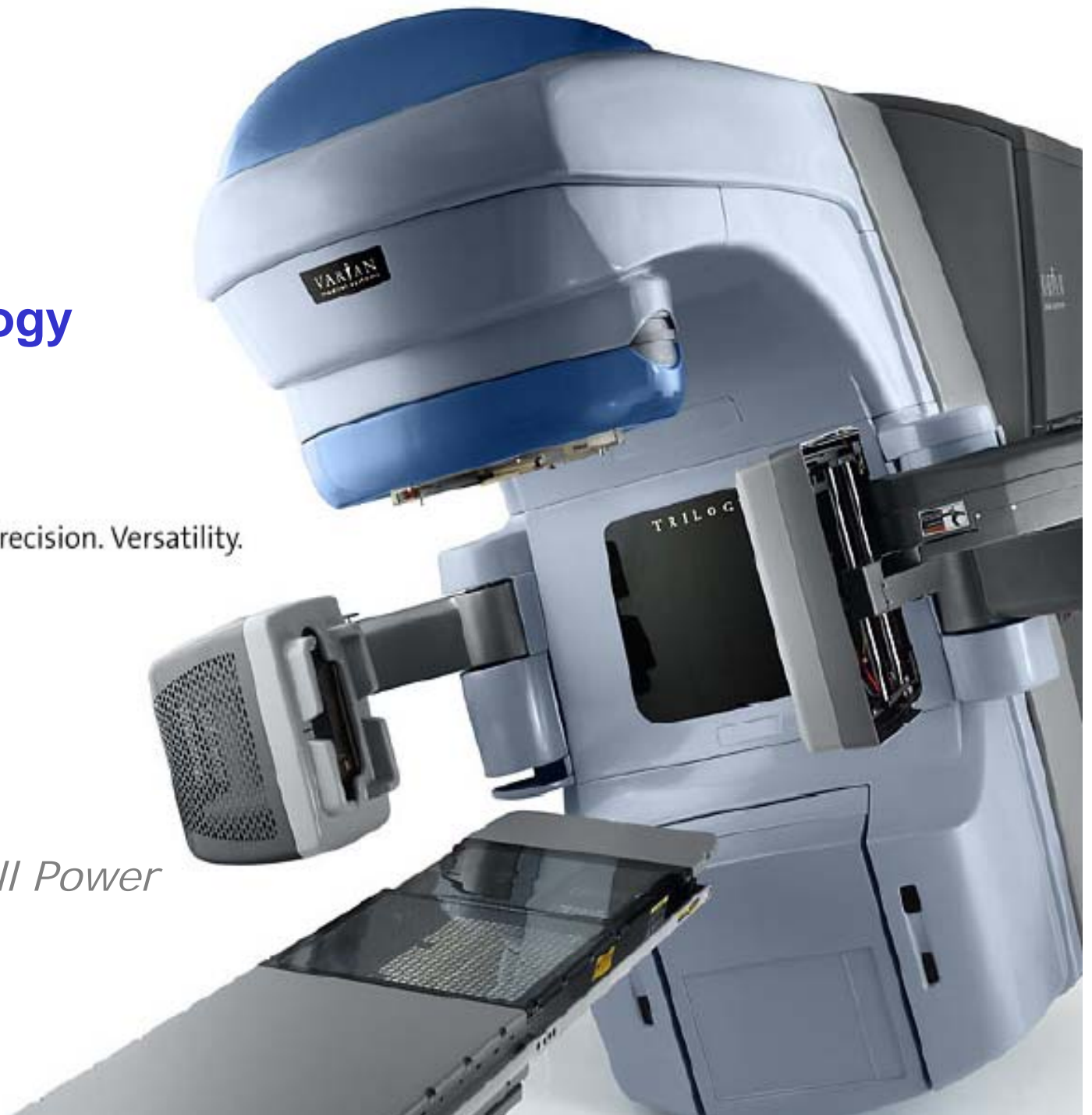


Varian Trilogy

 **TRILOGY** | Power. Precision. Versatility.

Full Control, Full Power

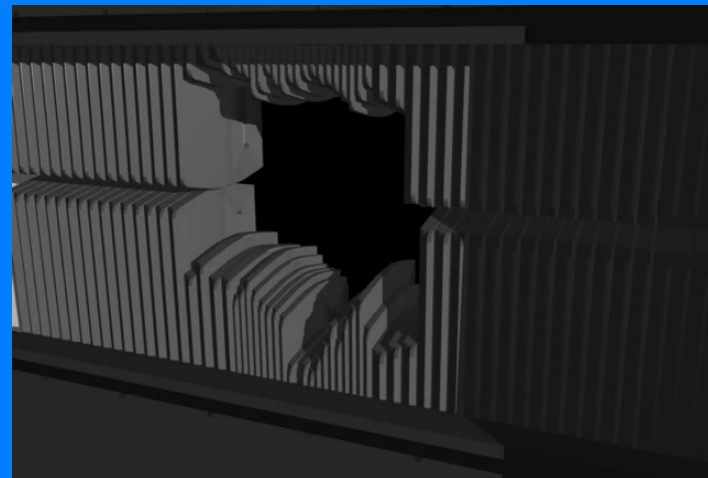


Clinical Capabilities – IGRT and SRS/SBRT

Stereotactic Radiosurgery – Techniques

- **Stereotactic Imaging:**
 - Frame based
 - Frameless
- **Treatment plan:**
 - Cones
 - MLC based treatment plan:
 - Conformal arcing
 - Multiple conformal beams
 - IMRS (Intensity Modulated RadioSurgery)
- **Patient localization:**
 - On-Board Imager for 2D/3D Image Based patient setup
- **Delivery:**
 - 1000MU/Min

