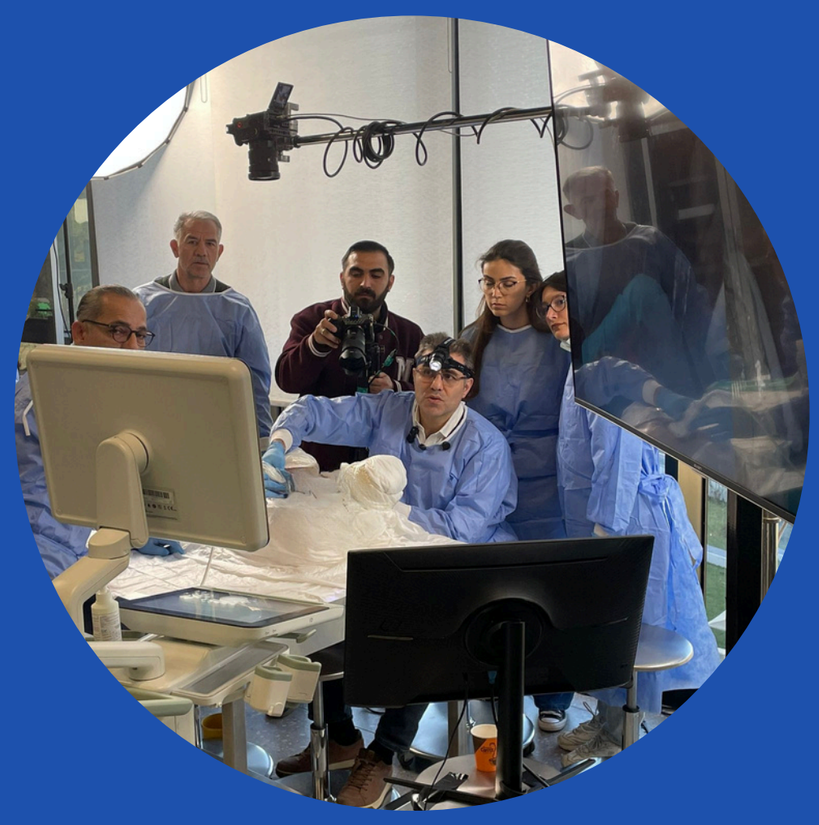
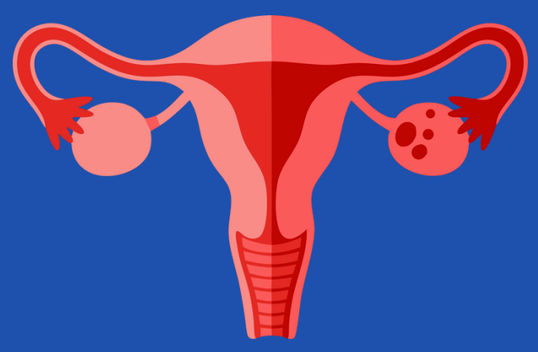
BRACHYTHERAPHY CADAVERIC SERIES
2ND EDITION
DAY 1 - 07 MARCH 2026: GYNECOLOGIC INTRACAVITARY & INTERSTITIAL BRACHYTHERAPHY TECHNIQUES

DATE: 07-08 MARCH 2026
FORMAT: HANDS-ON TRAINING ON FRESH FROZEN CADAVER
LANGUAGE: ENGLISH
VENUE: ISTINYE UNIVERSITY ANATOMY LABORATORY, MAIN CAMPUS, ISTANBUL - TURKEY





Prof Merdan Fayda, MD
Course Director

SKY MEDICAL ACADEMY
CHALLENGE YOUR SKILLS

Instructor: Prof. Merdan Fayda, MD
Medical Physics Lead: Dursun Eşitmez, Msc, PhD Candidate
Format: Hands-on Training with Fresh Frozen Cadavers
Venue: Istinye University Anatomy Laboratory, Main Campus, Istanbul-Turkey
Dates: 07.03.2026
Course Language: English
Course Capacity: 20 participants

Learning objectives:
Brachytherapy remains the gold standard for the effective treatment of gynecological cancers. However, correctly understanding and integrating brachytherapy applications into daily clinical practice often requires many years of experience. Furthermore, transferring this experience to new trainees is equally important, but challenging, as one person can usually treat a case. This course aims to demonstrate which applicators to choose on a case-by-case basis, including the addition of interstitial methods to intracavitary applications, first on phantoms and then on fresh-frozen cadavers. Trainees will have the opportunity to experience and discuss the entire procedure on cadavers.

Target Audience:
Radiation oncology senior residents and radiation oncologists. Medical physicists can participate on their own or with their doctors.

