



Elekta Evo

Adapt at your rhythm





Elekta Evo

Adapt at your rhythm

Discover the unlimited potential with Elekta Evo



Elekta Evo

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From the everyday to the extraordinary

Evo has been designed to maximize your investment, time and resources so you can adopt new technologies at a pace which works for you.

Offering unparalleled versatility for treating a complete range of clinical indications from electrons to Stereotactic Radiosurgery (SRS) with high precision.

Prepare for the future and deliver the right treatment technique, for the right patient, at the right time.



Elekta Evo

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The only CT-Linac that uniquely evolves on your terms to offer everything from the everyday to the extraordinary



Do it all

Expand your capabilities to experience unlimited clinical freedom with Evo.

A full spectrum of ultra-precision radiotherapy techniques, all within a single machine, to maximize your investment and resources.



Go further

With new high-definition AI-enhanced imaging underpinning workflow automation, and both online and offline adaptive radiotherapy at your fingertips. You can offer more highly personalized care than ever before at a pace set by you.



In it together

With Evo, you gain access to our unified software experience and exclusive dedicated support—proven to maximize radiotherapy up-time—and our global user community which connects you with like-minded peers.

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Do it all

Elekta Evo empowers you with a single comprehensive solution, giving you the freedom to treat every indication and every patient

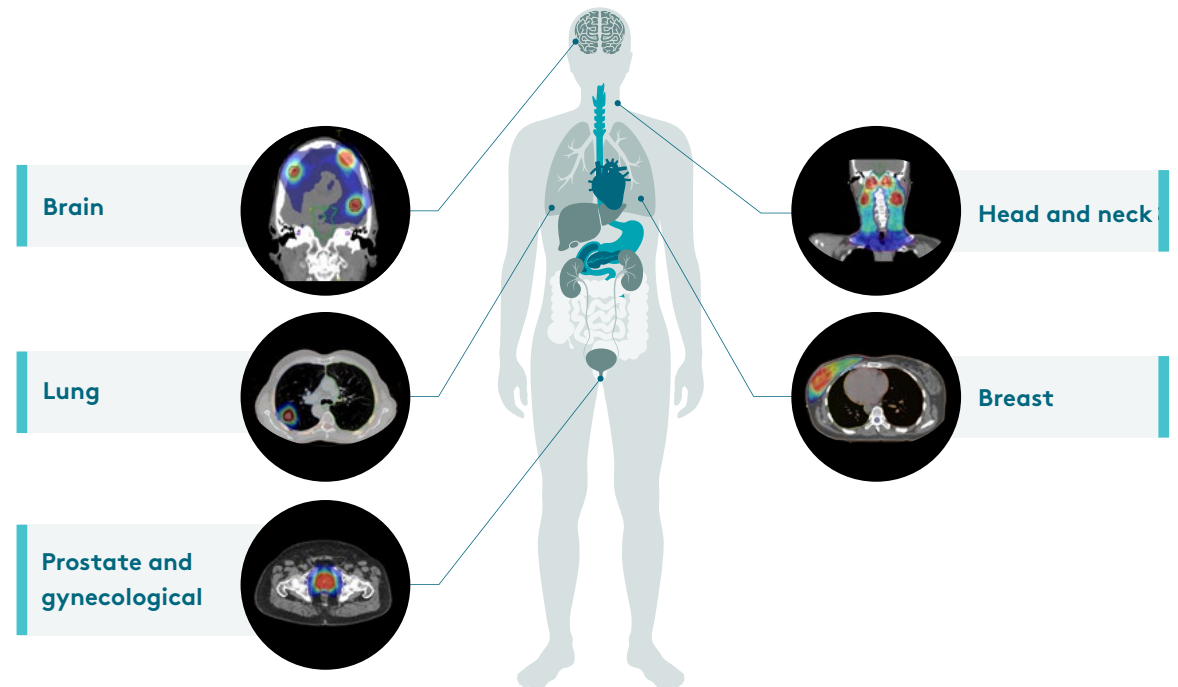
Evolve your clinical practice

Deliver excellence in cancer care with Evo's full suite of treatment capabilities, everything from the everyday to the extraordinary. Evo offers unparalleled versatility for treating a complete range of clinical indications from electrons to Stereotactic Radiosurgery (SRS) with high precision—all in a single CT-Linac.