Intracranial



Extracranial





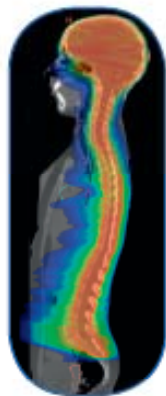
RapidArc™

One revolution is all it takes.

Arc IMRT Planning & Delivery

- Single/Multiple arc IMRT
- Co-Planar/Non Co-Planar
- IMRT quality
 - Uniform target coverage
 - Improved normal tissue sparing
- Treat in 2 minutes or less
 - Highly efficient
 - Low peripheral dose
- Simple planning and delivery
- Worldwide 525+ Orders, 300+ Installed sites



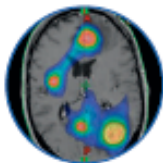


Medulloblastoma
2 arcs, 148 sec

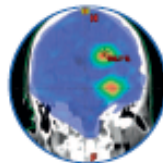


Data Courtesy:
 VU Medical Center, Amsterdam
 Istituto Oncologico della Svizzera Italiana, Bellinzona
 Rigshospitalet, Copenhagen
 CHU Vaikaranta, Tampere
 Humana Institute, Rozzano-Milano
 University Hospital, Zurich

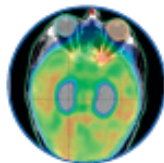
Legend:
 Number of arcs, beam-on time



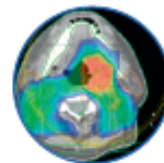
Brain SRS – Multiple Metastases
3 non-coplanar arcs, 330 sec



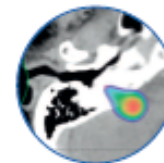
Brain SRT – Multiple Metastases and Whole Brain
2 arcs, 151 sec



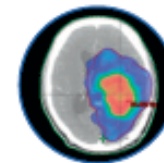
Prophylactic Cranial Irradiation with Hippocampus Sparing
2 arcs, 155 sec



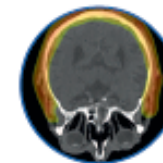
Head & Neck (Nasopharynx)
1 arc, 79 sec



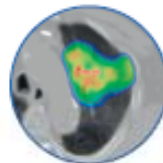
Vestibular Schwannoma
2 arcs, 140 sec



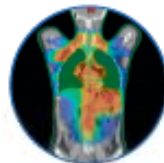
Glioblastoma
2 arcs, 150 sec



Skull Skin Irradiation
1 arc, 100 sec



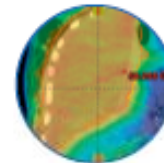
Non-Small Cell Lung Carcinoma SRT
2 arcs, 210 sec



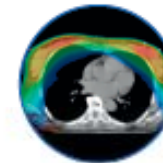
Pediatric Hodgkin's Lymphoma
2 arcs, 150 sec



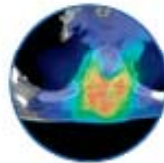
Hodgkin's Lymphoma
2 arcs, 148 sec



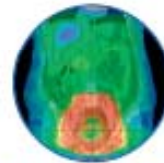
Mesothelioma
2 arcs, 150 sec



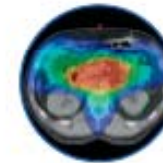
Bilateral Breast
2 arcs, 150 sec



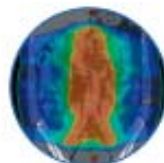
Paraspinal Lesion
1 arc, 215 sec



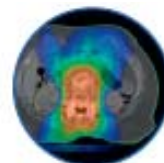
Whole Abdominal Irradiation
3 arcs, 225 sec



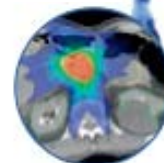
Pancreas
1 arc, 74 sec



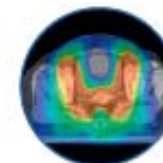
Seminoma
1 arc, 74 sec



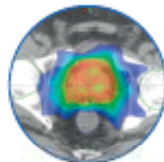
Chordoma
1 arc, 74 sec



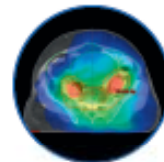
Abdominal Metastases
1 arc, 176 sec



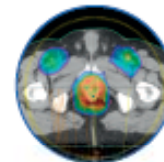
Cervix Uteri
1 arc, 74 sec



Prostate
1 arc, 75 sec



Multiple Pelvic Nodes
2 arcs, 150 sec



Anal Canal
2 arcs, 170 sec

