

# Elekta Infinity™

Flexibility redefined,  
truly multifunctional



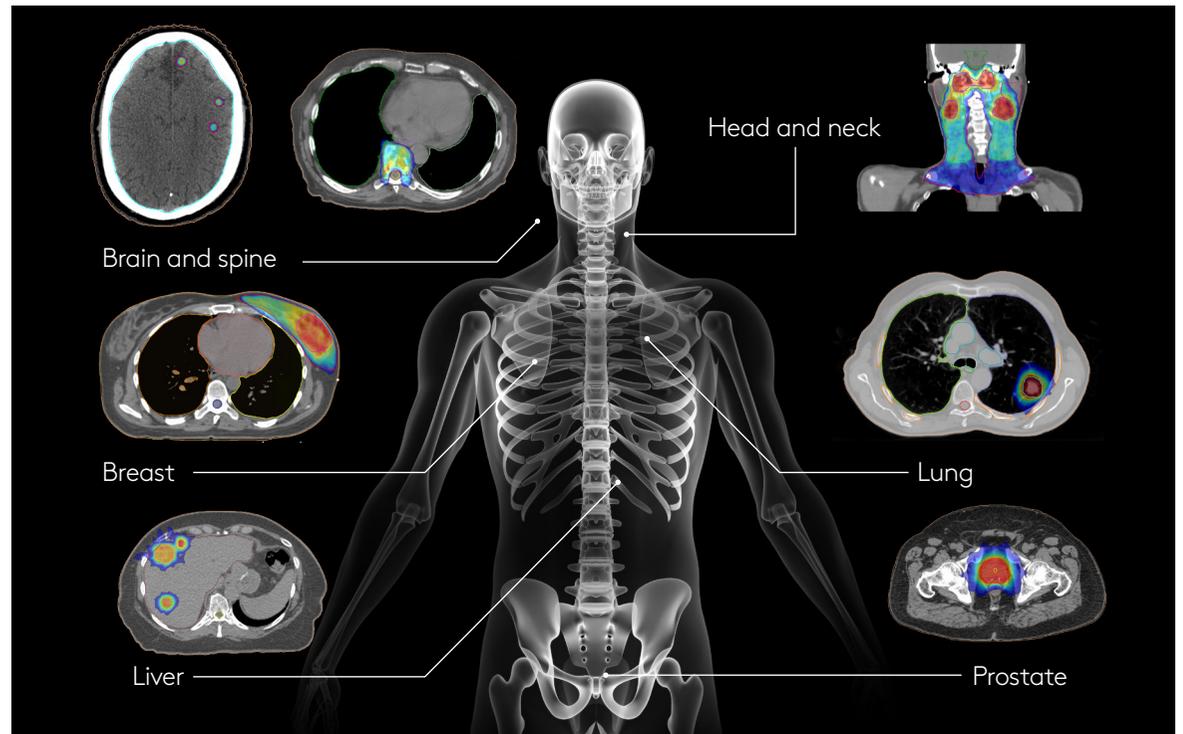
Elekta Infinity  
Flexibility redefined, truly multifunctional

# Clinical freedom

Change is constant. Flexibility is vital. Elekta Infinity™ gives you the clinical freedom to treat a diverse range of patients with simple-to-complex radiotherapy needs—so you can optimally treat a wider range of patients.

## Truly Multifunctional.

- Redefine flexibility with a single multifunctional platform
- Versatile platform enables clinics to expand their radiotherapy program, helping to meet and exceed clinical goals for every patient, every time
- Experience unsurpassed freedom to treat from head to toe



Unsurpassed freedom to treat a wider range of indications

## Full field, high definition beam shaping.

- Agility™ MLC provides superior target conformance
- Utilize 160 x 5 mm leaves across full 40 x 40 cm field
- 15% larger dynamic field size and fast leaf speed enable effective coverage and treatment of complex targets
- Apply fast leaf speed up to 6.5 cm/s

## Introduce stereotactic programs.

- Advanced image guidance and delivery tools enable stereotactic programs
- Be dose confident with leading image-guided technology
- Start stereotactic programs and offer new treatment options to patients, in addition to more common delivery techniques

Infinity gives you the clinical freedom to do more for your patients.

# 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.

Infinity is everything you need, in one platform.

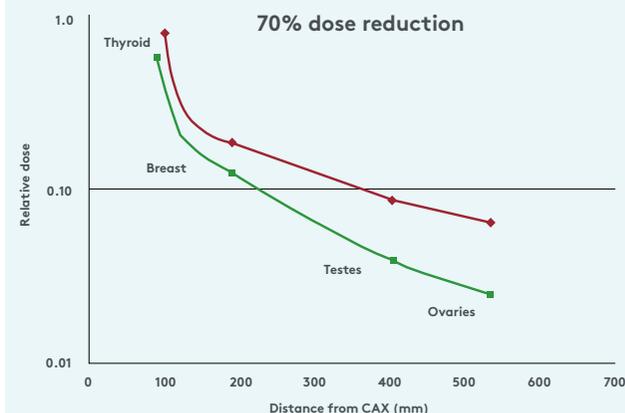
## Deliver dynamic treatments.

