

Radiosurgery Head Phantom



Model 605

For Evaluation of Treatment Accuracy

The CIRS Radiosurgery Head Phantom was designed to improve the accuracy of treatment plan verification in radiosurgery. It allows for 3D dose verification in a large cranial volume.

The Phantom contains average brain, bone, spinal cord, vertebral disks and soft tissues mimicked with 1% accuracy for both CT and Therapy energy ranges (50 keV - 25 MeV).

The 6.4 x 6.4 x 6.4 cm film cassette contains 13 levels of X-ray or GAFCHROMIC® film to evaluate accuracy of 3D dose distribution. It can be interchanged with an equivalent gel dosimetry cassette or TLD holder. Two brain-equivalent spacers allow the user to locate the cassette in one of four different positions.

