



**PHILIPS**

Radiation Oncology



# The **confident path** to treatment

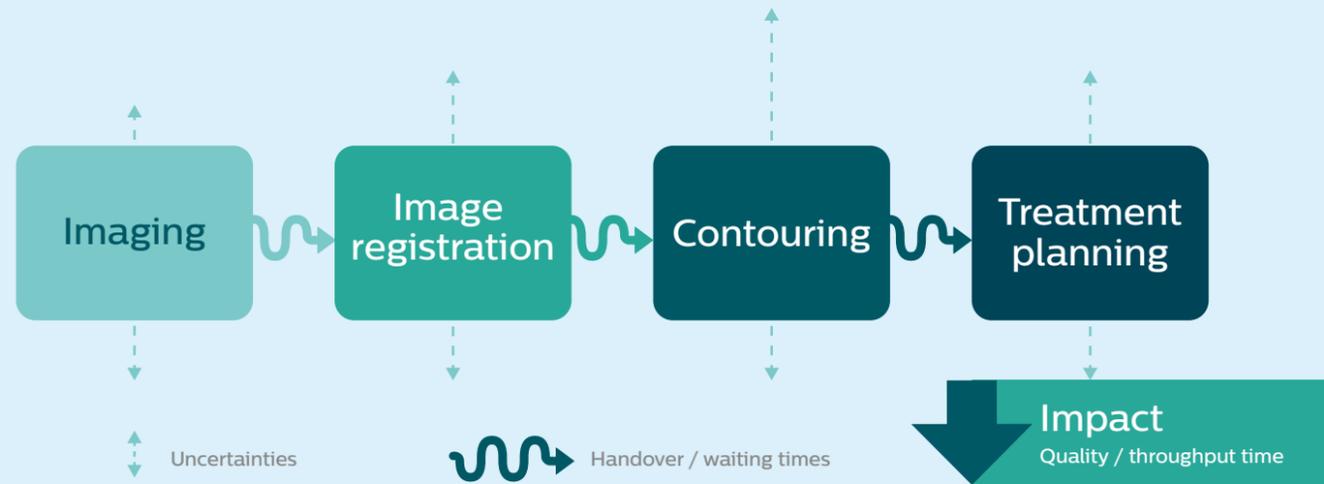
Philips Radiation Oncology Solutions

# The **confident path** to treatment

## Philips Radiation Oncology Solutions

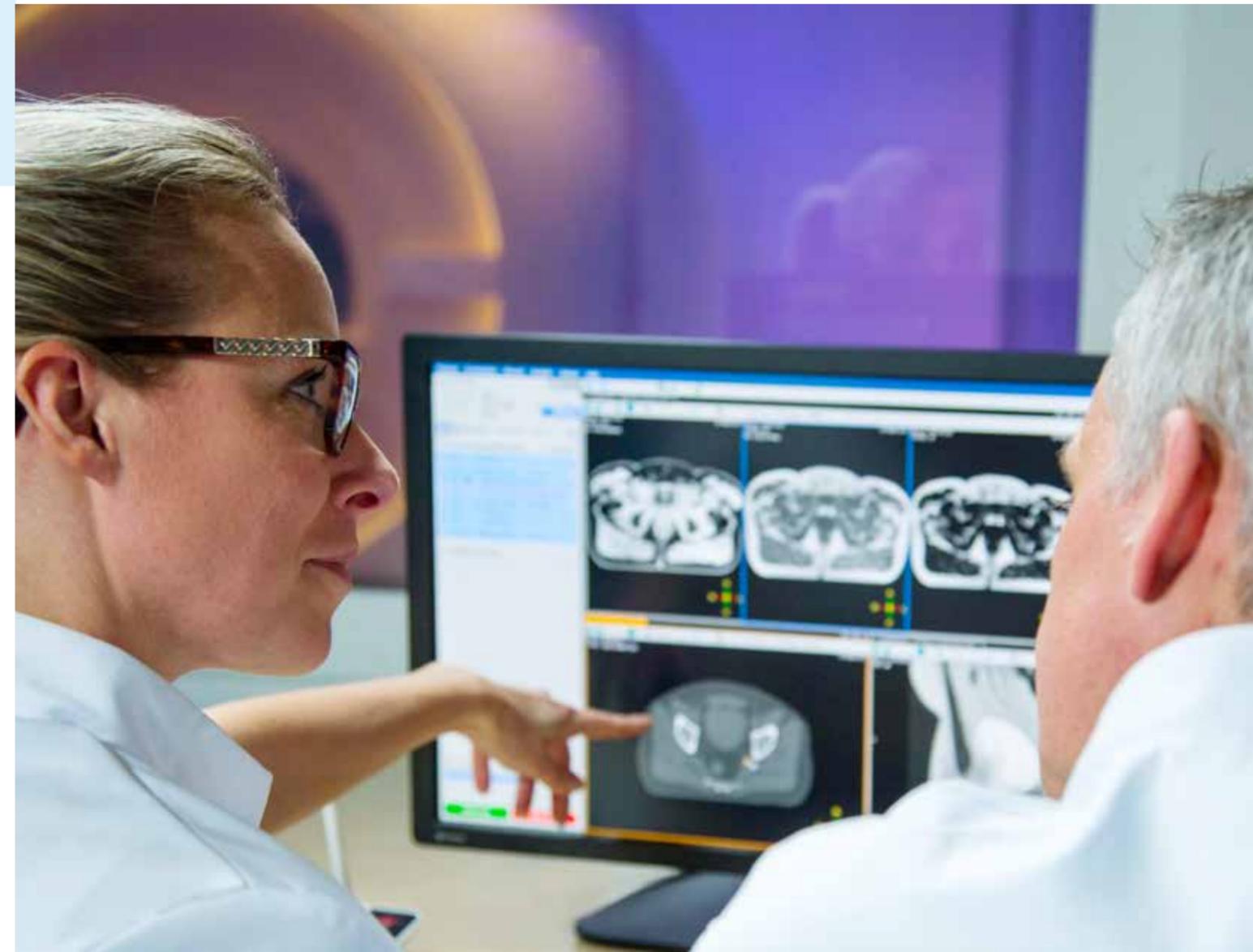
Philips offers a proven portfolio of dedicated radiotherapy **solutions that span diagnostic imaging to treatment planning**. By integrating tools, systems, and software – we help you to improve patient care, accelerate time to treatment, and enhance patient satisfaction, while maximizing the value of your investment.

