

27–28 November 2023
Vienna, Austria

Advanced Image-guided adaptive brachy for gynecology

Monday, November 27

| | | Presenter / Moderator | Location |
|---------------|--------------|-----------------------|----------|
| 08:30 – 09:00 | Registration | | |

OPENING

| | | | |
|----------------------|--|---|-----------------|
| 09:00 – 09:15 | Welcome | Faculty | Conference Room |
| 09:15 – 10:00 | <ul style="list-style-type: none"> Program overview and objectives GYN Brachytherapy at MUW/AKH Wien | Christian Kirisits | Conference Room |
| 10:00 – 10:50 | Participant Presentations; current situation versus the required situation <ul style="list-style-type: none"> Organization and staff Protocol and techniques Infrastructure and tooling Workshop personal objectives | Participants Alina Sturdza Christian Kirisits | Conference Room |
| 10:50 – 11:00 | Coffee break | | |

IMAGING AND CONTOURING

| | | | |
|----------------------|---|-------------------|-----------------|
| 11:00 – 11:30 | Overview of GYN ICRU/GEC-ESTRO target concept | Richard Pötter | Conference Room |
| 11:30 – 12:15 | Imaging | Maximilian Schmid | Conference Room |
| 12:15 – 13:30 | Lunch at Restaurant Stiegl-Ambulanz | | |

IMAGING AND APPLICATOR RECONSTRUCTION

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|----------------------|--|-------------------------|-----------------|
| 13:30 – 14:00 | Rationale for interstitial techniques | Primož Petrič + faculty | Conference Room |
| 14:00 – 14:30 | Applicator reconstruction | Nicole Eder-Nesvacil | Conference Room |
| 14:30 – 15:00 | Setup registration, image fusion and uncertainties | Nicole Eder-Nesvacil | Conference Room |
| 15:00 – 15:30 | Coffee Break | | |

TREATMENT SCHEDULE AND CONTOURING hands-on

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|----------------------|--|----------------|----------------------|
| 15:30-16:00 | Treatment schedule and planning aims @ MUV Supportive care | Alina Sturdza | Conference Room |
| 16:00 – 17:45 | Clinical examples and hands-on contouring exercise | Johannes Knoth | Conference Room |
| 19:30 – 22:30 | Dinner with participants and faculty | | Fromme Helene |

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Tuesday, November 28

| | | Presenter/ Moderator | Location |
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| IMPLANTATION | | | |
| 08:30 – 09:00 | Application techniques | Maximilian Schmid | Conference Room |
| 09:00 – 09:30 | Logistics | Johannes Knoth | |
| 09:30 – 09:45 | Coffee Break | | |

| BREAK-OUT SESSION | | | | | |
|--------------------------|--|----------------------------------|--|---|--------------------------------------|
| | PHYSICIANS | | PHYSICISTS | | |
| 09:45 – | Live case in operating theatre | Alina Sturdza | Applicator reconstruction Treatment planning QA Video Case | Christian Kirisits, Nicole Eder-Nesvacil, Aleksandra Winkler and Hannes Sperrer | Operating Theatre Conference Room |
| – 12:30 | Application hands-on with applicators and phantom / Examples of different applicator types | Maximilian Schmid, Primož Petrič | | | Brachytherapy meeting room |
| 12:30 – 13:30 | Lunch | | | | |

| TREATMENT PLANNING | | | |
|---------------------------|--|--|-----------------|
| 13:30 – 14:00 | Recap discussion – applicators, techniques and pre-planning | Primož Petrič, Maximilian Schmid, Christian Kirisits | Conference Room |
| 14:00 – 14:15 | Treatment planning - basics | Christian Kirisits | Conference Room |
| 14:15 – 14:45 | Discussion: What are your dose constraints for target and OARs? | Primož Petrič, Christian Kirisits | Conference Room |
| 14:45 – 16:30 | Solutions and Demonstrations Hands-on treatment planning including contouring of live case including EQD2 sheet, imaging and clinical exam information (detailed schedule depending on live case) | Entire faculty | Conference Room |
| 16:30 – 17:00 | Coffee Break | | |
| 17:00 – 17:30 | Clinical outcome and morbidity | Alina Sturdza | Conference Room |

| CONCLUSIONS | | | |
|--------------------|----------------------------|----------------------------------|-----------------|
| 17:30 – 17:45 | Evaluation form completion | All | Conference Room |
| 17.45 – 18.00 | Conclusion | Alina Sturdza Elena Dizendorf | Conference Room |

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