Learning tools:
- **Fresh Frozen Human Cadaver – Pelvis**
- **Gynecological training phantom**
- **Geneva®, Venezia®, Vaginal Multichannel® applicators and sharp needles manufactured and provided by Elekta will be used.**
- **Transabdominal USG probes also will be available for applicator insertion.**

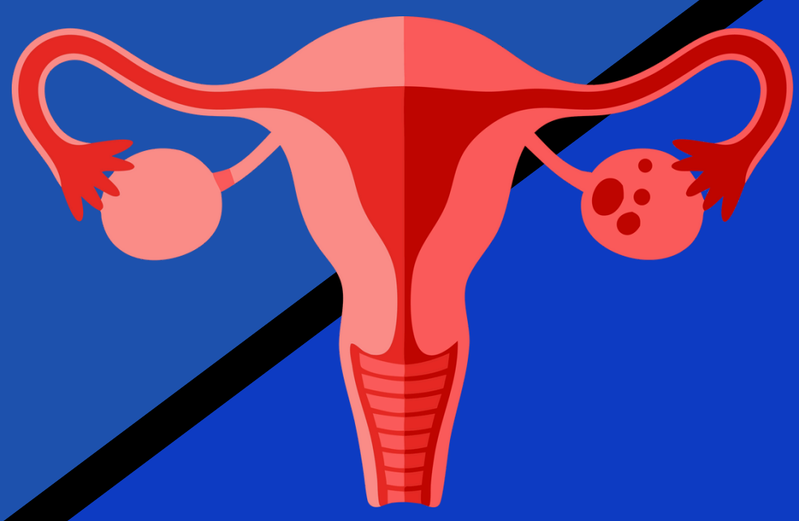
This course targets especially radiation oncology senior residents who have completed brachytherapy training at their own institutions but want to improve themselves in both applicator selection and hybrid applications, as well as radiation oncology specialists who want to establish a brachytherapy service or take their standard practices to the next level. Medical physicists can participate on their own or with their doctors without touching the cadaver but more detailed exercises on treatment planning.

BrachyAcademy
Supported by Elekta

Fayda Bilim Vakfı

SPIN THE EVENT COMPANY

SKY MEDICAL ACADEMY
CHALLENGE YOUR SKILLS



DAY 1 - 07 March 2026

09:00 – 09:30 Choosing the Applicator for Gynecologic Brachytherapy.
Prof. Merdan Fayda, MD

09:30 – 10:00 Hybrid Applicators (Intracavitary + Interstitial).
Prof. Merdan Fayda, MD

10:00 – 10:30 Interstitial Applications. Prof. Merdan Fayda, MD

10:30 – 11:00 Dosimetric Criteria and Treatment Planning Essentials.
Dursun Eşitmez, Msc, PhD Candidate

11:00 – 11:15 Coffee Break

11:15 – 12:00 Phantom Study and Simulation Exercises. Prof. Merdan Fayda, MD

12:00 – 12:45 Lunch Break

12:45 – 15:45 Hands-on Fresh Frozen Cadaver Workshop - Facilitated by
Prof. Merdan Fayda, MD and Faculty

*Hands-on treatment planning study for the medical physicists. Facilitated by
Dursun Eşitmez, Msc, PhD Candidate

15:45 – 16:00 Coffee Break

16:40 – 19:45 Hands-on Fresh Frozen Cadaver Workshop

- Insertion of Intracavitary Applicator
- Interstitial Needle Placement with Hybrid Applicators
- Interstitial Perineal Needle Insertion Techniques

*Hands-on treatment planning study for the medical physicists. Facilitated by
Dursun Eşitmez, Msc, PhD Candidate

