Precision Radiation Medicine for everyone

Elekta’s family of HD digital accelerators
Addressing clinical needs around the world

A prolonged, disease-free life is what cancer patients hope for. As clinics become more collaborative and treatments become more personalized, Elekta is using precision radiation medicine to work toward a future where everyone can benefit from precise and individually tailored radiotherapy treatments. Regardless of your need or location, Elekta has a solution for you.

With a range of clinical workflows, our family of HD digital accelerators enables more patients to benefit from state-of-the-art cancer therapy.

Elekta has been revolutionizing cancer care for nearly 50 years, placing your needs for your patients at the forefront of what we do. Developing precise, flexible solutions for everyone, everywhere—our systems are trusted and relied on worldwide.
6,000 hospitals worldwide rely on us to treat
1.5M patients per year
Elekta Synergy®

Proven technology for everyone, everywhere
Inspiring confidence.
Elekta Synergy® is proven, reliable technology that is simple and accessible. With Synergy, you can plan and deliver with accuracy. Synergy enables sophisticated image guidance, allowing confident treatment of simple or complex indications.

Simple and reliable.
Clinical workflows can be complex depending on the clinical need—Synergy brings simplicity to the process, providing you with minimal energy consumption, training and remote 24/7 support that keeps you up and running optimally.

- Green Beam Technology—uses 30% less energy than other typical high-energy systems

Almost 2,000 systems are in clinical use in over 70 countries worldwide, enabling over 150 new radiation therapy sites each year.

A foundation for the future.
We designed Synergy for the needs of growing clinical practices, with technology that can support you to deliver simple to advanced treatment regimens—providing a radiotherapy solution that is scalable as you grow.

- We deliver unparalleled training—on site, e-learning and workshops
- Elekta IntelliMax™ provides the capability for secure remote access by your Elekta Care Support Center, avoiding more than 2 hours clinical downtime per predictive occurrence—to help maximize your system availability*
- Unlock advanced clinical capabilities and treat more patients with dynamic volumetric arc delivery
- Efficiently deliver highly conformal radiation tumor dose with less danger to surrounding tissue

*For details, please contact your Elekta representative

Graph:
- Elekta dual-energy linear accelerators
- Klystron-based dual-energy linear accelerators

30% less energy consumption

Electrical units used per annum
Elekta Infinity™

Flexibility redefined, truly multifunctional
Clinical freedom.
Change is constant. Flexibility is vital. Elekta Infinity gives you the clinical freedom to treat a diverse range of patients with simple and complex radiotherapy needs—so you can treat a wider range of patients optimally.

- Redefine flexibility with a single multifunctional platform

- See—and cover—more. 15% larger dynamic field size and fast leaf speed enable effective coverage of complex and multiple targets

- Introduce stereotactic programs. Use our sophisticated image guidance and delivery tools to escalate dose while safely reducing margins

Uncompromised performance.
We’ve built Infinity to provide uncompromised performance—even for the most challenging treatments—while enabling faster throughput. Visualize, tailor and safely deliver high quality patient solutions.

- Deliver dynamic treatments fast with > 2x faster leaf speeds

- Reduce non-therapeutic body dose with the combination of ultra low MLC leakage and Flattening Filter Free (FFF) beams

- Real time leaf positioning and monitoring gives you reliable high-performance precision

Optimized efficiency.
Infinity is the workhorse system you need now to maximize your departmental performance.

- Work effectively. Deliver > 40% faster treatments with rapid leaf speed and High Dose Rate Mode

- Increase throughput. More patients can be treated during the working cycle

- Maximize clinical availability. Elekta IntelliMax™ remotely monitors Infinity in real time—reducing unplanned maintenance and proactively ensuring that it’s available and optimized for use
Elekta Versa HD™
Pushing the boundaries of your stereotactic capabilities
High definition dynamic radiosurgery (HDRS).

Clinical excellence—it’s what you strive for when delivering radiosurgery. Versa HD makes it possible every day, with every patient. Whether you’re treating the brain, spine, lung, liver or prostate, Versa HD enables precision quality care in standard treatment slots.

- See more. Advanced imaging with anatomically correlated online 4D image guidance pre-, during and post-treatment means 2D, 3D and 4D images can guide clinical treatments.

- Gain superior target conformance. The combination of Agility HD beam shaping and Monaco treatment planning system allows virtual 1 mm leaf resolution for conformal treatments of small and multiple stereotactic targets across the full 40x40 cm treatment field.

Anatomically guided accuracy.

Versa HD lets you push the boundaries of your stereotactic capability by using anatomically guided imaging—eliminating the need for implanted fiducials.

Be accurate. Versa HD allows submillimeter end-to-end accuracy.

- Manage motion effectively. Advanced imaging and motion management technologies allow you to mitigate motion challenges, so you can deliver lung and prostate SBRT with confidence.

- Be assured. Versa HD brings you plan, patient and machine QA for total treatment confidence.

- Be the best. Only Versa HD allows you to push your stereotactic boundaries with a versatile solution.

For end-to-end confidence.

Versa HD provides end-to-end quality assurance (QA) so you can deliver complex treatments with peace of mind.

- Protect patients. Only Elekta offers Critical Structure Avoidance (CSA) technology—to maintain clinical objectives and maximize normal tissue sparing.