- Infinity delivers > 2x faster leaf speeds
- Patients can be treated more rapidly
- Inaccuracy from patient movement is minimized

## Reduce non-therapeutic exposure.

- Infinity offers rapid beam shaping and ultra-low transmission, reducing dose to critical structures and healthy tissue
- The combination of ultra-low MLC leakage and High Dose Rate Mode (FFF) reduces non-therapeutic body dose up to 70%\*
- Safeguard surrounding tissue with advanced image guidance tools to confidently deliver radiation only where you want it

## High dose rate mode (FFF) and Agility reduces non-therapeutic body dose



Data courtesy of Jason Cashmore as part of an intracranial case phantom study, University Hospital Birmingham NHS Foundation Trust, UK

## Real-time MLC leaf monitoring.

- Equipped with Rubicon optical technology
- Real-time leaf positioning and monitoring gives you reliable high-performance precision
- Achieve absolute confidence in leaf accuracy, regardless of delivery technique

**Infinity delivers.** We've built the system to ensure you maximize throughput with the highest performance and accuracy—every day.

\*Data on file

**Elekta Infinity**  
Flexibility redefined, truly multifunctional

# Optimized Efficiency

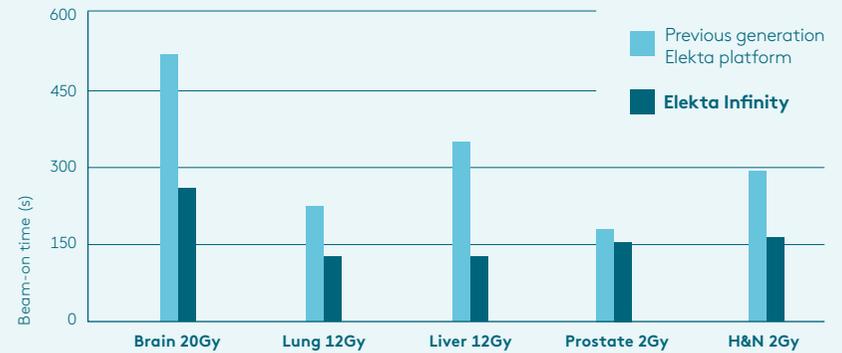
We've built Infinity to be the workhorse you need now to optimize your departmental performance, ensure you can maximize uptime, and deliver superior patient treatments.

## Work effectively, increase throughput.

- Infinity provides the unique combination of rapid leaf speed and High Dose Rate Mode
- Over 40% faster treatments gives you the ability to treat more patients



>40%  
faster  
treatments\*



## Protect and treat faster with IntelliBeam.

- Monaco treatment planning system unlocks 1,024 dynamic control points for superior and efficient treatments
- Perform highly modulated deliveries with faster arc treatments
- Increase patient comfort with less on-table time
- Streamline clinical startup and treatment planning process with out-of-the-box RTOG protocols

## Stay optimized and available.

- Elekta IntelliMax® provides proactive support and predictive maintenance
- IntelliMax monitors your Infinity system's status and performance, in real time
- Maximize system availability—over 30% of issues are fixed remotely\*



Rest assured—  
you've got  
**Elekta Care.**

**Elekta Care™ provides ongoing support to ensure optimum system uptime**

- Our commitment to your customer care combines unrivaled professional support with state-of-the-art technical services
- We get you up and running quickly—and keep you that way
- 24/7 system support, lifetime learning opportunities and peer-to-peer knowledge sharing

