

PROBEAM COMPACT  
SINGLE ROOM PROTON  
THERAPY SOLUTION



# IMPT WITHOUT COMPROMISE





You can give cancer patients and  
medical teams what they value most:

NEW OPTIONS  
FOR TREATMENT

NEW SOURCES  
OF HOPE

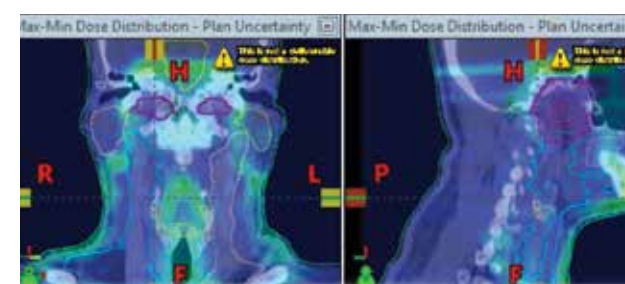
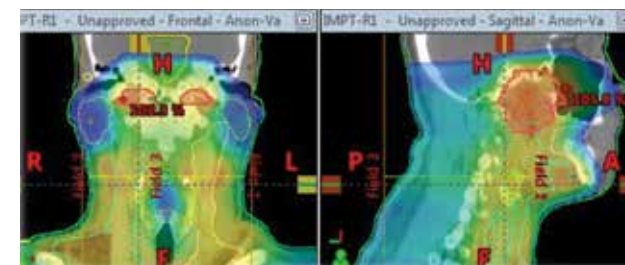


# IMPT WITHIN REACH

You're on the front lines in the fight against cancer. You want your medical teams and patients to have the most advanced treatment technologies the world has to offer. Your vision includes IMPT (intensity modulated proton therapy) so you can:

- Treat more types of cancer
- Care for more patients
- Improve the patient experience
- Attract top healthcare professionals
- Enhance your reputation as a premier cancer center

The Varian ProBeam® Compact Essentials proton therapy system provides a practical way to introduce IMPT into your practice. It offers you a true transformation in your ability to fight cancer and win.



# PROTON THERAPY: THE NEXT WAVE

“Your focus is treating the cancer. You don’t want to leave your patient with a problem that significantly affects their quality of life and protons are a very good way to do that.”

