



FIRST NATIONAL RADIOSURGERY UPDATE

**Pre-Conference Workshop on
Gamma Knife and X-Knife**

On 6th April, 2007

Venue: Gamma Knife Centre, AIIMS 2-5 PM

Featuring Live Treatment of a Case

Interactive Review of treated Cases

April 7-8, 2007

Silver Oak, India Habitat Centre, New Delhi



Organized by Departments of Neurosurgery & Gamma Knife and Radiation Oncology, All India Institute of Medical Sciences, New Delhi

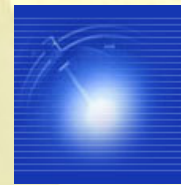
An Educational activity recognized by the Indian Society for Stereotactic and Functional Neurosurgery



FIRST NATIONAL RADIOSURGERY UPDATE

April 7-8, 2007

Silver Oak, India Habitat Centre, New Delhi



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SCIENTIFIC PROGRAM

7TH April, 2007

| Time | Session / Speaker | Topic | Chair |
|-------------|---|--|---------------------------|
| 8.00 AM | Registration | | |
| 8.45 AM | Inauguration | | |
| 9.30 AM | Inaugural Session | | BS Sharma, P Blackburn |
| | D Prasad | Radiobiology of Radiosurgery | 20 |
| | A De Salles | Shaped Beam Radiosurgery | 20 |
| 10.15 AM | Coffee Break | | |
| 10.30 AM | Review Session | | AK Mahapatra, K Ganapathy |
| | K Ganapathy | History of Radiosurgery | 20 |
| | M Gaur | Radiosurgery Techniques | 20 |
| 11.10 AM | Radiosurgery Basics | | VP Singh, V Rajshekhar |
| | VP Singh | <i>Planning Considerations</i> | 15 |
| | SS Kale | <i>Acoustic Tumors</i> | 12 |
| | S Vaishya | <i>AVMs</i> | 12 |
| | A Gupta | <i>Pituitary Adenomas</i> | 12 |
| | J Mishra | <i>Meningiomas</i> | 12 |
| | M Hodaie | <i>Metastases</i> | 12 |
| | V Rajshekhar | <i>LINAC Planning</i> | 12 |
| 12.40 PM | Keynote Session | | GK Rath, SS Kale |
| | D Martin | Robotic radiosurgery | 20 |
| 1.00 PM | Lunch | | |
| 2.00 PM | AVMs & Tumors | | D Pan, A Gupta |
| | P Blackburn | <i>An Evaluation of Radiosurgery for AVMs</i> | 20 |
| | V Rajshekhar | <i>Radiosurgery for Complex AVMs</i> | 20 |
| | MS Sharma | <i>Gamma Knife Therapy for Glomus Tumors</i> | 15 |
| | Sampath | <i>NIMHANS Initial Experience</i> | 15 |
| | B Reddy | <i>Gamma Knife Therapy for AVMs: A Review</i> | 15 |
| 3.25 PM | Free Papers | | M Hayashi, P Singh |
| | A Garg | <i>Gamma Knife for Intracranial Metastases</i> | 12 |
| | K Singh | <i>Gamma Knife Therapy for Central AVMs</i> | 12 |
| 3.50 PM | Coffee | | |
| 4.00 PM | Debate 1: Surgery Vs Radiosurgery | | VK Jain, SC Sharma |
| | BK Misra | <i>Surgery for Acoustic Tumors</i> | 15 |
| | S Nair | <i>Surgery for Skull Base Tumors</i> | 15 |
| | D Prasad | <i>Radiosurgery for Acoustic & Skull Base Tumors</i> | 15 |
| | <i>Discussion</i> | | 10 |
| 4.55 PM | Special Session on Focussed Stereotactic Radiation | | D Martin, T Kataria |
| | GK Rath | <i>Stereotactic Extracranial Irradiation</i> | 20 |
| | RK Grover | <i>Image-guided Frameless Stereotactic Irradiation</i> | 20 |
| 5.40 PM | Sessions Close | | |
| 8.00 PM | DINNER AT Silver Oak, India Habitat Centre | | |



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SCIENTIFIC PROGRAM

8TH April, 2007

| Time | Session / Speaker | Topic | Chair |
|-------------|--|--|--------------------------|
| 8.30 AM | Physics Free Papers | | T Ganesh, RK Grover |
| | V Subramani | <i>Intensity Modulated Radiotherapy</i> | 10 |
| | R Prabhakar | <i>Cone-base and MLC-based SRT</i> | 10 |
| | N Gopishankar | <i>GK Planning Verification using GC Film</i> | 10 |
| | EB Rajmohan | <i>QA in Gamma Knife Radiosurgery</i> | 10 |
| 9.10 AM | Invited Talks: Physics | | D Prasad, S John |
| | P Ravindran | <i>Dosimetry of Stereotactic Radiation with Gel</i> | 15 |
| | T Ganesh | <i>Plan Evaluation Indices</i> | 15 |
| | KJ Mariadas | <i>Interactive 3D Tumor Volume Delineation for RT</i> | 15 |
| 9.55 AM | Keynote Session | | AN Jha, S Hukku |
| | A De Salles | Conformal Radiosurgery with Novalis | 20 |
| | D Prasad | Long Term Complications of Radiosurgery: Future Implications | 20 |
| 10.35 AM | Coffee Break | | |
| 10.50 AM | Invited Lectures | | NR Jagannathan, M Hodaie |
| | D Pan | <i>13-year Experience of Radiosurgery in Taiwan</i> | 20 |
| | C Sarkar | <i>Histopathological Changes after Radiosurgery</i> | 15 |
| | Anandh B | <i>Imaging and Accuracy Considerations</i> | 15 |
| 11.40 AM | Functional Disorders 1 | | HH Dash, A De Salles |
| | HH Dash | <i>Trigeminal Neuralgia: Overview</i> | 15 |
| | M Hayashi | <i>Gamma Knife Therapy for Trigeminal Neuralgia</i> | 15 |
| 12.10 PM | Functional Disorders 2 | | M Behari, MV Padma |
| | M Hodaie | <i>Gamma Knife Therapy for Movement Disorders</i> | 20 |
| | M Hayashi | <i>Gamma Knife Therapy for Intractable Epilepsy</i> | 15 |
| 12.45 PM | Lunch | | |
| 1.45 PM | Panel Discussion | | Moderator: D Prasad |
| | Role of Neurosurgeon in Radiosurgery | | D Martin, V Rajshekhar |
| | Role of Radiation Oncologist in CNS Radiosurgery | | GK Rath, S Hukku |
| 2.15 PM | Debate 2: Endovascular Vs Radiosurgery | | NK Misra, K Ganapathy |
| | U Limaye | <i>Endovascular Therapy for Large/Complex AVMs</i> | 15 |
| | K Ganapathy | <i>Radiosurgery for AVMs</i> | 15 |
| | VP Singh | <i>Primary Gamma Knife Therapy for AVMs</i> | 15 |
| | Discussion | | 10 |
| 3.10 PM | Special Session on Evolving Indications | | VP Singh, D Panikar |
| | S Hukku | <i>Role of Stereotactic Radiotherapy in Gliomas</i> | 20 |
| | M Sankhe | <i>Role of Gamma Knife Therapy in Gliomas</i> | 15 |
| | D Aggarwal | <i>Ophthalmic Indications for Gamma Knife</i> | 15 |
| 4.00 PM | Valedictory | | |
| 4.15 PM | Meeting Closes / Coffee | | |