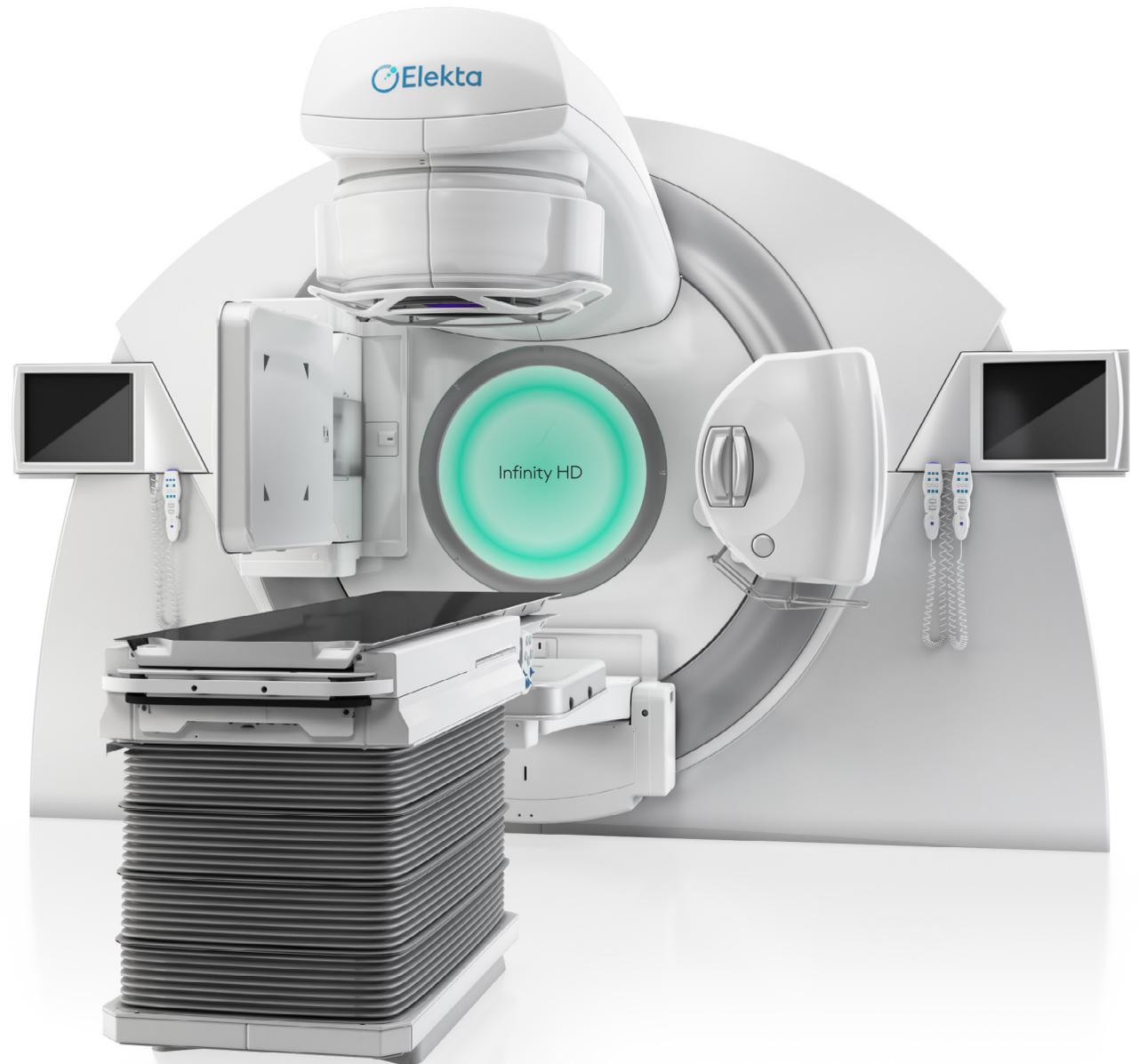
\*Data on file

---

HD Edition

# 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.



### Elekta IntelliBeam

Intelligent, high-definition, high-speed treatments



### SureStart

Fast start-up and optimized performance



### MOSAIQ® Plaza

Enhanced workflow efficiency and user experience

**Elekta Infinity**  
Flexibility redefined, truly multifunctional

# Experience clinical freedom



“Elekta Infinity equipped with Agility, facilitates the delivery of sophisticated image guidance treatments for a variety of patients. The high performance of Agility and VMAT not only offers reduced treatment time—reducing the uncertainties due to intrafractional motion—but it can also increase patient throughput. Patients will also benefit from the more precise adaptation to target volumes and thus increased sparing of organs at risk.”

**Bjorke Mortensen, M. Sc., Head of Medical Physics**  
Veijle Hospital, Veijle, Denmark

## with uncompromised performance

“Elekta Infinity will give us a competitive advantage over other centers in our area. In addition, the ability to treat with the highest degree of accuracy will benefit our patients greatly.”

