

HALCYON™

Maximizing Patient Comfort and User Experience

"There's no wait time for patients and the machine is very quiet."

Kathleen Luyten, Therapist, Universitaire Ziekenhuizen Leuven campus Gasthuisberg, Leuven, Belgium

The Halcyon system is designed to revolutionize radiotherapy through innovation in three crucial areas:

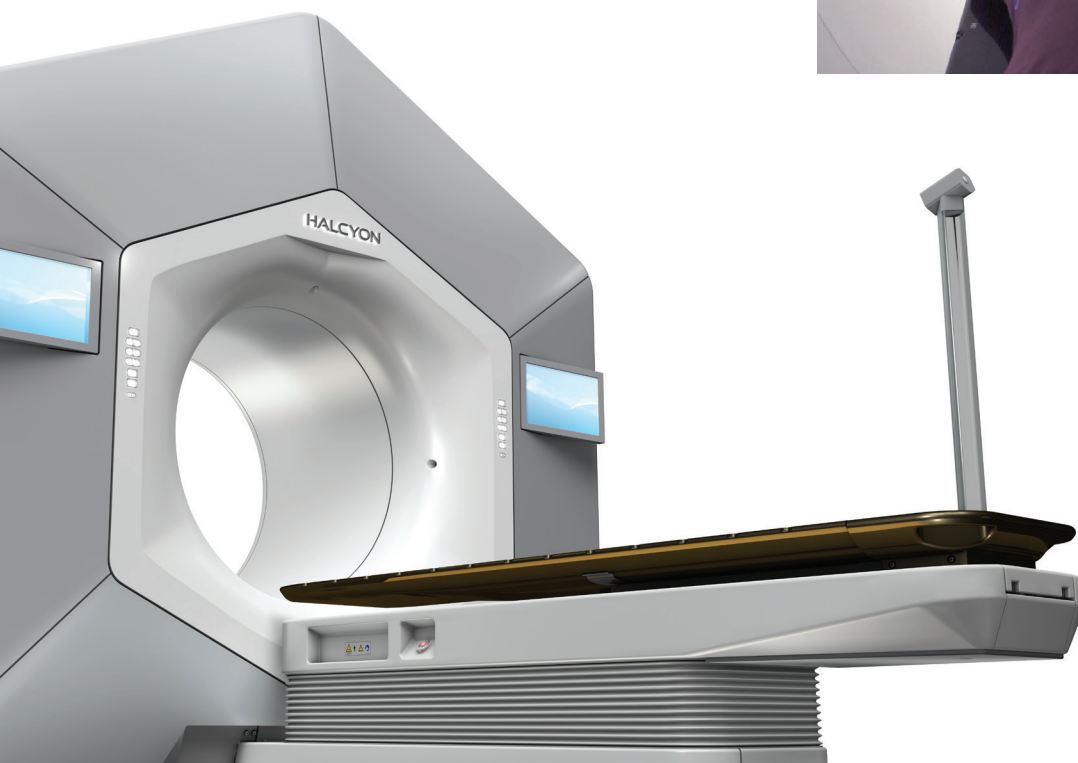
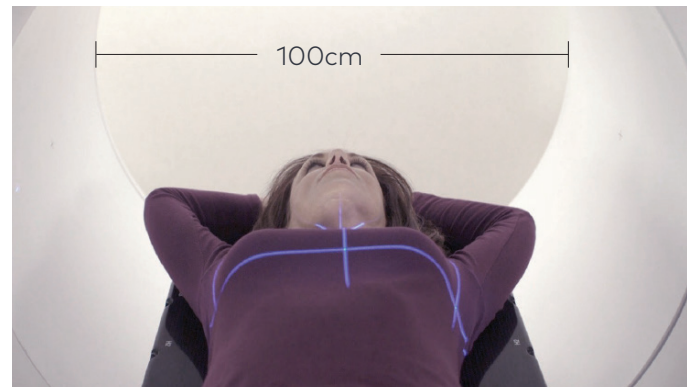
- High Quality of Care
- Operational Excellence
- Human Centered Design

The synergy of these values gives the system a unique ability to positively impact the professionals who use it and the patients being treated by it.

Patient Comfort

Provides positive patient experience:

- Fast positioning, imaging and treatment delivery minimize patient's time on the table
- Quiet, water-cooled system facilitates comfortable treatment room environment
- Smooth couch and gantry motions powered by linear brushless motors
- Spacious, 100 cm diameter bore with ambient lighting for patient comfort
- Low treatment couch position allows patients to get on and off more easily
- Approachable patient-friendly design





Patient Safety

Offers a six-point safety system:

- Enclosed gantry and imagers minimize likelihood of collision
- Couch-side touch screens allow interactive patient verification
- Collision detection technology pauses treatment or motion if patient bumps into bore
- Daily system test with Machine Performance Check in only five minutes
- 100% IGRT decreases possibility of positioning errors
- Integrated camera and intercom provide clear communication between patient and therapist

User Experience

Improves user workflow:

- Intuitive and engaging treatment delivery process with just nine steps
- Quiet and ergonomic system design enhances the user's work environment
- Consistent processes are quick to learn allowing therapist to focus on the patient
- Less QA requirements than traditional linear accelerators



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Inclusion of features depends on the purchased configuration. Please consult your Varian representative for more information. Not all products or features available for sale in all markets.

Intended Use Summary

Halcyon™ is intended to provide stereotactic radiosurgery and precision radiotherapy for lesions, tumors, and conditions anywhere in the body when radiation treatment is indicated.

Important Safety Information

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.

Medical Advice Disclaimer

Varian as a medical device manufacturer cannot and does not recommend specific treatment approaches. Individual treatment results may vary.

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USA, Corporate Headquarters and Manufacturer
 Varian Medical Systems
 Palo Alto, CA
 Tel: 650.424.5700
 800.544.4636
 Fax: 650.493.5637
 varian.com

Headquarters Europe, Eastern Europe, Africa, India, Middle & Near East
 Varian Medical Systems International AG Hinterbergstrasse
 Steinhausen, Switzerland
 Tel: 41.41.749.8844
 Fax: 41.41.740.3340
 email: info.europe@varian.com

Asia Pacific Headquarters
 Hong Kong
 Varian Medical Systems Pacific, Inc.
 Kowloon, Hong Kong
 Tel: 852.2724.2836