Together with Philips, you can make your workflow simple, fast, and precise from start to finish. And be certain you can deliver consistent treatment results.



### Radiation therapy workflow challenges

While an effective treatment for cancer patients, radiation therapy processes can be fragmented and highly variable. This can result in uncertainties that impact quality and throughput time.



# Solutions for **tomorrow's** challenges

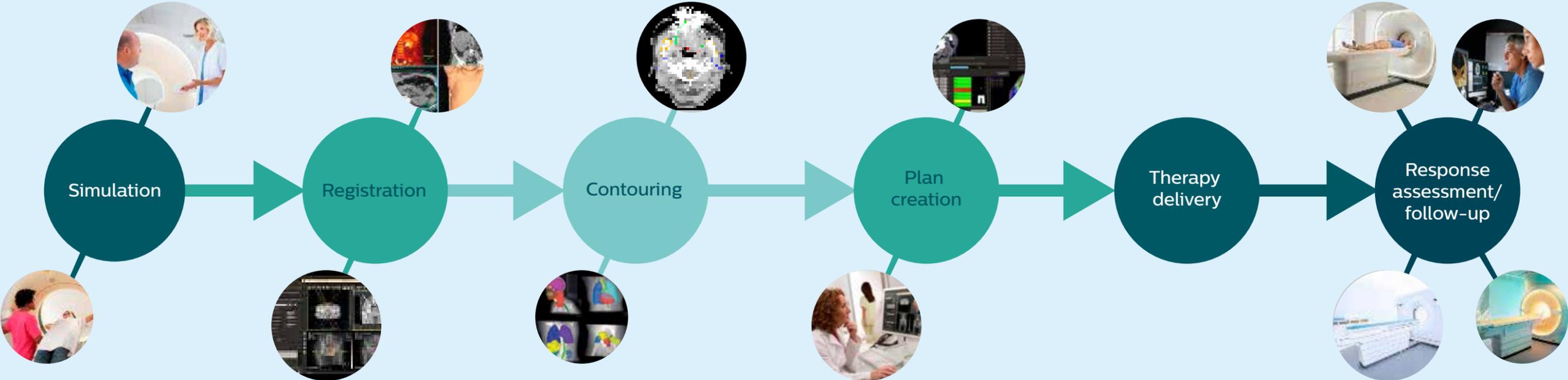
When you collaborate with Philips, you are partnering with a leading provider of dedicated radiation oncology offerings that span imaging to treatment planning. That puts us in a unique position to provide integrated tools, systems, and software to:

- **Increase accuracy** across imaging, planning, and treatment through high precision solutions that work smoothly together.
- **Accelerate** time to treatment with connected workflows and intelligent automation.
- **Maximize value** of your investment with a pipeline of innovations and support that help you continue to grow and evolve.
- **Improve** patient satisfaction by creating a positive, engaging environment to benefit the quality of care.

## Proven portfolio of Philips Radiation Oncology Solutions

Philips is uniquely positioned to simplify radiation therapy workflows and enhance consistency from image to plan.

- **CT Big Bore** and TumorLOC CT simulator designed for radiation oncology.
- **Pinnacle<sup>3</sup> Auto-Planning** accelerate IMRT and VMAT planning.
- Leading in dedicated MRI solutions for radiotherapy, including the comprehensive **Ingenia MR-RT** platform and **MR-only simulation**.
- Collaboration and co-development partner of new integrated radiation therapy devices with industry partners.
- **Vereos Digital PET/CT** for diagnosis, staging and treatment monitoring.
- **IQon Spectral CT** for oncology imaging – empowering you to improve your diagnostic certainty with spectral results 100% of the time, in a single, routine scan.
- **IntelliSpace Portal** for treatment follow-up and tumor tracking.



# Increase accuracy across imaging, planning, and treatment.

Our solutions are designed to reduce uncertainties, improve accuracy, and enhance your ability to assess therapy response adapting the treatment plan if needed, helping you to confidently deliver consistent quality of care.

As the first CT specifically designed for radiation therapy, our **CT Big Bore** delivers accuracy and superb imaging performance. **TumorLOC** (tumor localization) extends the capability of the CT Big Bore and supports efficient workflows by providing localization, simulation, and patient marking tools at the CT console while the patient is on the table.

To enhance accurate delineation of soft tissue, our **MR simulation platform** is designed for integration in the radiotherapy workflow. It acquires high-quality MR images in the treatment position with high geometric accuracy, helping you to better delineate soft tissue targets and organs at risk.

**Pinnacle<sup>3</sup> treatment planning software** allows you to quickly perform re-planning and re-treatment planning with limited manual input. This empowers confident delivery of more accurate treatment plans and improves the consistency of the planning process.

The 85 cm patient aperture and extendable 70 cm field of view of the CT Big Bore can accommodate even complex patient set-ups, and allow patients to be imaged in the optimal treatment position



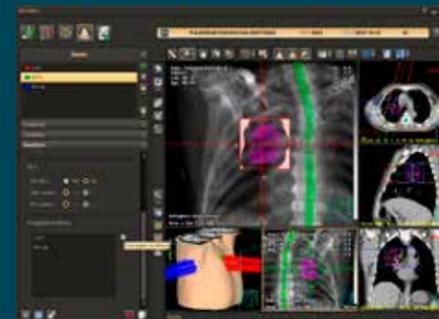
## Solutions for diagnostic imaging, simulation, treatment response, and follow-up



**Ingenia MR-RT** is a comprehensive solution to smoothly integrate MR imaging in the RT workflow



**IQon Spectral CT** empowers you to improve your diagnostic certainty with spectral results 100% of the time, in a single, routine scan



**Pinnacle<sup>3</sup> with Tumor LOC** integrates scanning and planning



**Pinnacle<sup>3</sup> Auto-Planning** accelerates IMRT & VMAT planning

# Accelerate time to treatment

Our solutions integrate workflows across imaging, planning, and treatment so you can standardize best practices and enhance patient care. Intelligent automation helps improve consistency and reduce time spent on labor-intensive tasks, accelerating time to treatment.

