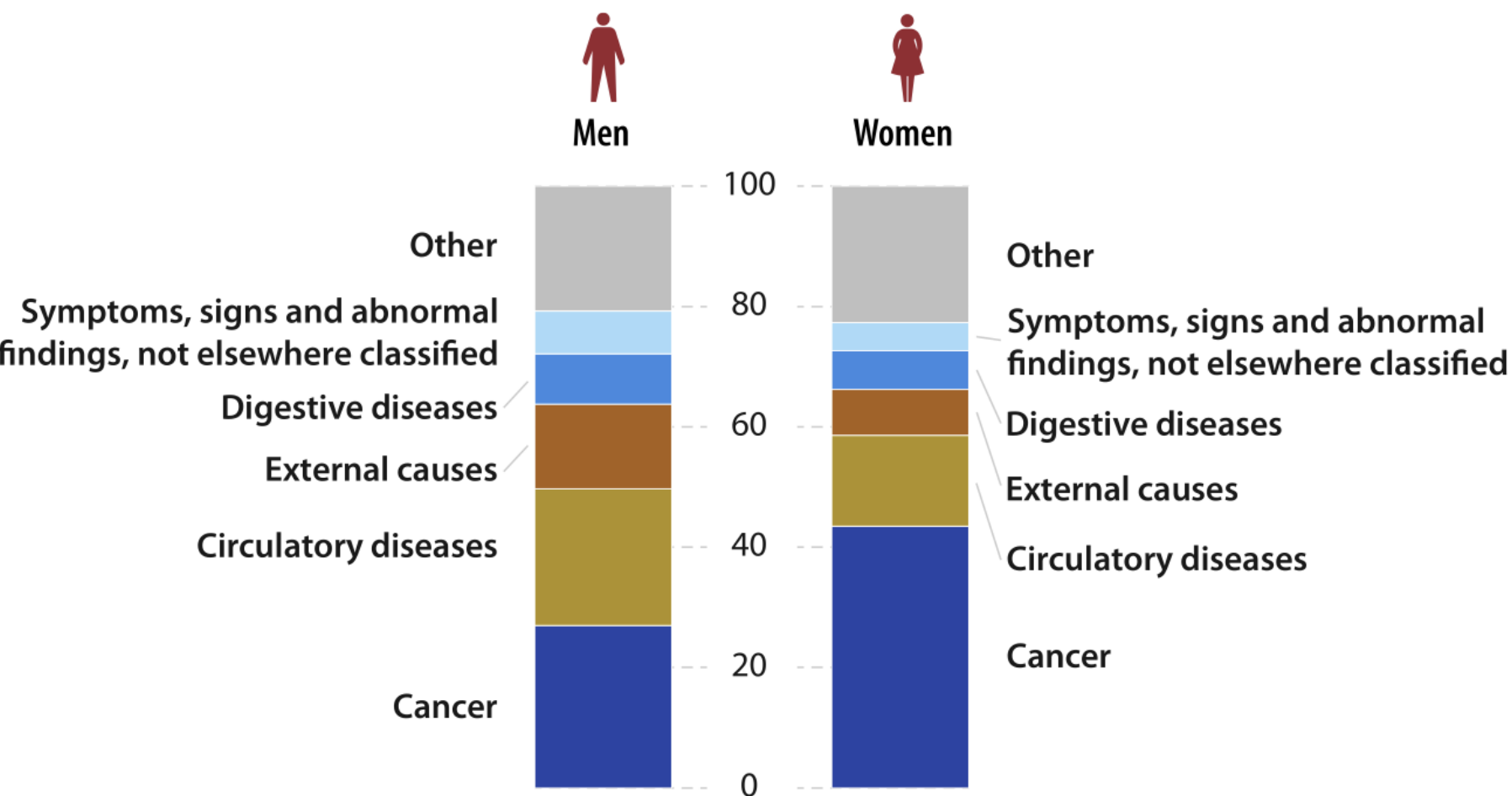


Major Causes of death in EUROPE

