

AbstractID: 4397 Title: Extracranial Stereotactic RT

Stereotactic Body Radiotherapy (SBRT) - Clinical Experience from MSKCC SBRT has the potential to maximize the benefit of highly conformal dose delivery. New imaging capabilities and the improved precision of treatment machines is making possible the delivery of high doses to targets while minimizing dose to normal tissue and sparing nearby critical structures. As a result, new clinical techniques are being established to treat disease in soft tissue, such as metastatic disease in liver, lung, and lymph nodes and also to deliver very high doses to bony targets such as the spine. Both hypo-fractionated and single fraction strategies are used.

The clinical procedures used to treat these sites at Memorial Sloan-Kettering Cancer Center will be described, along with some preliminary outcomes.