For example, **RTdrive MR Prostate** automates many steps from imaging to plan, allowing you to create high quality plans on the same day<sup>1</sup> with minimal user input. With MR-only simulation you eliminate error-prone MR-CT registration and start planning immediately after the MR-simulation scan.

**Pinnacle<sup>3</sup> Auto-Planning** provides smart automation tools that allow users to generate high quality IMRT & VMAT plans quickly with limited intervention, freeing up users to carry out other tasks.

RTdrive enables same day treatment

**Auto-planning** creates plans in just 3 steps: Select. Run. Evaluate.

<sup>1</sup> Tested in a non-clinical environment with single Pinnacle user and a 5-beam IMRT plan. Excluding time for optional manual adjustments.  
RTdrive MR prostate creates a treatment plan in 25 minutes.



# Maximize value of your investment

As technology in radiotherapy evolves, investments must meet the demands of today, while giving you the ability to take advantage of new developments. Philips is dedicated to helping you master today's investment challenges and enables you to seize tomorrow's opportunities. As a committed partner, we provide flexible upgrade and service options, consulting services and continuous education programs to allow you to maximize the value of your investments over the entire life cycle.

**Master today's challenges**

Philips offers tailored financing solutions, award winning design services<sup>1</sup>, and customized education support to help you establish a productive clinical practice quickly and efficiently. A broad range of upgrades and options allow you to evolve and grow your services to meet new developments and opportunities.

**Seize tomorrow's opportunities**

In the dynamic area of radiation therapy, you want to know you have a foundation for the future. Our products are designed with upgrades and options in mind and enables you to evolve and grow your clinical services. Our visionary partnerships have produced industry-leading innovations that are revolutionizing cancer treatment across the globe. In a our technology partnership with Elekta we are pioneering the use of MRI during treatment.



These and other strategic collaborations are fueling a pipeline of new breakthroughs that are set to redefine cancer care in the future.

New radiation oncology configurations can easily be added as an upgrade to already installed systems



<sup>1</sup> Philips (2016, September 22). IBA and Philips launch new patient-centric Ambient Experience solution for IBA's proton therapy system [Press Release]. Retrieved from: [www.philips.com](http://www.philips.com)

# Improve patient satisfaction

Radiotherapy treatment can be a burden for patients. The quality of the experience has been proven to correlate with outcomes, and patient satisfaction is becoming an increasingly important performance indicator.

Our solutions are designed to improve satisfaction for patients and their families by reducing time to treatment and enhancing comfort. And they help enhance clinical staff satisfaction by simplifying workflows allowing teams to spend more time focused on patient care.

Philips Healthcare Transformation Services provides a framework for long-term healthcare change. By collaborating with healthcare professionals, we deliver end-to-end, patient-centric services and solutions across the continuum of cancer care. This work has improved CT and MR, reducing planning times for patients.

With an Ambient Experience designed CT room, 89% of parents found the experience better for their child at Noah's Ark Children's Hospital for Wales.



# We create **meaningful innovations** for you

## **We realize that your needs are focused around:**

- Coordinating multi-disciplinary care delivery
- Managing financial and quality assurances initiatives
- Improving patient satisfaction
- Adopting new technologies

Offering holistic cancer care begins with the patient. It looks beyond their disease to understand what matters to them and everyone connected along their journey. With so many different technologies, challenges for cost-effective, people-focused oncology care have never been greater.