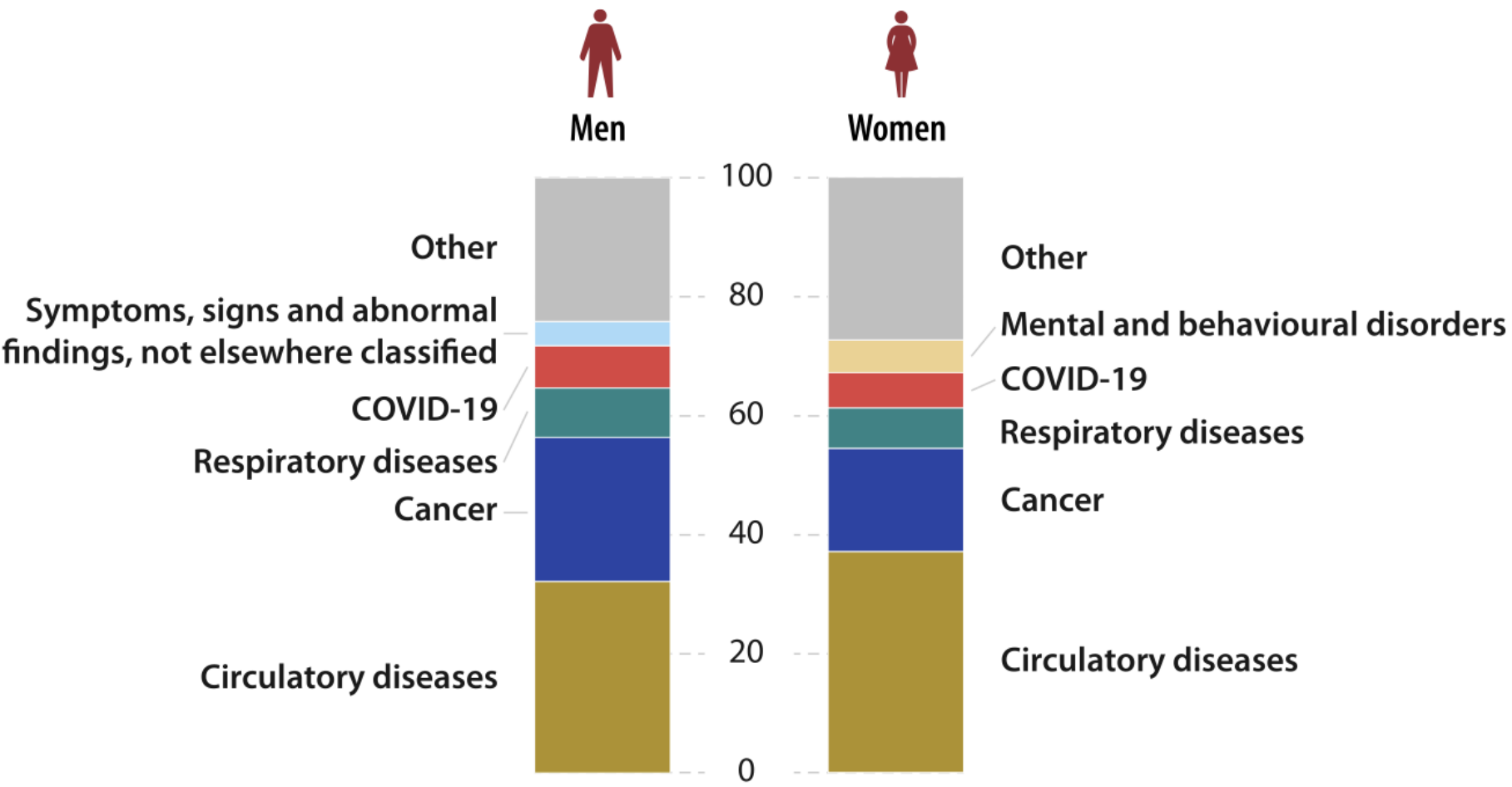
(% of all deaths, 2022)

