

B & B BRAIN AND BODY RADIOSURGERY 2018-2019
“International Stereotactic Radiosurgery Society (ISRS) integrated course”
I° Meeting
BASIC BRAIN RADIOSURGERY

February 08th, 2018

9am – 11am: **Plenary session – General overview** (chairpersons: L. Fariselli – E. De Martin – S. Magrini)
Biblioteca Scientifica

- ✓ History of Radiosurgery (D. Leksell)
- ✓ Radiosurgery principles: Prescription models, target volumes and treatment analysis issue (C. Cavedon)
- ✓ Radiobiological basis (D. Bettega)

11am – 1pm: **Parallel sessions**

I Session – Radiosurgical treatment of brain malignancies (chairpersons: F. DiMeco – N. Di Muzio)
Biblioteca Scientifica

- ✓ Multiple metastases (G. Piperno)
- ✓ Immunotherapy and SRS in brain metastasis (F. Derhmain)
- ✓ SRS on surgical cavity (S. Scoccianti)
- ✓ Radio-resistant metastases (P. Navarra)
- ✓ SRS in Gliomas (I. Germano)

II Session – Technology evolution in radiosurgery (chairpersons: A. Del Vecchio – C. Cavedon)
Aula Pluribus

- ✓ Technical overview of the treatment systems: where do we stand? (Overview of the various treatment systems with emphasis on method tracking) (D. Cusumano)
- ✓ Treatment planning algorithms through a magnifying glass (G. Reggiori, A. Stravato)
- ✓ The dosimetric challenge: small field dosimetry and new detectors (M. Petasecca)
- ✓ The dosimetric challenge: patient QA in radiosurgery (E. Rondi – S. Vigorito)

Lunch Break

2.15pm – 3.15pm: **Parallel sessions**

I Session – Benign meningiomas (chairpersons: D. Locatelli – G. Minniti)
Biblioteca Scientifica

- ✓ Bio-molecular features in meningiomas (P. L. Poliani)
- ✓ Neuroradiology for SRS (C. Maccagnano)
- ✓ SRS in meningiomas (V. Pinzi)

II Session – Practical skill for physicists (chairpersons: F. Ghielmetti – M.L. Fumagalli – E. De Martin)
Aula Pluribus

Hands-on session

3.15pm – 6.30pm: **Parallel sections on gliomas, metastases and meningiomas**

Session A – Hands-on (V. Pinzi – M. Marchetti)

Session B – Clinical cases (G. Grimod – N. D’Abbiero)

February 09th, 2018

Biblioteca Scientifica

9am – 11am: **radiosurgery in functional disorders** (chairpersons: P. Picozzi – TBD)

Trigeminal neuralgia (A. Franzin)

Movement disorders (M. Marchetti)

HFU Device: From the principles to the practice (A. Franzini)

Discussion

11am – 12.30am: Hands-on and clinical cases (A. Franzini – M. Marchetti – A. Franzin – M. Longhi)

Lunch Break

1.30pm – 2.30pm: **Sporadic small vestibular schwannoma** (chairpersons: L. Fariselli – P. Mortini)

Wait and see or early SRS? (M. Levivier)

SRS Technique and imaging (U. Fornezza)

Discussion

Hands-on (M. Marchetti – U. Fornezza)

Clinical cases (M. Longhi – L. Fariselli)

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