— Dr. Carl Rossi, Medical Director,  
Scripps Proton Therapy Center

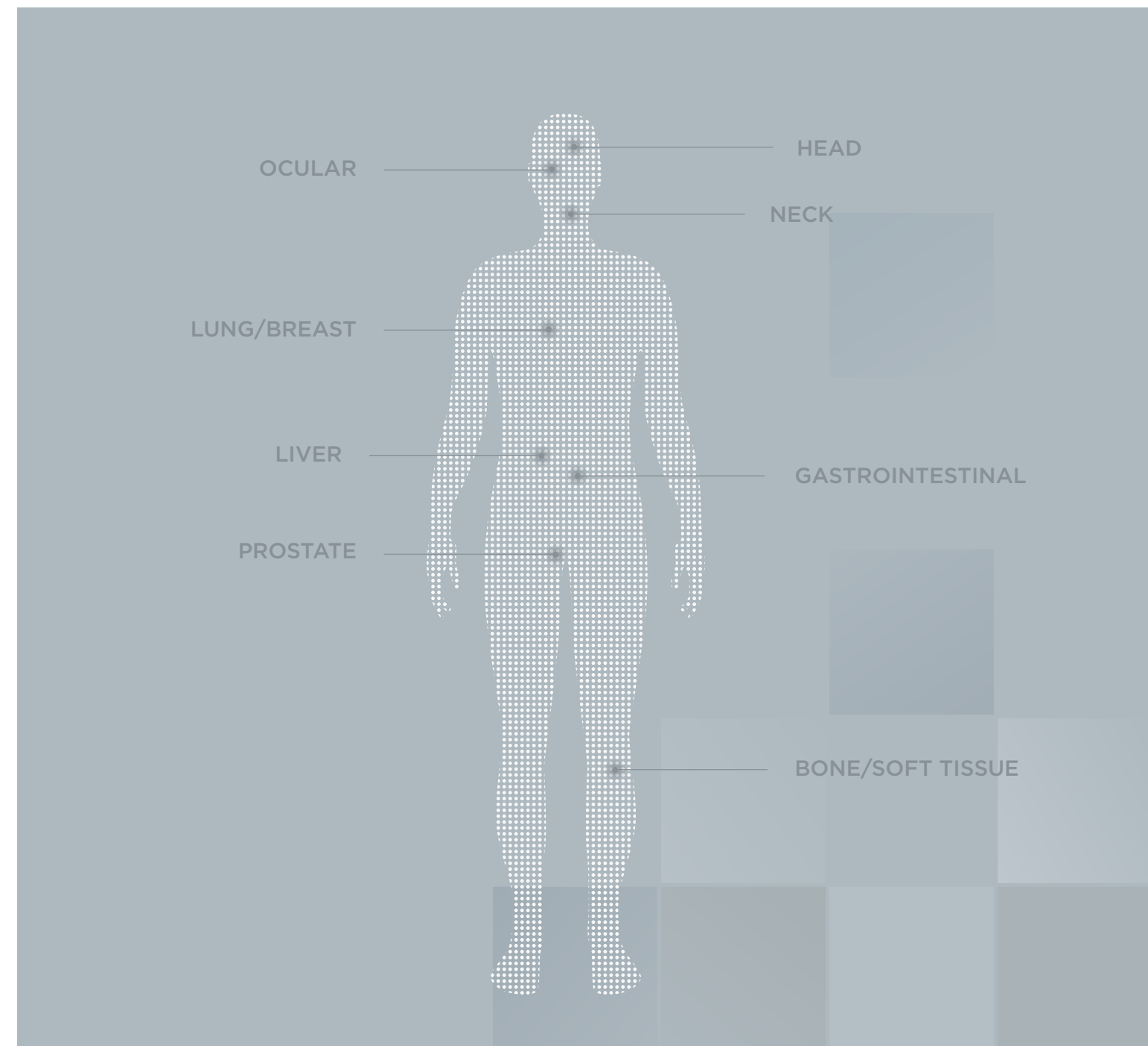
After decades of development, proton therapy is effective in the treatment of cancer. And IMPT is the next frontier in proton therapy.

ProBeam Compact gives you access to IMPT, drawing on the leadership of Varian Medical Systems.

- We’ve pioneered the development of pencil beam scanning (PBS), a foundational technology for IMPT.
- Thousands of patients have been treated with Varian’s PBS technology since 2007.
- We continue to advance IMPT technology today through ongoing investment and research.

The result for you is new options without trade-offs.

- With ProBeam Compact clinicians can optimize precision and minimize side effects.
- The streamlined workflow improves the experience for both patient and therapist.
- Starting with ProBeam Compact enables you to attain IMPT capabilities in a smaller footprint.