Treatment without limitations

Explore limitless potential at your own pace, engineered with precision by design and confidently treat a variety of patient needs using:

- Non-coplanar
- 6D positioning
- Multiple photon and electron energies
- Full online and offline adaptive toolkit
- 4D image guidance

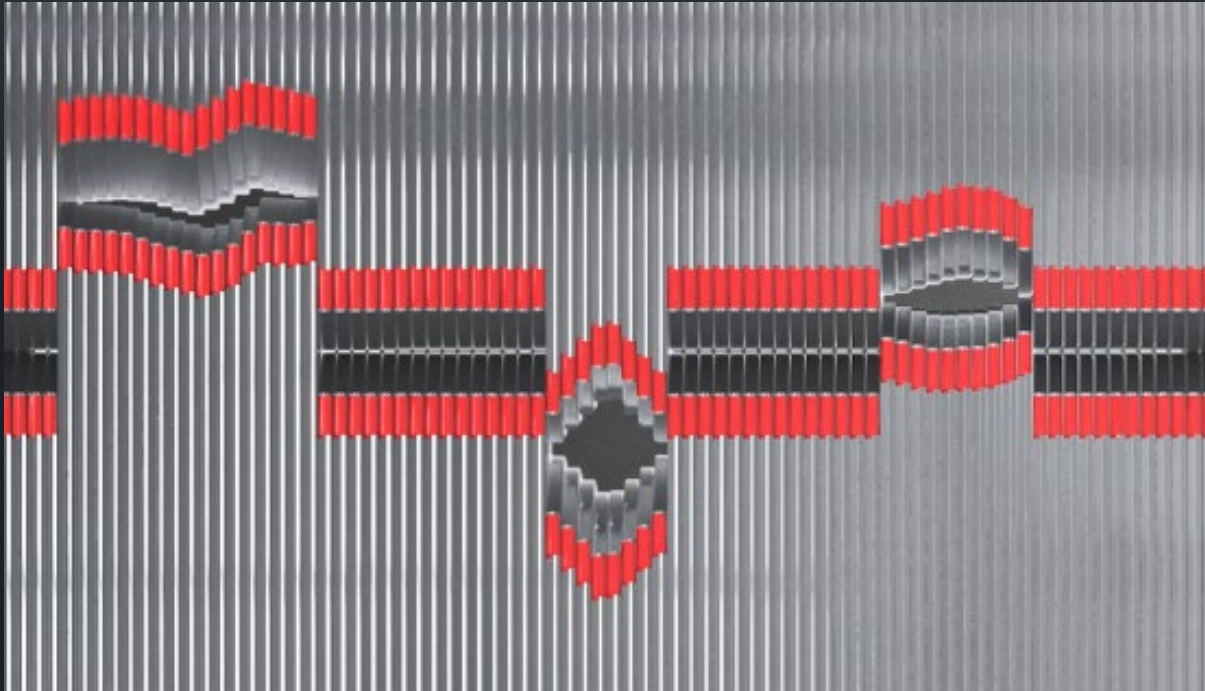


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Proven precision by design

Agility 160 leaf HD Multi-leaf collimator



Focus treatment precisely where it's needed

Evo's versatile, advanced stereotactic features include FFF beams, 6D couch precision and 1 mm resolution for superior dose sculpting and optimized SRS delivery.

With Evo, you gain access to features that can reliably and effectively treat even the smallest hard-to-target tumors while sparing critical healthy tissue.

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Excellent dose conformity

Ability to achieve a virtual leaf width of just 1 mm for enhanced conformity and superior OAR sparing



Superior OAR sparing

With exceptionally low leaf transmission, reducing unwanted dose to organs-at-risk and healthy tissue



Fast treatment delivery*

With a 40 x 40 cm treatment field and variable control point delivery with IntelliBeam, you can benefit from up to 70% faster treatment delivery with VMAT technology



Multiple energies

Utilize multiple photon and electron energies to provide the versatility to treat all patients



Beam matching

Beam match Evo to your existing Elekta Linac fleet to easily switch patients between Linacs for maximum departmental efficiency

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One machine, unlimited treatment options

With **proven precision, by design**, Elekta Evo enables you to do it all so you can deliver cancer care with the utmost precision thanks to its ultra-precise stereotactic capabilities.



