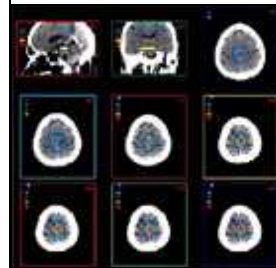
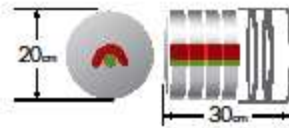




INTENSITY MODULATION AND OPTIMIZED BEAM PLACEMENT

nomosSTAT's dynamic arc delivery shapes and modulates the beam while the gantry is rotating, providing up to 40 individual intensitymodulated beams per every 5 degrees of rotation.

Arcs as long as 340 degrees can be delivered, each arc delivering a cylinder of radiation 20cm in diameter over a cumulative 30cm field length in 1cm, 2cm or 4mm slices, and delivering two slices at a time.



INTENSITY MODULATION

Each of the potential 2,560 pencil beams per arc can be modulated in 10% steps.

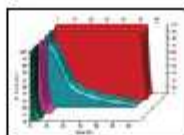


TANGENTIAL BEAM DELIVERY

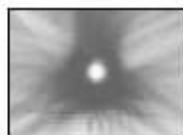
Intensity-modulated beams are delivered individually, not as overlapping field segments, allowing beams to be placed on the tangent of a target or sensitive structure, carving out steep dose gradients.



Metastatic T-spine with tumor wrapped around spinal cord



Tangential beam delivery carves out steep dose gradients



Dose is delivered to the tumor while avoiding the spinal cord

