This course provides understanding of the rationale for advanced image guided external beam and brachytherapy techniques in gynaecological cancer. With this course you will learn tools to update and change clinical practice in your institution.

TARGET GROUP
The course is aimed at radiation and gynaecology oncologists, medical physicists and radiation therapist (RTTs) involved in gynaecological tumour treatments, interested in the implementation of EBRT and brachytherapy image guidance. Course participants should have specific interest in and/or initial experience with implementation of advanced MRI based brachytherapy and advanced EBRT techniques (IMRT/IGRT).

COURSE AIM
- Provide a comprehensive overview on the whole field of gynaecological radiation therapy focussing on brachytherapy and external irradiation in cervix cancer, endometrial cancer and vaginal cancer
- Provide an overview on evidence-based medicine (including concomitant chemoradiation)
- Introduce image-based target concepts of GTV, CTV and PTV in gynaecological radiation oncology including EBRT and brachytherapy
- Provide an understanding of advanced image-based EBRT and brachytherapy including techniques and treatment planning
- Enable practical implementation of advanced concepts and techniques in EBRT and brachytherapy.

LEARNING OUTCOMES
By the end of this course participants should be able to:
- Understand a comprehensive multi-modality approach to gynaecological cancers with special emphasis on radiation oncology
- Understand the rationale and apply concepts of advanced brachytherapy techniques in clinical practice
- Perform contouring, treatment planning and image guidance for EBRT and brachytherapy in clinical practice
- Adopt, refine and implement advanced radiation techniques including image guidance in gynaecological cancers.

COURSE CONTENT
- Normal and pathologic anatomy of female pelvis assessed with clinical examination and imaging: US, CT and MRI
- Image requirements for contouring and treatment planning
- GTV-T, CTV-T, ITV-T, CTV-E, GTV-N, CTV-N, PTV for external irradiation
- GTV-T, CTV-T at diagnosis and at time of brachytherapy
- Image guidance and techniques for external beam radiotherapy
- Nodal boosts and dose evaluation, including external irradiation and brachytherapy
- Provide an overview on evidence-based medicine (including concomitant chemoradiation)
- Introduce image-based target concepts of GTV, CTV and PTV in gynaecological radiation oncology including EBRT and brachytherapy

These pages offer the guarantee of secured online payments. The system will seamlessly redirect you to the secured website of OGONE (see www.ogone.be for more details) to settle your registration fee.

If online registration is not possible please contact us:
ESTRO OFFICE
Rue Martin V, 40 • B-1200 Brussels
Tel.: +32 2 775 93 39 • Fax: +32 2 779 54 94
E-mail: education@estro.org

REGISTRATION FEES
Please check the early deadline date on our website

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*Radiation Therapist (RTT) members are eligible for the in-training fee

The fee includes the course material, coffees, lunches, and the social event.

Reduced fees are available for ESTRO members working in economically less competitive countries. Check the eligible countries and the selection criteria on the website of the ESTRO School.

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**DIRECT PAYMENT**

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**ON-SITE REGISTRATION**

On-site registration will not be available. Since the number of participants is limited, late registrants are advised to contact the ESTRO office before payment, to inquire about availability of places. Access to homework and/or course material will become available upon receipt of full payment.

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**INSURANCE AND CANCELLATION**

The organiser does not accept liability for individual medical, travel or personal insurance. Participants are strongly advised to take out their own personal insurance policies.

In case an unforeseen event would force ESTRO to cancel the meeting, the Society will reimburse the full registration fees to the participants, ESTRO ESTRO will not be responsible for the refund of travel and accommodation costs.

In case of cancellation, full refund of the registration fee minus 15% for administrative costs may be obtained up to three months before the course and 50% of the fee up to one month before the course. No refund will be made if the cancellation request is postmarked less than one month before the start of the course.

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**TEACHING METHODS**

- Lectures: 14 hours
- Tutorials: 6 hours
- Practical workshops: 8 hours
- Case discussions: 2 hours
- Videos: 5 hours

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**METHODS OF ASSESSMENT**

- Contouring (FALCON tool) and dose planning exercises (pre- and post-course homework)

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**KEY WORDS**

- Evidence based multi-modality management guidelines
- Image Guided Adaptive Brachytherapy (IGABT) in gynaecological cancers
- Contouring guidelines for external beam and brachytherapy in gynaecological cancers
- IMRT and IGRT for gynaecological cancers

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