Today

People aged less than 65

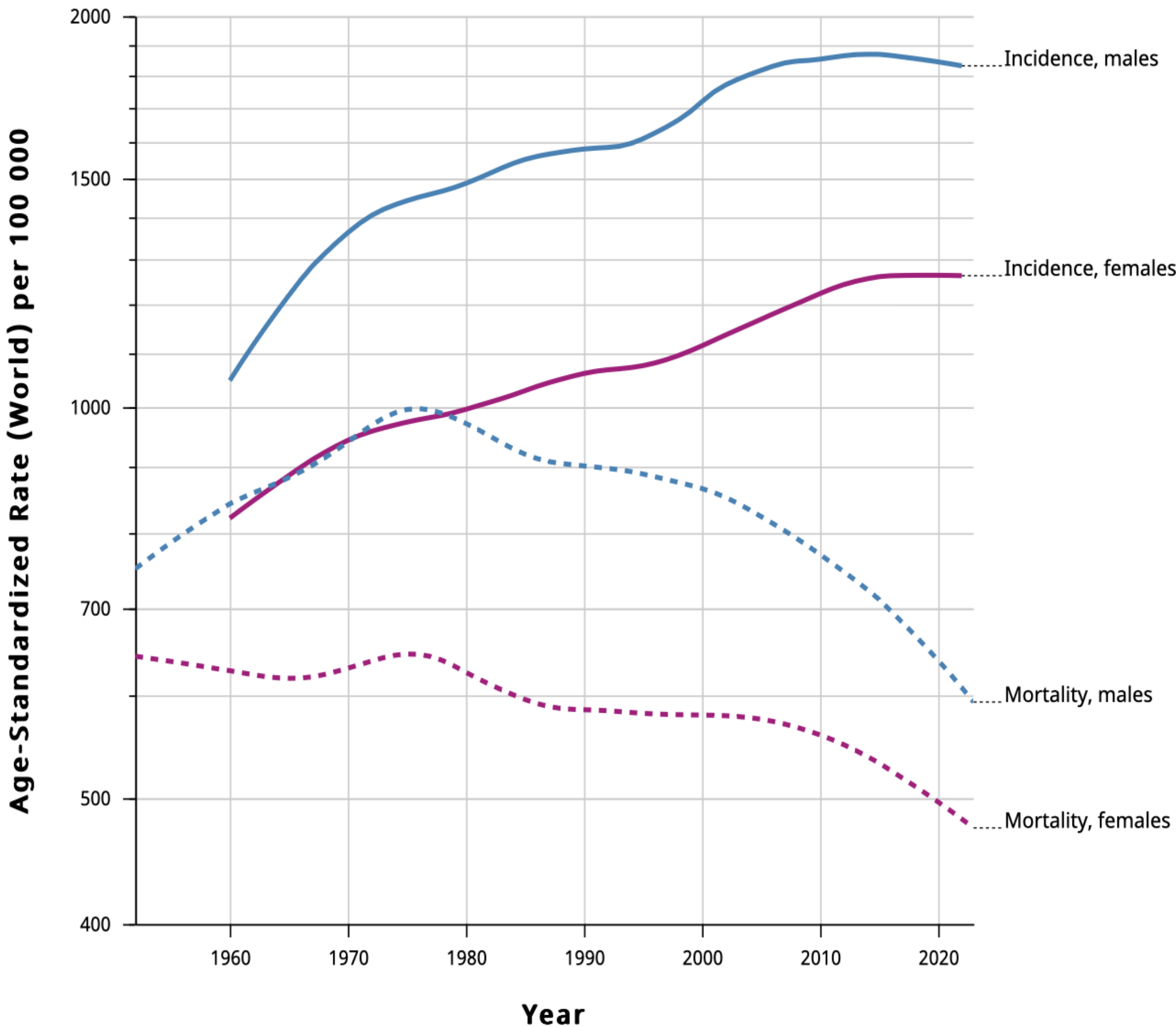


People aged 65 or more

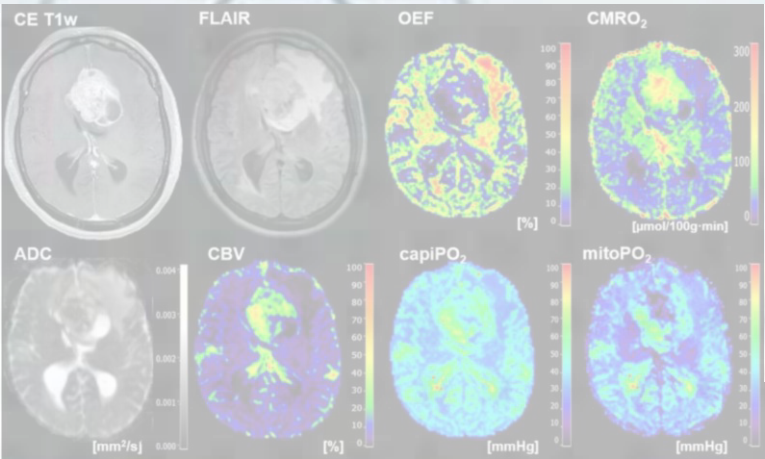


Incidence & Mortality

International Agency for Research on Cancer



Personalized Therapy

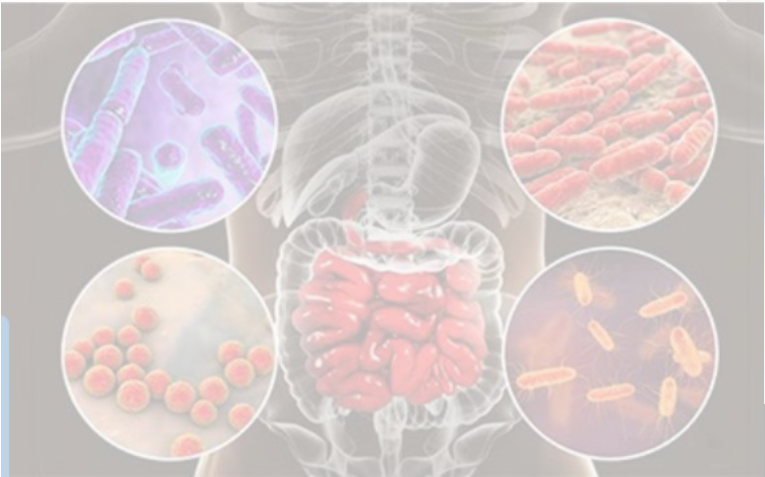


Imaging



Liquid biopsy

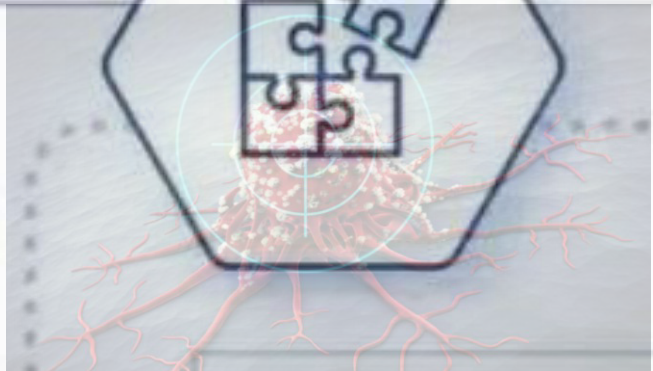
Genome sequencing



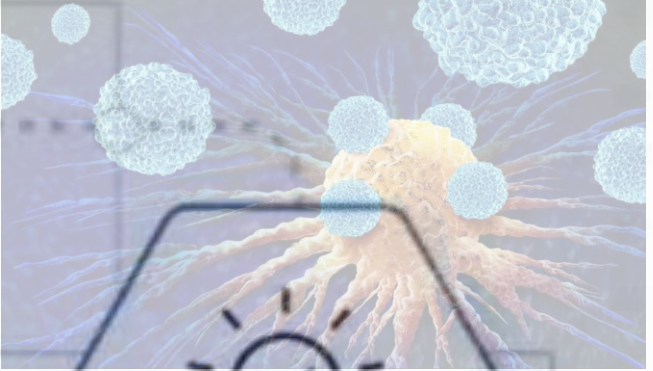
Microbioma



Target Therapy



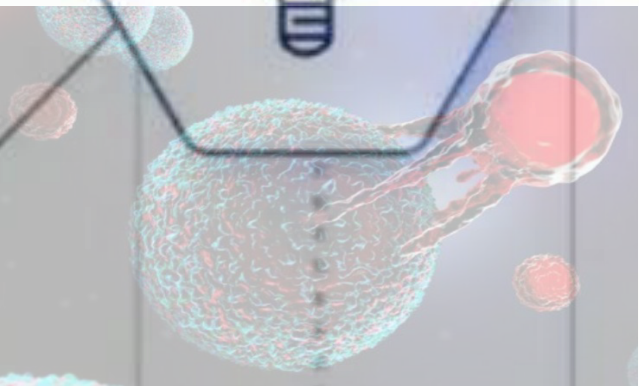
Immunotherapy



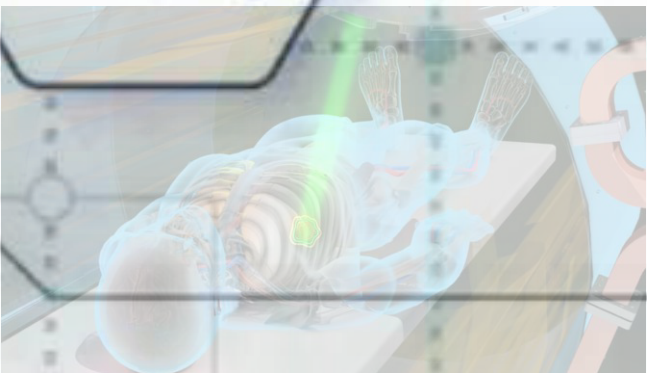
Hormonal Therapy



CAR-T



Radiation Therapy



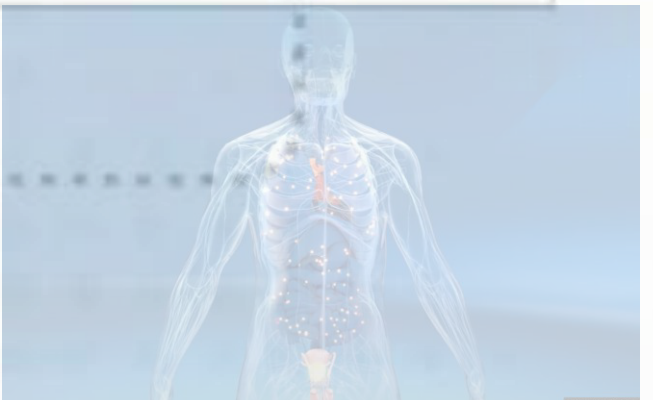
Surgery



Interventional RX-RT-Endoscopy



Theranostic



COURSE FOCUS



1

Day 1 – Food for Thought

Theme: **Innovation and Access: Balancing Research and Equity in Modern Cancer Care**

- Includes keynote lectures on European cancer care and future research directions
- Explores the tension between cutting-edge oncology and equitable access
- Focus on modern radiotherapy, systemic therapies, and surgical innovation

COURSE FOCUS



1

Day 1 – Food for Thought

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- Explores the tension between cutting-edge oncology and equitable access
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2