- AQUA provides departmental machine quality management and simplifies QA processes across the entire workflow.
Uniquely Elekta

Our HD Editions

Accuracy, speed, quality

Our unique high-definition packages—now available across our family of digital accelerators—are designed to ensure more patients can access high quality treatment.

IntelliBeam

Intelligent, high-definition, high-speed treatments

IntelliBeam is a high definition dynamic volumetric arc delivery technique only possible with the unique combination of Elekta digital accelerators and Monaco® treatment planning—allowing intelligent, high-definition and high-speed modulated treatment delivery.

- HD conformality. Flexible gantry rotation with up to 1,024 dynamic control points per arc allow more degrees of modulation to be delivered where needed, combining high dose modulation to ensure focused dose to the target and low dose modulation to enable steeper dose gradients and sparing of organs at risk (OAR).

- Faster arcs. 1,024 dynamic control points per arc also minimizes the need for multiple arcs, allowing clinical dose objectives to be delivered typically in a single or even sub-arc. Fewer arcs and shorter treatment times promote patient comfort while lessening potential treatment inaccuracies due to patient motion.

- Higher throughput. Complex treatments—including high-dose stereotactic treatments—can be delivered in many cases as fast as 120 seconds or less. This ensures door-to-door treatment deliveries to be completed in standard treatment slots of 15 minutes or less, enabling higher patient throughput and departmental efficiency.
SureStart is an advanced QA package that supports fast clinical start-up and allows you to optimize and maintain long-term performance of your digital accelerator in an efficient manner—enabling you to deliver treatments with confidence.

- Fast implementation. Reducing the beam commissioning process from eight weeks to two allows you to start clinical operations sooner with gold-standard Monte Carlo accuracy.
- Centralized QA compliance. AQUA centralizes data and processes across your entire department and throughout the wider hospital network.
- Standardization through automation. Reduce resources required and time needed to perform QA tasks with out-of-the-box, internationally recognized tests, ensuring you are always compliant and audit ready.

MOSAIQ Plaza, Elekta’s patient-centric, integrated software suite, is designed to work seamlessly with Elekta’s radiotherapy systems to deliver comprehensive, cost-effective treatment. This technology helps drive efficient daily practice and connectivity to bring people and information together.

- Our suite of digital tools was developed to enhance every moment of the patient journey.
- Seamless integration enables faster, personalized, more responsive clinical workflow.
- The enhanced integration with Monaco elevates the user experience with a reduction of 50% of mouse clicks.
MOSAIQ®

Treatment Management

Data accessibility, manipulation, interpretation and management is vital to your success and to your patients’ well-being. We developed MOSAIQ to provide you and your colleagues the freedom to access what you want, when you need it and wherever you are.

An open system,* MOSAIQ provides multidisciplinary teams across multiple locations a single interface to vital information by centralizing all the patient data gathered in radiation oncology, particle therapy and medical oncology.

Additional integrative tools enhance your flexibility.

**MOSAIQ® SmartClinic.**
Made for MOSAIQ, this intuitive game-changer enables process visualization and automated streamlined care coordination with fewer clicks and portability.

**MOSAIQ® Oncology Analytics.**
Actionable practice information lets you quickly assess and adapt to issues affecting quality of care, productivity and cost.

*For details, please contact your Elekta representative

Integrated Monaco/MOSAIQ user experience:

- SRO Managed in Monaco
- Patient Access Log
Monaco® HD

Treatment Planning

Monaco is the only planning system you need to deliver fast, precise treatments for your patients. Giving you the highest standards in planning accuracy, Monaco uses the Monte Carlo algorithm, and supports all major modalities of treatment.

- Gold standard accuracy is at your fingertips
- Maximize the capability of your Elekta digital accelerators
- Enable superior plan quality with short delivery times

It’s planning made simple by Elekta.

Monaco HD includes the following features:

- Integrated Monaco/MOSAIQ user experience
- Simplified daily planning
- Accelerated adaptive planning
- Reduced commission time

Common-user Authentication  Demographic Sharing  Automated Plan Export/Promotion  Isocenter Shifts PRO
Elekta Care™

Our customer commitment

Keeping you working

When you choose Elekta you are never alone. Our commitment to customer care lasts a lifetime. We call it Elekta Care™.

Throughout your relationship with us, we want to make sure that you can focus where it matters: on your patients. We get you up and running quickly and keep you that way.

Elekta Care provides continuous support, unique training opportunities and technical service on-site, remotely and online. With Elekta Care support is never more than a click or phone call away.

This is beyond customer care. This is uniquely Elekta Care.

Elekta IntelliMax® remote system support

12k Elekta devices

80% 80% of our linac customers connected

30% linac issues fixed remotely

System Availability

Startup Services

Optimized Use

Elekta Care™

Service & Support

Elekta Care Learning

Elekta Care™ Community

Upgrade Solutions

Professional Services

Elekta Precision Radiation Medicine for everyone
Focus where it matters.

Elekta.com
For almost five decades, Elekta has been a leader in precision radiation medicine.

Our nearly 4,000 employees worldwide are committed to ensuring everyone in the world with cancer has access to—and benefits from—more precise, personalized radiotherapy treatments.