2.5x faster dose rate with High Dose Rate Mode

The fastest MLC available

New modern patient friendly design

Full adaptive toolkit

Powered by Elekta ONE®

QA and treatment lighting modes

Fast single isocenter treatments for large fields

Iris®—Next-generation image quality

Integrated 4D imaging

Multiple photon and electron energies

Up to 70% faster treatment delivery with VMAT*

6D table enhances stereotactic radiosurgery

Intellibeam 6x more modulation in a single arc

Non-coplanar techniques

*Elekta data on file

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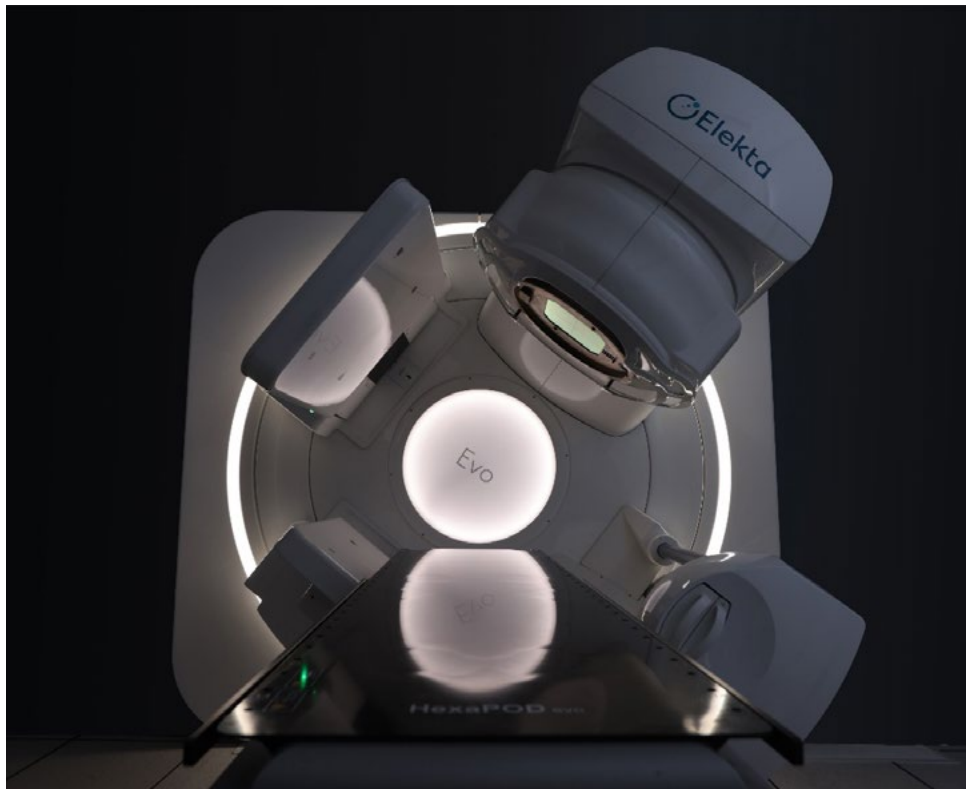
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New modern design including moonlight mode

Dual lighting modes provide enhanced visualization during patient and quality assurance (QA) setup.

Moonlight mode provides optimal lighting for precise and efficient QA procedures and treatment mode is designed for patient comfort.

Moonlight mode



Treatment mode



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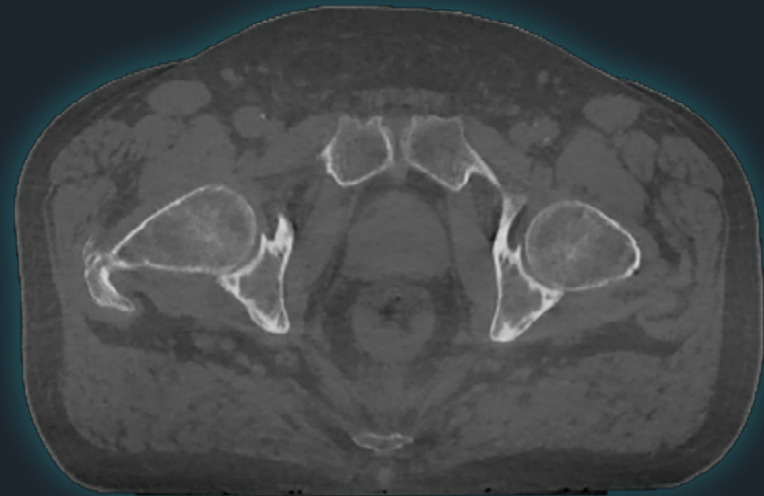
Go further

Exquisite visualization for greater personalization

Discover Iris

Striking high-definition, AI-enhanced imaging that underpins Evo's ability to deliver each and every radiotherapy dose to your patients with exquisite, pinpoint accuracy.

