Halcyon™ System Bibliography

CLINICAL SECTION

Brain


Spine


Head and Neck


Breast


**Pelvis**


**Prostate**


**GENERAL SECTION**

**Global Health and Economics**

TECHNICAL SECTION

Planning and Quality Assurance


Accuracy


Imaging


Netherton T, Li Y, Nitsch P, Shaitelman S, Balter P, Gao S, Klop A, Muruganandham M, Court L. Interplay effect on a 6-MV flattening-filter-free linear accelerator with high dose rate and fast multi-leaf collimator motion treating breast and lung phantoms. Med Phys. 2018 Jun;45(6):2369-2376 University of Texas Graduate School of Biomedical Sciences and The University of Texas MD Anderson Cancer Center, Houston, TX

Dosimetry & Characterization


Li Y, Netherton T, Nitsch PL, Balter PA, Gao S, Klopp AH, Court LE. Normal tissue doses from MV image-guided radiation therapy (IGRT) using orthogonal MV and MV-CBCT. J Appl Clin Med Phys. 2018 May;19(3):52-57. The University of Texas MD Anderson Cancer Center, Houston, TX

Commissioning


*This bibliography is a comprehensive selection of articles but is not necessarily an exhaustive list of literature pertaining to Halcyon™ radiotherapy.

Intended Use Summary

Varian Medical Systems’ linear accelerators are intended to provide stereotactic radiosurgery and precision radiotherapy for lesions, tumors, and conditions anywhere in the body where radiation treatment is indicated.

Safety Statement

Radiation treatments may cause side effects that can vary depending on the part of the body being treated. The most frequent ones are typically temporary and may include, but are not limited to, irritation to the respiratory, digestive, urinary or reproductive systems, fatigue, nausea, skin irritation, and hair loss. In some patients, they can be severe. Treatment sessions may vary in complexity and time. Radiation treatment is not appropriate for all cancers.