Day 2 – Pathologies

Theme: **Innovation, Equity, and Cost-Effectiveness Across Cancer Types**

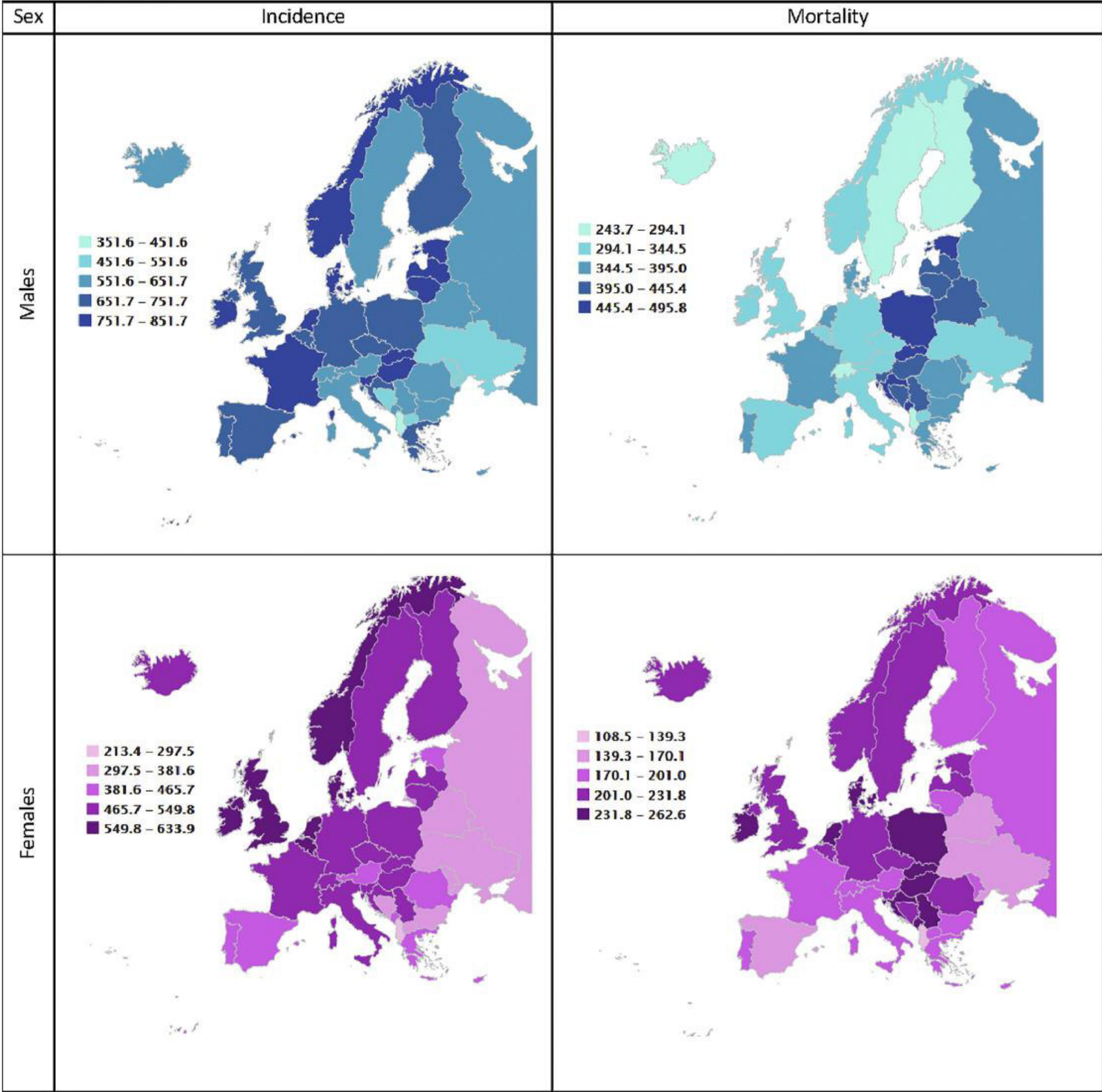
- In-depth sessions on Head & Neck, Lung, Breast, Gynecological, and Prostate cancers
- Highlights AI, radiomics, immunotherapy, and sustainability in treatment strategies
- Ends with a forward-looking panel on genomics, theranostics, and computational pathology

Square Colosseum: Palace of Italian Civilisation in Rome



DISPARITIES

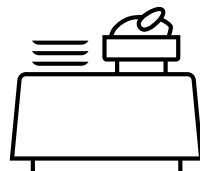
HIGHER **INCIDENCE** in Western & Northern Europe
HIGHER **MORTALITY** in Central & Eastern Europe



Public Health Expenditur



Lifestyle & Risk Factors



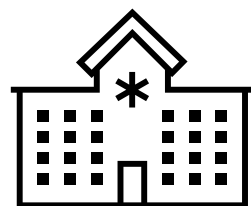
Screening & Early Detection



Vaccination & Prevention



Access to Treatment



Healthcare Quality



Data & Registry Quality



Figure 3. Socio-economic inequalities in cancer mortality in Italy are less pronounced than in most other EU countries for both men and women