Evo harnesses powerful AI to swiftly enhance image quality, precisely visualizing target areas for every dose to expedite your treatment decision-making and delivery capabilities, all without compromising the patient's experience.



High-definition, AI-enhanced imaging

AI-driven scatter correction and next-generation reconstruction algorithms.

Radically improved contrast

for immediate visualization of target boundaries and nearby healthy tissues.

Synthetic free imaging

Experience improved HU accuracy for more precise treatment planning and adaptation.

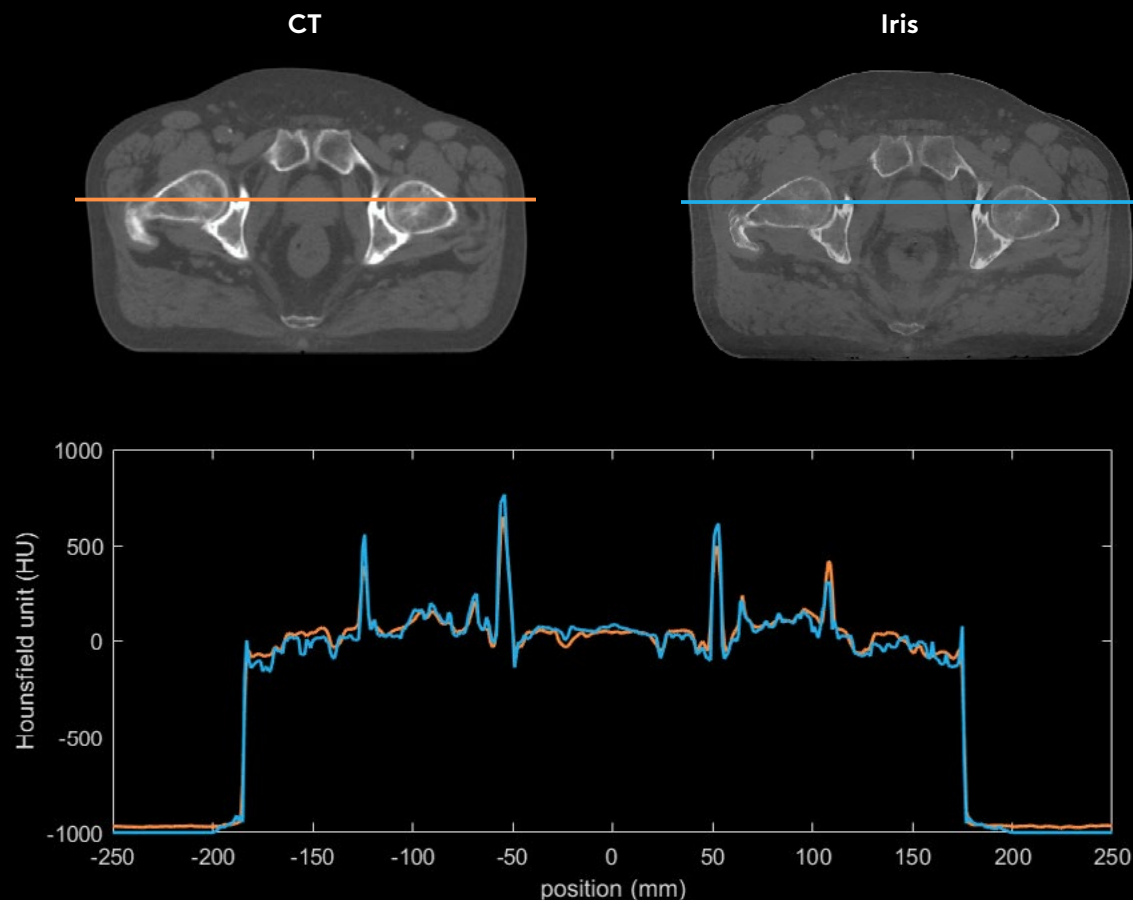


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Iris unlocks online adaptive treatments

With a next-generation reconstruction algorithm, Iris uses **Polyquant CT** reconstruction and AI scatter correction models. Polyquant CT is an algorithm used in computed tomography (CT) imaging to determine material mass and electron density for radiation therapy planning.



Data-centric approach

It employs a data-centric approach by fitting attenuation directly to mass or electron density using piecewise-linear functions, avoiding the need for detailed prior segmentation.