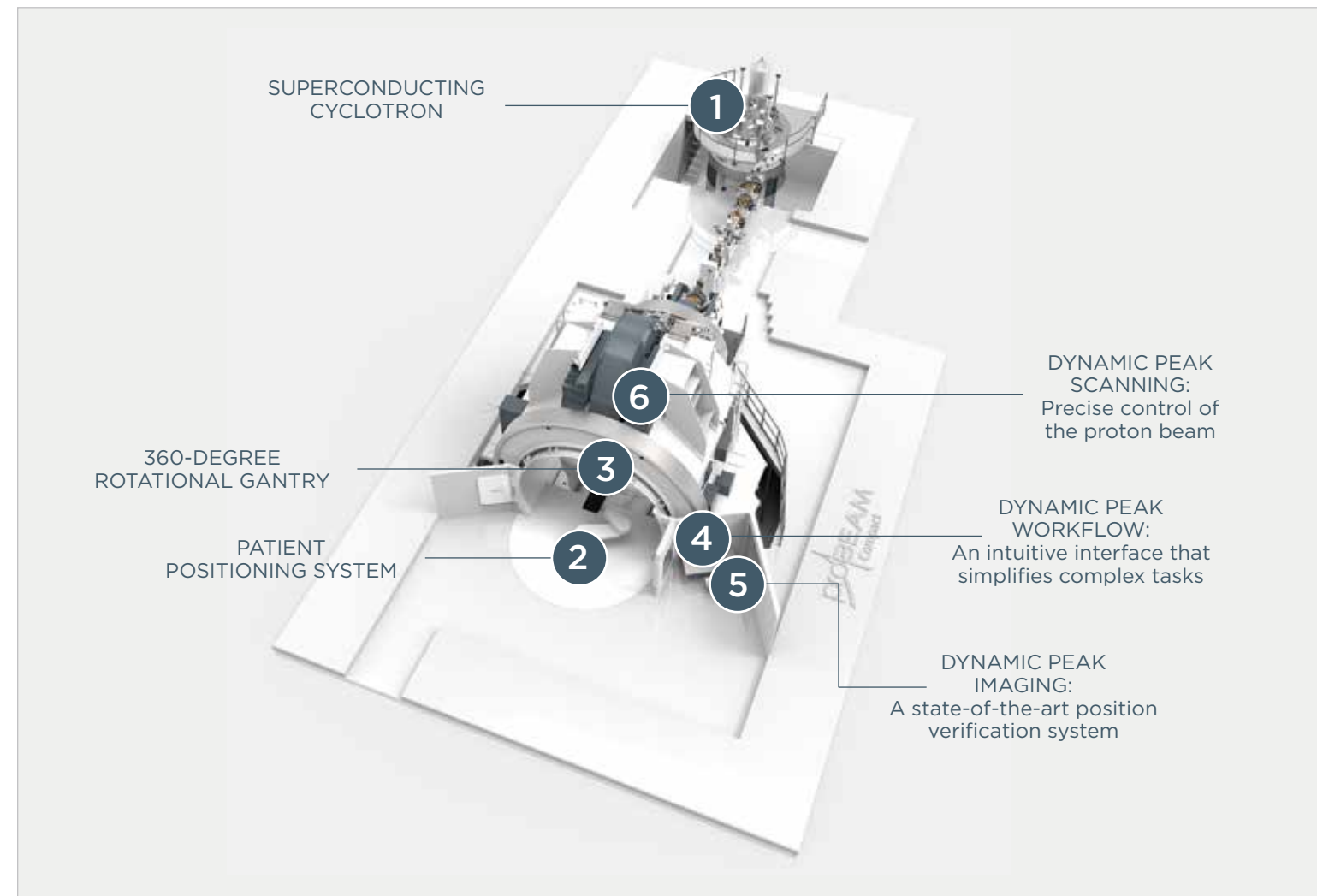


# FULL ACCESS TO ADVANCED CAPABILITIES



THE PROBEAM COMPACT ESSENTIALS INCLUDES:

The ProBeam Compact Essentials system gives you IMPT capabilities in the same footprint as 3 Linac vaults. It provides an ideal alternative for centers with limited space. It also gives you a suite of optional features and full functionality of the multi-room ProBeam solution, including:



1

## SUPERCONDUCTING CYCLOTRON

- Continuous beam
- Scalable dose rate
- Proven performance

2

## PATIENT POSITIONING SYSTEM

- Precise and secure
- Remote repositioning
- Expanded field size of up to 30 cm X 40 cm

3

## 360-DEGREE ROTATIONAL GANTRY

- Rapid delivery of the proton beam at any angle
- Flexibility in treatment planning