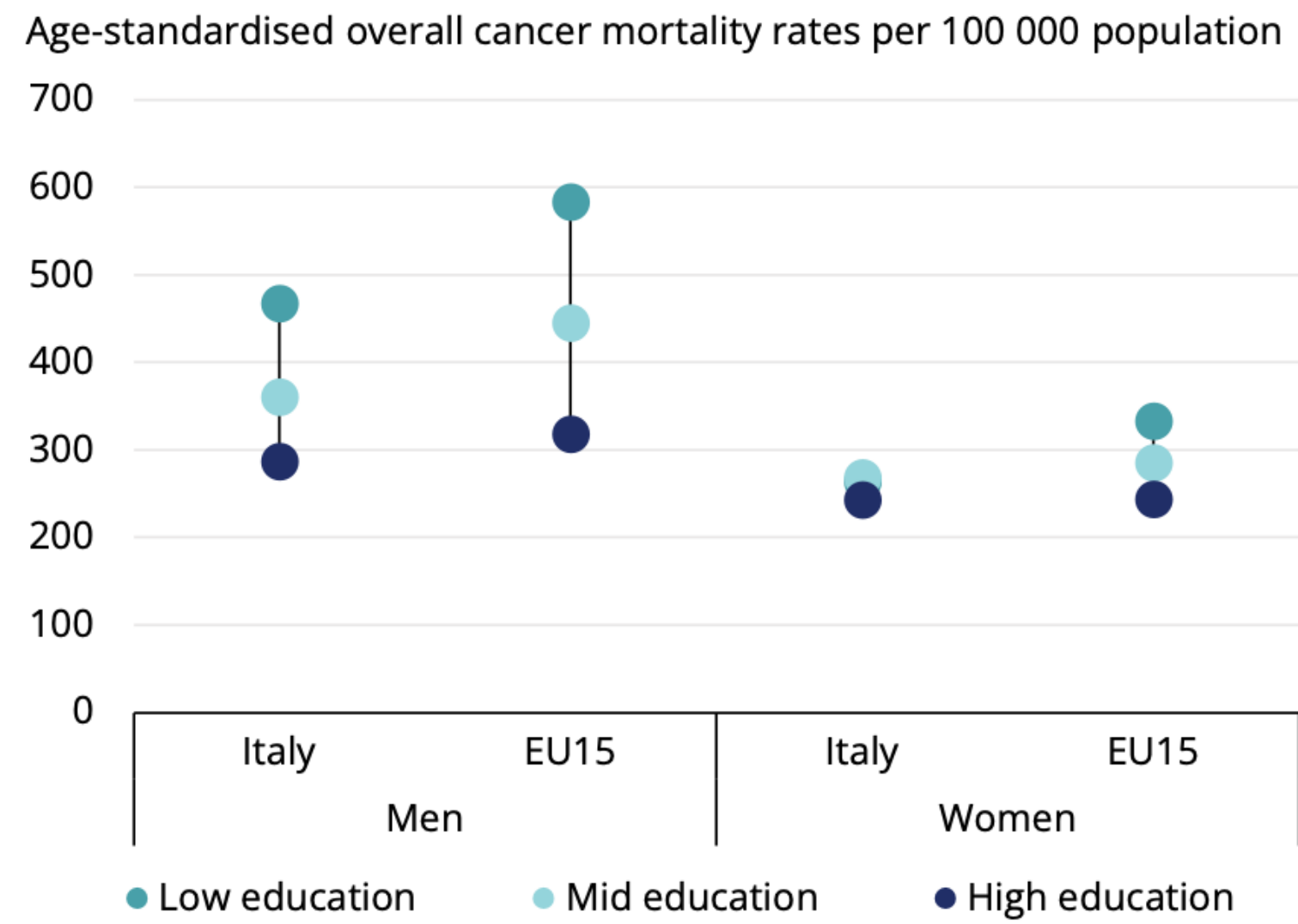
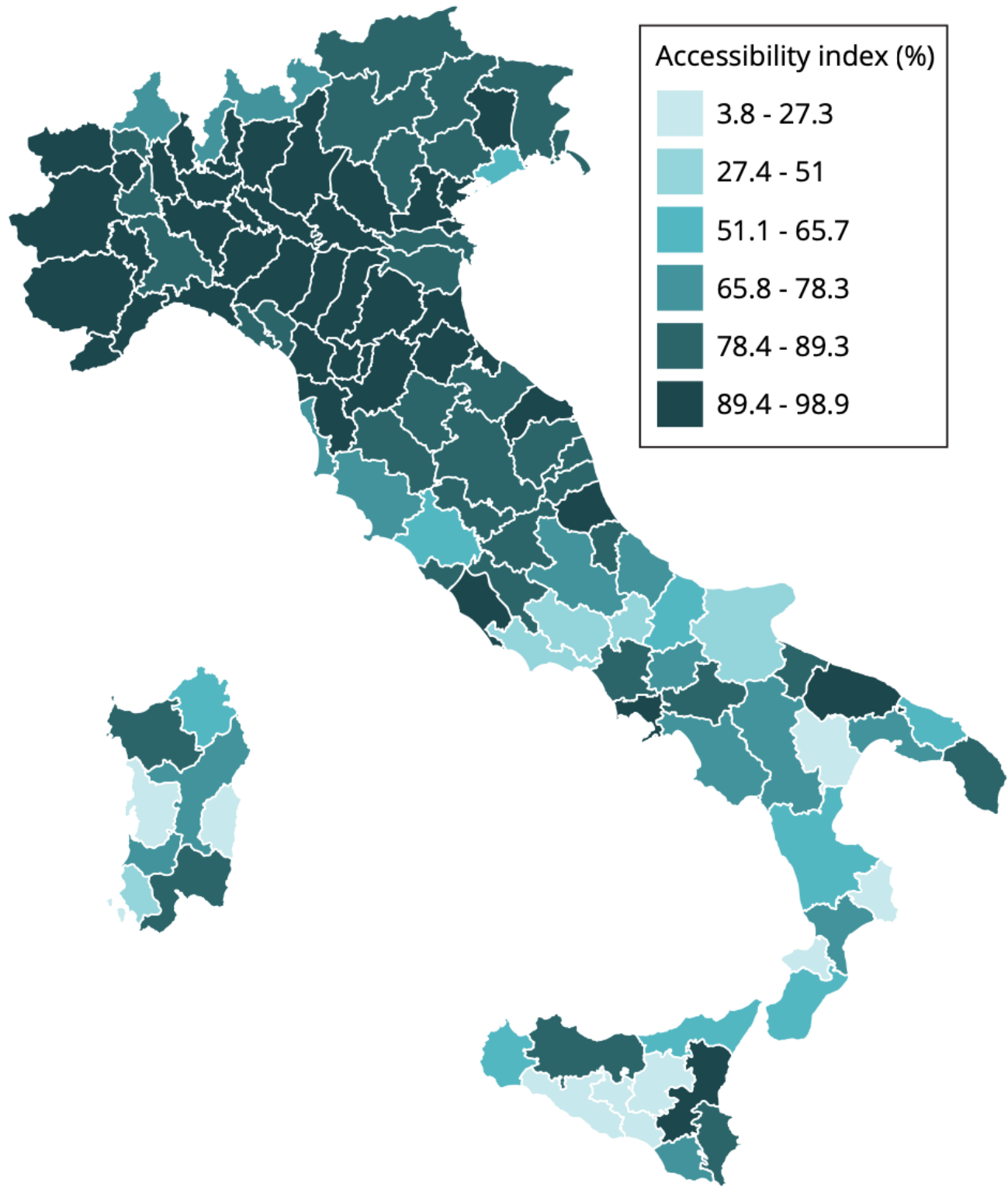