Improved accuracy

The algorithm leads to higher accuracy in attenuation modeling compared to other methods, ensuring more precise quantitative imaging results.

AI scatter correction models

Set of anatomical region-specific algorithms for improved:

- Anatomical structure visibility
- Image uniformity
- Scatter removal
- Noise reduction

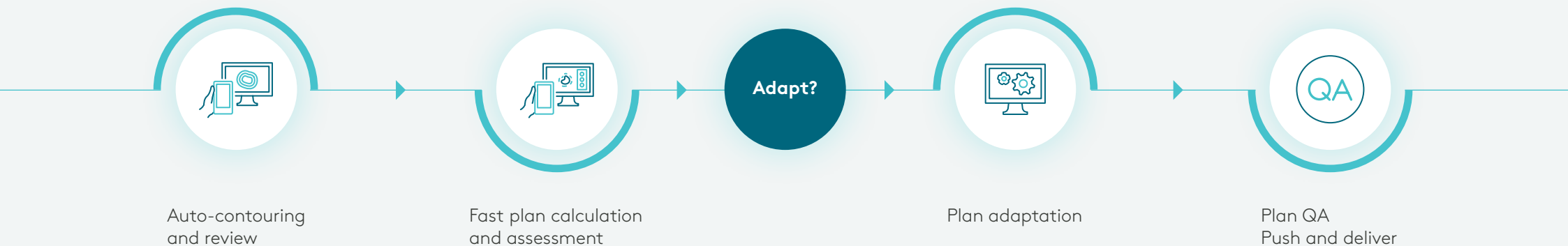
J.H. Mason, (2018). Quantitative cone-beam computed tomography reconstruction for radiotherapy planning [Doctoral thesis, The University of Edinburgh]. Edinburgh Research Archive. <https://era.ed.ac.uk/handle/1842/33193>

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Revolutionizing workflow automation with Elekta ONE | Online, enabled by Iris

Seamlessly switch to online adaptive radiotherapy when you decide it's needed and gain access access to our latest workflows and innovations enabling you to develop your practice on your terms and at your own pace.



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Accelerated high-precision adaptive workflow

Precision, automation and speed

Evo's AI-enhanced imaging, in combination with online and offline adaptive capabilities, enables you to adapt and deliver highly personalized care to your patients in every single treatment session

Experience seamless efficiency with zero-click contouring and dose QA, one-click patient selection, and single sign-on for streamlined workflows. Benefit from enhanced integration and automation that simplifies processes and boosts productivity

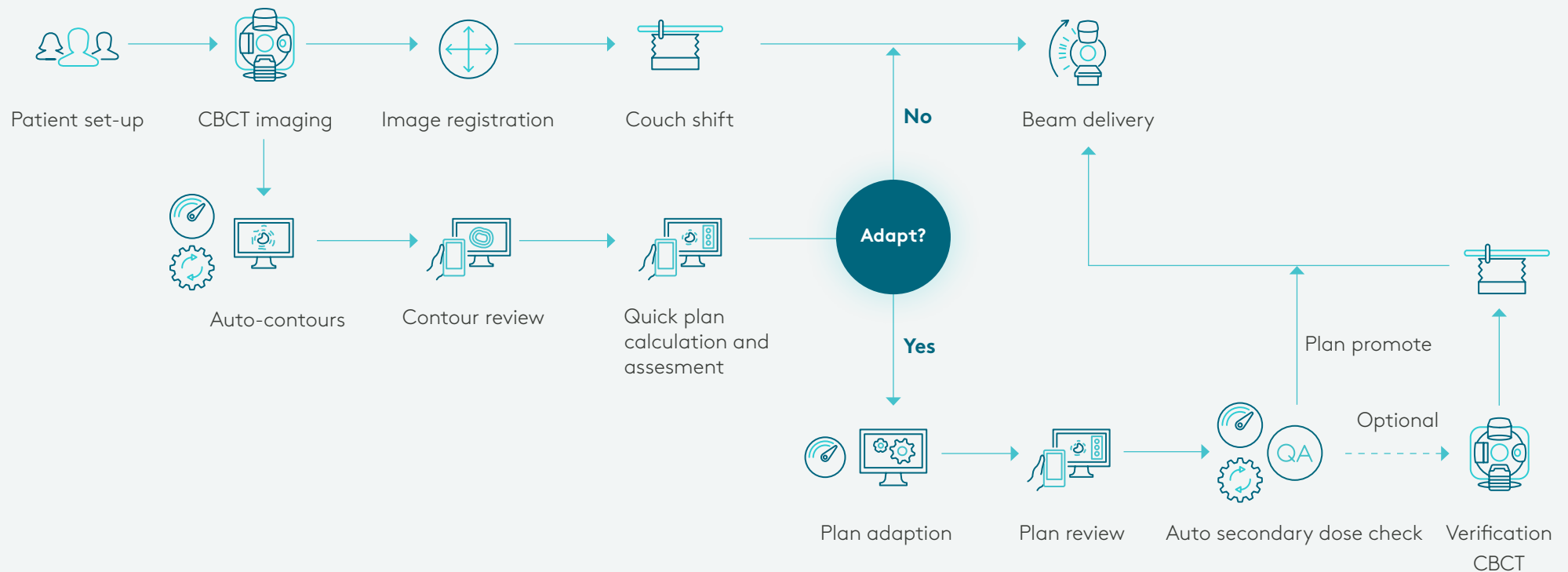
Achieve unparalleled speed with parallel tasks and GPU-based contouring and dose calculation, ensuring efficient and rapid processing