4

## DYNAMIC PEAK™ WORKFLOW:

An intuitive interface that simplifies complex tasks

- Integration of delivery, imaging, planning, and oncology information systems
- Auto-sequencing of fields to streamline the irradiation process
- Large in-room monitors to display equipment and patient information
- Single-button procedure for quick execution of treatment

5

## DYNAMIC PEAK IMAGING:

A state-of-the-art position verification system

- Isocentric 2D/2D kV and 360 (degree) CBCT imaging
- Optimized image guidance
- Ad hoc imaging capabilities

6

## DYNAMIC PEAK SCANNING:

Precise control of the proton beam

- Enables high-quality IMPT
- Improves dose conformity and dose control
- Reduces integral dose to the patient
- Allows to precisely target tumors with complex shapes
- Avoids need for collimators and compensators

# BUILT FOR THE FUTURE



VARIAN  
medical systems

The ProBeam Compact Essentials system gives you access to a proton system that is designed with the future in mind. It integrates with other Varian systems and software for ease of use, more efficient training, ramp up and long-term upgradeability. And it supports new advances in technology and new capabilities with minimal disruption to your clinic.

Additionally, the system is customizable to fit your clinic's future needs. For example, you can upgrade your system to include:

- ARIA® Oncology Information System
- Eclipse™ Treatment Planning for Proton

The ProBeam platform is designed to facilitate future upgrades with different optional features with minimal interruption to clinical operations.

PROBEAM COMPACT: NO COMPROMISES IN TECHNOLOGY, PERFORMANCE, OR ROI.

# WE'RE WITH YOU EVERY STEP OF THE WAY

Your vision is specific to your situation — your facilities, your staff, your requirements. That is why Site Solutions works closely and directly with you to ensure your peace of mind and confidence in your equipment.



## EXPLORING FINANCING OPTIONS



We have experience and resources to help you arrange financing for a ProBeam Compact system. Whether you have questions about upfront financing, operating costs or reimbursement, we can help you find the answer.

## INSTALLATION AND COMMISSIONING



We have built more radiation and oncology centers worldwide than anyone else, and we can streamline the construction of your facility and the installation of your ProBeam Compact system so that it is patient-ready in 24 months. Our experts will meet your exact requirements and calibrate the system on-site.

## PROFESSIONAL SERVICES



We will deliver precisely the level of assistance you require — whether it's basic designs, Installation and Commissioning Services or complete turnkey project management.

## STAFF TRAINING



We'll provide you the necessary tools and training — using a familiar Varian interface — so your staff can master this breakthrough system quickly.

## COLLABORATION WITH PEERS



You'll have access to our user community where your medical teams can connect with other oncology professionals while discovering new ways to get the most out of your system.

## ONGOING SUPPORT



After final acceptance of your ProBeam Compact system we will provide all the services necessary to ensure efficient daily operation and meet your system uptime goals. Our support services are tailored to your specific needs, and include:

- Ongoing operational support
- Maintenance and software updates
- Help desk and remote support

# YOUR VISION IS OUR COMMITMENT

The ProBeam Compact system is about more than technology. It is about transformation. It is about creating new choices for treatment and renewed optimism for patients.

Simply put, the ProBeam Compact system represents a huge leap forward for your medical center. And Varian Medical Systems is the partner that can help bring your vision to fruition.

Varian has been a pioneer in radiation oncology for more than 65 years. During this time, we have introduced innovative treatment techniques, equipment and software used to treat tens of thousands of cancer patients worldwide. We are the only radiation oncology company that offers the full range of treatment technologies, and we are a leader in next-generation IMPT.

We can make a true difference. Together.

BRING YOUR VISION TO LIFE.





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Specifications subject to change without notice. Not all features or products are available in all markets.

**Intended Use Summary**

The Varian ProBeam Proton Therapy System provides protons for precision radiotherapy of lesions, tumors, and conditions anywhere in the body where radiation treatment is indicated.

**Safety**

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.