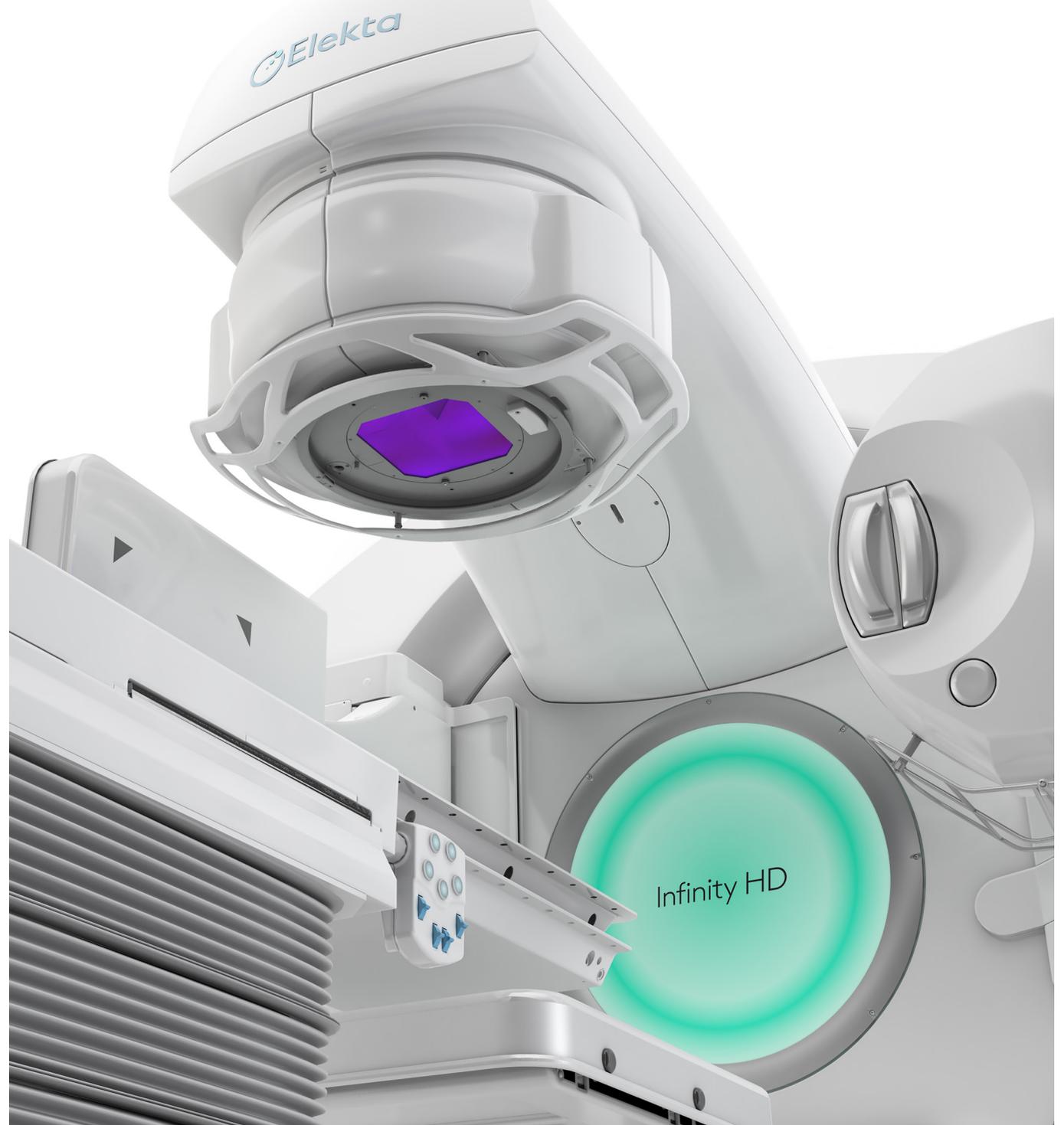
**Kyle Antes, MS, Director and Chief Physicist**  
Presbyterian Cancer Center, Dallas, Texas, USA

---

# and optimized efficiency

“Treatment was delivered perfectly with Elekta Infinity. I can tell you the therapists were absolutely thrilled and immediately had numerous recommendations of patients they thought would benefit from VMAT, and that was based primarily on the time efficiency of delivery.”

**David R. Asche, MD,**  
**Director of Physics and Engineering**  
RAS Radiation Oncology Centers,  
Sacramento, California, USA



**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.**



**Elekta AB**

Box 7593  
SE-103 93  
Stockholm, Sweden

T +46 8 587 254 00  
F +46 8 587 255 00

**Europe, Middle East, Africa**

T +46 8 587 254 00  
F +46 8 587 255 00

**North America**

T +1 770 300 9725  
F +1 770 448 6338

**Latin America, South America**

T +55 11 5054 4550  
F +55 11 5054 4568

**Asia Pacific**

T +852 2891 2208  
F +852 2575 7133

**Japan**

T +81 3 6722 3800  
F +81 3 6436 4231

**China**

T +86 10 5669 2800  
F +86 10 5669 2900



LPCINF190102 v1.0  
© 2019 Elekta AB (publ.) All mentioned trademarks and registered trademarks are the property of the Elekta Group. All rights reserved. No part of this document may be reproduced in any form without written permission from the copyright holder.