Figure 16. Distance-related barriers to accessing chemotherapy and radiotherapy services are a significant challenge in Calabria, Sardinia, Sicily and Basilicata



COURSE FOCUS



1

Day 1 – Food for Thought

Theme: Innovation and Access: Balancing Research and Equity in Modern Cancer Care

- Explores the tension between cutting-edge oncology and equitable access
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2

Day 2 – Pathologies

Theme: Innovation, Equity, and Cost-Effectiveness Across Cancer Types

- In-depth sessions on Head & Neck, Lung, Breast, Gynecological, and Prostate cancers
- Highlights AI, radiomics, immunotherapy, and sustainability in treatment strategies
- Ends with a forward-looking panel on genomics, theranostics, and computational pathology

3

Day 3 – Patient Care

Theme: **Equity, Access, and Sustainability in Oncology Services**

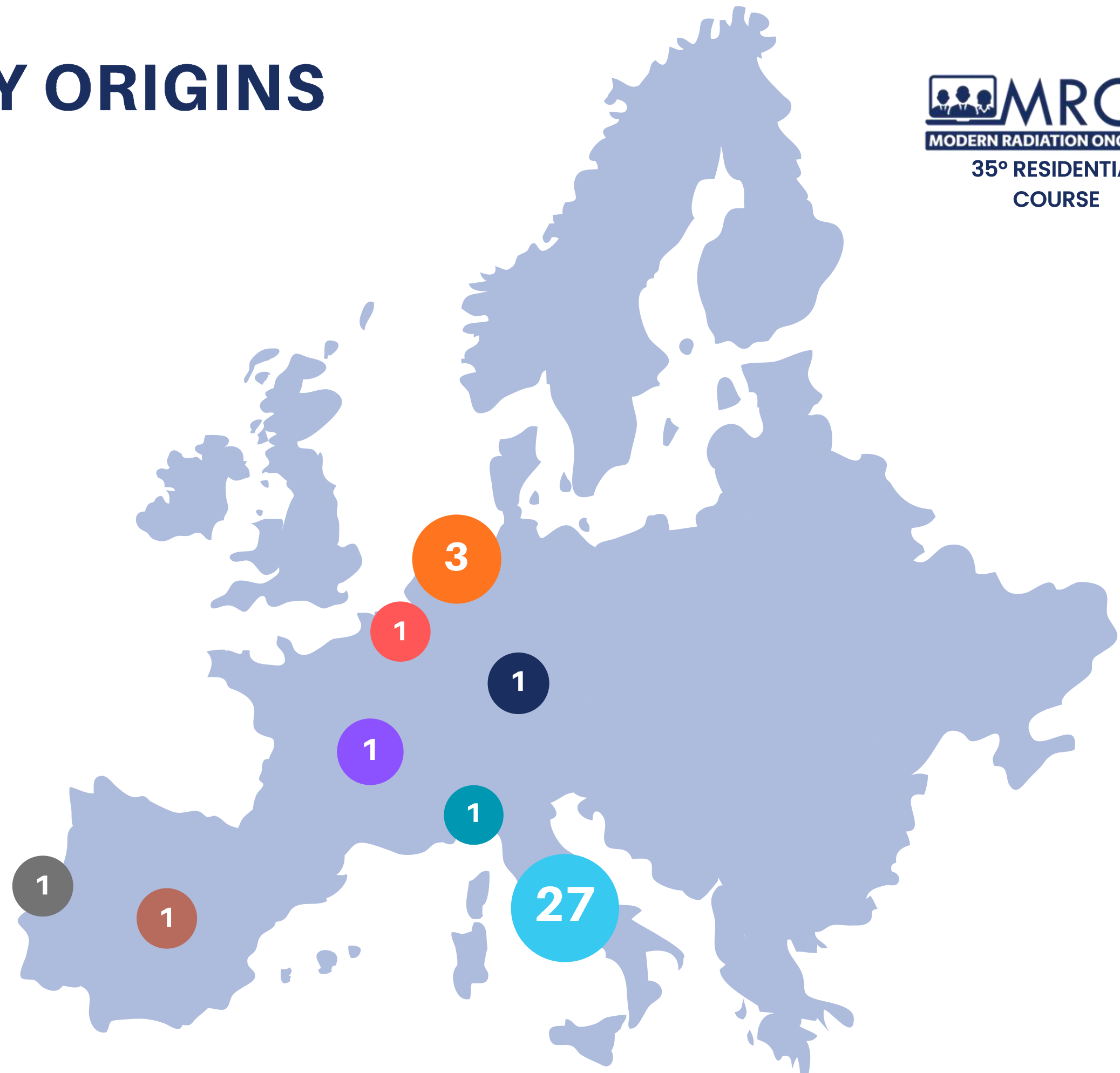
- Focus on patient-reported outcomes, integrated care, and digital health
- Addresses disparities in access to research and radiotherapy
- Concludes with models for sustainable care and follow-up across hospital-territory networks