Enhance flexibility and precision with AI-based decision support and remote access, providing you with the tools needed for accurate and adaptable solutions

Experience seamless efficiency with Evo's adaptive workflow

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Evo's complete online and offline adaptive toolkit



AI auto-contouring

True zero-click auto-contouring



Plan assessment

Data available for each fraction



Adaptive treatment planning

Seamlessly switch to online adaptive when you decide it's needed



Remote access

Easy and convenient way to review contouring and adapted plans



Automated QA

Seamless workflow integration to push and deliver



Enabled by Iris

High-definition, AI-enhanced imaging

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In it together

By choosing Elekta Evo, you gain access to our unified software experience and exclusive dedicated support

Elekta ONE provides the latest innovation in oncology software as an essential part of your Evo, bringing together the best solutions to elevate user experience with uncompromised treatment quality.

With full support from Elekta you can get started at your own pace, maximise clinical availability and amplify your success with Evo and Elekta Care by your side.

Choose your level of support from our comprehensive, data-driven service offering based on your individual needs for clinical uptime, education and training, cost control and more.

With **clinical go-live** support and dedicated Elekta Care 360 physicists available for implementation you can **treat your first patients sooner.**



Elekta IntelliMax®

Continuous AI system monitoring enables predictive maintenance and proactive service radiation therapy planning



Elekta Care support centers

Bring human expertise and experience to your local area all around the world



Ultimate protection

Total control of lifecycle costs for the lifetime of your system with Elekta Care Platinum



98% uptime guarantee*

By combining digital insights and artificial intelligence with human expertise we can promise our highest uptime guarantee for your Elekta Evo

*Available with an Elekta Care Platinum service contract

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Iris high-definition AI-enhanced imaging

Deliver each and every fraction to your patients with exquisite, pinpoint accuracy

Powered by Elekta ONE

The Elekta ONE advanced platform serves as the foundation for Elekta's seamlessly connected oncology-specific workflows

Full adaptive toolkit

Seamlessly switch to online adaptive radiotherapy when you decide it's needed

Multiple energies

Utilize various photon and electron energies for optimal treatment planning

Remote access

Accessible from anywhere, clinicians can review and approve daily adapted plans

4D Image Guidance

Capture advanced 4D imaging during every phase of the respiratory cycle to establish average tumor position and monitor motion during treatment

Intellibeam

Treat more patient-faster-in single arcs, with flexible dynamic control points



Beam matching

Connect Evo to your existing Elekta Linac fleet to minimize downtime and ensure departmental efficiency

QA and treatment lighting modes

Improve patient experience and optimize QA functionality with the introduction of moonlight mode and ensure departmental efficiency

Multiple techniques

Capabilities for any treatment technique-3D, IMRT, VMAT, DCAT, SBRT- allows every treatment to be personalized for your patients and ensure departmental efficiency

Elekta IntelliMax

Avoid unplanned downtime by connecting to Elekta IntelliMax for proactive and predictive maintenance and ensure departmental efficiency

Non-coplanar delivery with 6D Couch precision

Confidently evolve your stereotactic practice with 6DoF capabilities and millimetre end-to-end accuracy and ensure departmental efficiency

QA

A comprehensive end-to-end QA offering to verify the accuracy of the treatment delivery during the treatment fraction



Hope for everyone
dealing with cancer.

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