Endorsed By
BrachyAcademy
Supported by Elekta

Fayda Bilim Vakfı

SPIN THE EVENT COMPANY

SKY MEDICAL ACADEMY
CHALLENGE YOUR SKILLS

Contact
For registration, additional information and travel support

Mobile: +90 5011053628
Email: icolakoglu@skymedacademy.com

BRACHYTHERAPHY CADAVERIC SERIES
2ND EDITION

DAY 2 - 08 MARCH 2026: HEAD & NECK BRACHYTHERAPY AND REGENERATIVE MEDICINE CADAVERIC COURSE

SKIN, ORAL CAVITY & FACIAL APPLICATIONS ON FRESH-FROZEN CADAVERS

FACULTY

Prof Ismet Aslan, MD
Otolaryngology, Cancer surgery

Course Director

Prof Merdan Fayda, MD
Radiation oncologist

Assoc. Prof Aslı Datlı, MD
Plastic, Reconstructive and Aesthetic Surgeon

Dursun Eşitmez, PhD Candidate
Medical Physicist

Prof Erdal Karaöz, MD
Regenerative Medicine

Prof Seden Küçücük, MD
Radiation oncologist

SKY MEDICAL ACADEMY
CHALLENGE YOUR SKILLS

Endorsed By
BrachyAcademy
Supported by Elekta

Learning Objectives

Skin and Oral cavity (buccal mucosa, lip, tongue, columella) superficial and interstitial brachytherapy & Regenerative medicine applications (exosomes and stem cell) on face fresh frozen cadaver: Brachytherapy for skin and oral cavity tumors is being used curatively or postoperatively. Operation and brachytherapy are still the 2 major options. We conducted a course on skin cancer brachytherapy for either

Brachytherapy holds a special place in the curative and postoperative treatment of facial skin cancers. While superficial irradiation methods (applicators like Leipzig or mold-based methods) are generally used for skin cancers, interstitial applications are usually considered for oral cavity tumors. Collaboration between head and neck surgeons and radiation oncologists is particularly important for interstitial applications. In this course, oral cavity interstitial brachytherapy will be performed by a radiation oncologist and a head and neck surgeon. Trainees will be able to experience inserting needles into tissue.

Regenerative medicine applications in the facial area have been increasing recently. Exosome and stem cell applications are gaining popularity in the facial area to address wound healing problems that may occur after treatments. The preparation of these cells and examples of clinical applications will be shared, along with the methods of application by plastic surgeons in the facial area, with our trainees.

Who could attend:
Radiation oncology senior residents and radiation oncologists, head and neck surgeons, plastic surgeons.

Our course is open especially to radiation oncology senior residents who have completed brachytherapy training at their own institutions but want to improve themselves in both applicator selection and hybrid applications, as well as radiation oncology specialists who want to establish a brachytherapy service or take their standard practices to the next level.

DAY 2- 08 March 2026

Skin and Oral cavity (buccal mucosa, lip, tongue, columella) superficial and interstitial brachytherapy & Regenerative medicine applications (exosomes and stem cell) on face

09:00-9:30 Skin cancer superficial brachytherapy methods (mold and Leipzig). Prof Merdan Fayda, MD

09:30-10:00 Head and neck anatomy (lips, tongue, cheek) during minimal invasive brachytherapy procedures. - Prof Ismet Aslan, MD

10:00-10:45 Interstitial brachytherapy in the curative and adjuvant oral cavity tumors (lip, buccal mucosa, tongue, columella). - Prof Seden Küçücük, MD

10:45-11:00 Coffee break

11:00-11:20 Brachytherapy planning for head and neck tumors and skin cancer. Dursun Eşitmez, PHD candidate

11:20-12:05 Regenerative medicine application on skin and face (exosomes & stem cell). Prof Erdal Karaöz, MD

12:05-13:00 Lunch break

13:00-15:30 Hands on sessions

- Hands on 1. Group1 Face exosome and stem cell application on fresh frozen cadaver. Assoc Prof Aslı Datlı, MD
- Hands on 1. Group 1. Local anesthesia for head and neck brachytherapy on fresh frozen cadaver. Assoc Prof Aslı Datlı, MD
- Hands on 1. Group 1. Superficial brachytherapy applications on fresh frozen cadaver. Prof Merdan Fayda, MD

13:00-15:30

- Hands on 2. Group 2 Interstitial brachytherapy applications tongue, buccal mucosa, lip and columella on fresh frozen cadaver. Prof Seden Küçücük, MD, Prof Ismet Aslan, MD

15:30-15:45 Coffee break

15:45-18:00 Hands on sessions

- Hands on 1 Group 2. Face exosome and stem cell application on fresh frozen cadaver. - Assoc Prof Aslı Datlı, MD
- Hands on 1. Group 2. Local anesthesia for head and neck brachytherapy on fresh frozen cadaver. - Assoc Prof Aslı Datlı, MD
- Hands on 1. Group 2. Superficial brachytherapy applications on fresh frozen cadaver. - Prof Merdan Fayda, MD

15:45-18:00

- Hands on 2. Group 1 Interstitial brachytherapy applications tongue, buccal mucosa, lip and columella on fresh frozen cadaver. - Prof Seden Küçücük, MD, - Prof Ismet Aslan, MD

15:45-18:00

- Hands-on treatment planning study for the medical physicists Facilitated by Dursun Eşitmez, Msc, PhD Candidate

Email
icolakoglu@skymedacademy.com

Phone
+90-501-105-3628