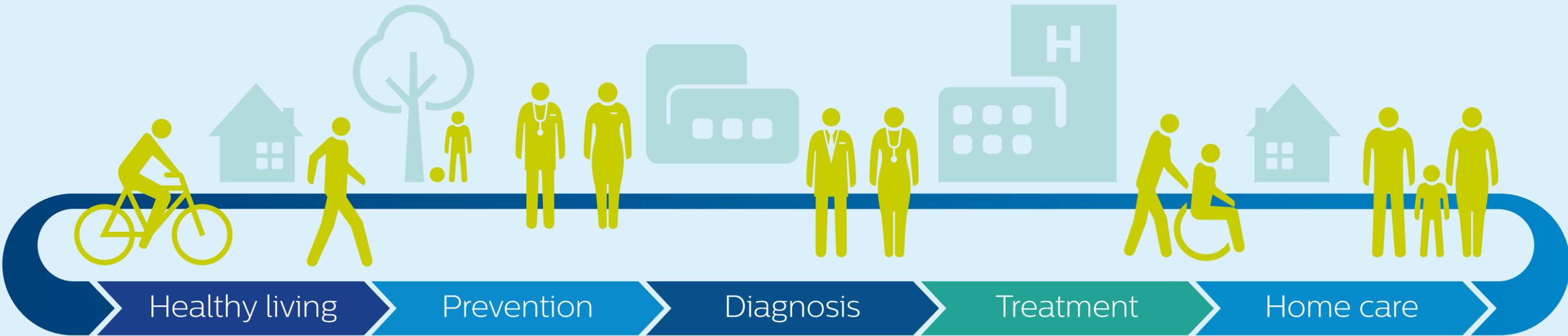
Together, with clinical expertise, rich data, and advanced analytical capabilities, we can create a new approach to cancer care, unlocking value based, patient centric solutions. Our advances in technology are helping us simplify operational and clinical processes and deliver more accurate results for better outcomes.

We invite you to join us on the confident path to the new world of radiation therapy.



# Our vision in Oncology

Committed to supporting you in providing better cancer care, we are developing and delivering innovations that expand your reach in Oncology.



**Improve population health outcomes and efficiency through integrated care, data analytics and value-added services.**

Support people to live a healthy life in a healthy home environment.

Enable people to manage their own health.

Ensure confident diagnosis with personalized predictive care pathways.

Enable more effective therapies, faster recovery and better outcomes.

Support recovery and chronic care at home.

**Philips Radiation Oncology Solutions**

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## Philips Oncology Solutions

Cancer incidence and related healthcare costs continue to grow. There is a big need to diagnose and treat patients in efficient settings with a focus on the best care. The key? You must combine using the best imaging and therapy capabilities, patient experience and lowest cost with the goal to improve patient outcomes. We help make this possible with tools and services for imaging, supporting fast decision making and enable targeted, patient-specific therapy. With Philips, the future of personalized oncology is within your reach.

## Digital Pathology

**Work efficiently, speed up consultations, uncover new insights**

Pathologists must seek more efficient means to support targeted, patient-specific therapy and accurate decision making. Philips IntelliSite Pathology Solution is the innovative solution to help your team to ultimately achieve better results. It enhances diagnostic productivity with high-resolution digital images, collaboration features, and case management tools.

## IntelliSpace Genomics

**Unify the whole patient picture**

Our intuitive and integrated interfaces display comprehensive patient information – genomic and molecular profiling, patient history, and anatomic pathology, provide as complete a perspective on the patient's condition as possible.



## Population health

**Efficient health monitoring strategies**

Philips provides healthcare professionals access to an end-to-end population management transformational program that connects the patient, family caregiver, and healthcare professionals clinical team. Providing population health solutions with actionable information is at the core of Philips Service research and development initiatives, allowing organizations to monitor many patients over a long period of time with elderly accepted wearable technology.

We are committed to using an approach to enable healthcare professionals to partner at whatever stage of readiness for systems integration and technological innovation.

## Philips Radiation Oncology Solutions

**The confident path to treatment starts here**

We invite you to join us on our journey to improve patient care, accelerate time to treatment, enhance patient satisfaction, and increase the value of healthcare technologies.

Contact your local Philips representative to learn more about how Philips Radiation Oncology Solutions can create a confident path to treatment for your radiation therapy services.

