

Real-time Image Guided HDR Brachytherapy for Prostate Cancer

Workshop
3–4 November 2025
Gilbert-AZ, United States

Monday November 3

At Banner MD Anderson Cancer Center – Gateway Campus

(2946 E Banner Gateway Dr. Gilbert, AZ 85234 – Room Location: CT South SIM 1st floor in clinic)

| Time | Title | Speaker |
|---------------|--|--|
| 08:30-09:00 | Welcome and Introduction Continental Breakfast | Dr. Yerko Borghero/ Dr. Amir Sadeghi |
| 09:00-09:30 | Participants' Experience with Prostate Radiotherapy and Brachytherapy | All participants |
| 09:30-10:00 | Overview of HDR prostate Brachytherapy at BMDACC: <ul style="list-style-type: none"> • Implementation, logistics • Cooperation between anesthesiologists, nurses, and RO • Brachy facilities/OR and logistics | Dr. Yerko Borghero |
| 10:00-10:30 | Clinical Aspects: <ul style="list-style-type: none"> • Ultrasound Based Prostate HDR: Rationale, Techniques, Results | Dr. Yerko Borghero |
| 10:30-11:15 | <ul style="list-style-type: none"> • Transition from CT Ultrasound based HDR. • Transition From LDR to HDR. | Dr. Mark Dziemianowicz Dr. Jordan Hill |
| 11:15-11:45 | Physics Aspects of Prostate HDR Brachytherapy | Dr. Amir Sadeghi |
| 11:45-12:00 | Question and Answer | All participants |
| 12:00-13:00 | Hot Lunch of the day | |
| 13:00-13:45 | Controversial topics: To be Chosen by Audience. Complications From HDR Brachytherapy | Dr. Yerko Borghero |
| 13:45-14:30 | Introduction to the Oncentra Prostate Planning System | Thaddeus Sokolowski |
| 14:30-15:00 | Brachytherapy Equipment and Patient Positioning | Morgan Fineman |
| 14:30 – 15:00 | Complex Implant Case: SV involvement Brachytherapy Research by Physics Residents | Dr. Yerko Borghero & Jared Taylor, David Hellmann |
| 15:00-15:15 | Short Break | |
| 15:15-16:00 | Hands-On Experience with Oncentra Prostate Planning System | Thaddeus Sokolowski All Participants |
| 19:00-21:00 | Team dinner at (Location TBD) | All Participants |

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Tuesday November 4

**At Banner MD Anderson Cancer Center – Gateway Campus
(2946 E Banner Gateway Dr., Vault 5) Breakfast & Lunch CT South Sim**

| Time | Title | Speaker |
|-------------|--|---|
| 07:00-08:00 | Continental breakfast | |
| 08:00-11:00 | <p>Group 1: Observation Case #1</p> <p>Group 2: Hands-on practice with Oncentra Prostate planning system</p> <p>Discussion of Case #1 (Case description, Treatment strategy)</p> | <p>Dr. Yerko Borghero</p> <p>Dr. Amir Sadeghi</p> |
| 11:00-13:00 | <p>Boxed Lunch</p> <p>Discussion on the experience of the 2 days and Evaluation</p> | |