35TH MRO FACULTY ORIGINS



35° RESIDENTIAL
COURSE

3	Netherlands
1	Spain
1	France
1	Belgium
1	Portugal
1	Germany
1	Switzerland
27	Italy



THE COURSE IS ACCREDITED FOR

Radiation Oncologists - Medical Oncologists - Medical Physicists - Radiation Therapists - Nurses

13 CME CREDITS – HOW TO OBTAIN THEM

- **Registration:** mandatory via <https://iscrizionionline.unicatt.it/s/eventsub>
- **Attendance:** signature required at entry and exit each day (minimum 90% attendance)
- **CME Credits:** after the course, participants will receive by e-mail a link to complete the **online CME test (one attempt only!!)**

Beyond the Course

27/10/2025 - 08:45-09:15

TECNOSAN

“VMAT-Based TBI, TMI and TMLI: A New Era in Total Body Irradiation”

27/10/2025 - 13:45-14:15

ELEKTA

“Adaptive radiation therapy (ART) and a unique clinical toolkit”

28/10/2025 - 09:00-09:30

TEMA SINERGIE

“Implementazione di un workflow clinico ottimizzato di Adaptive Radiotherapy”

SPONSORED LECTURES

LECTURES

MRO.ART 2025
35° RESIDENTIAL COURSE



→ 27.10.2025 

Tecnosan
Aula 615
08:45 - 09:15
NO ECM
VMAT-Based TBI, TMI and TMLI: A New Era in Total Body Irradiation
Chairs: S. Chiesa, S. Sica
Speakers: F. Greco, E. Meldolesi

→ 27.10.2025 

Elekta
Aula 615
13:45-14:15
NO ECM
Adaptive radiation therapy (ART) and a unique clinical toolkit
Chairs: R. Pellegrini
Speakers: V. Dell'Acqua

→ 28.10.2025 

TemaSinergie
Aula 615
09:00-09:30
NO ECM
Implementazione di un workflow clinico ottimizzato di Adaptive Radiotherapy
Chairs: M.E. Rosetto
Speakers: D. Raspanti

Gemelli 
Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore

Comprehensive Cancer Center

 **UNIVERSITÀ CATTOLICA del Sacro Cuore**



Art 4 ART

→  **Aula 615:**
Fondazione Policlinico Universitario
A. Gemelli IRCCS - 6th Floor
Largo Agostino Gemelli, 8 - 00168 Roma

 **Contact Information:**
+39 0630158726
radioterapia@policlinicogemelli.it

Course Venue

DAY 1

26.10.2025

Ospedale Isola Tiberina - Gemelli Isola

Aula Magna

Via di Ponte Quattro Capi, 39 - 00186 Roma



DAY 2 and 3

27-28.10.2025

Fondazione Policlinico Universitario A. Gemelli IRCCS

Aula 617 (6th floor)

Largo Agostino Gemelli, 8 - 00168 Roma

Course Venue

DAY 2 and 3

27-28.10.2025

Fondazione Policlinico Universitario A. Gemelli IRCCS

Aula 617 (6th floor)

Largo Agostino Gemelli, 8 - 00168 Roma



Aula 617 - 6° FLOOR | COURSE

Aula 615 – 6° FLOOR | SPONSORED LECTURES

CONFERENCE COCKTAIL



WHEN

27/10/2025 - h18:30



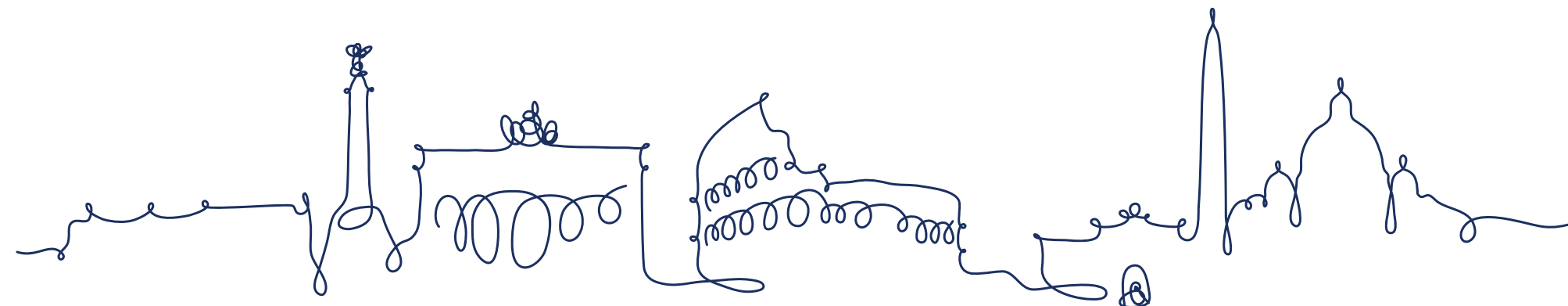
WHERE

6TH FLOOR - POLICLINICO GEMELLI

With the unconditional contribution of:

Thank to our partner companies for their
commitment to **improving patient care**
and contributing to **health education**





Thank you for coming on SUNDAY

ENJOY the Course!!