

1: Technol Cancer Res Treat. 2003 Apr;2(2):79-86.

Gentlemen (and ladies), choose your weapons: Gamma knife vs. linear accelerator radiosurgery.

Stieber VW, Bourland JD, Tome WA, Mehta MP.

Department of Radiation Oncology, Wake Forest University School of Medicine, Medical Center Boulevard, Winston-Salem, NC 27157-1030, USA. vstieber@wfubmc.edu

This article compares and contrasts Gamma Knife radiosurgery with linear accelerator-based radiosurgery; where appropriate, Cyberknife technology is discussed. Topics covered are: positioning of the head (invasive versus non-invasive positioning systems); collimator construction; beam properties; beam arrangements; treatment planning; and issues regarding manpower (including a discussion of patient repositioning during treatment), machine availability, and financial considerations.

PMID: 12680787 [PubMed - indexed for MEDLINE]