

PRESS RELEASE

iViewGT™ portal imaging system from Elekta gains 510(k) clearance from US Food and Drug Administration

Stockholm 31 August 2001

iView™ Guided Therapy (iViewGT™) brings a new degree of flexibility and confidence to image guided therapy and IMRT through high-resolution, high-contrast images, which enables faster verification of dose conformance.

The driving force in radiotherapy continues to be improved clinical outcomes, greater cost efficiency, and increased revenue. To achieve these goals along with improved accuracy of delivery, faster treatment cycle times and lower cost of ownership are a pre-requisite. As conformal techniques progress to full dynamic intensity modulation the assurance of accurate target localization is more vital than ever.

"With iViewGT™ superb quality images are available within a fraction of a second, paving the way for image guided and conformal therapies, stated Peter Gaccione, Vice President, Oncology for Elekta. "This provides accurate target localization throughout the treatment course, which combined with increased delivery accuracy, opens up the opportunity for improved clinical outcomes for all disease sites."

Clinical studies¹² at the University Medical Center (UMC), Utrecht, The Netherlands have already shown the feasibility of marker guided position verification to improve conformal delivery to the prostate by avoiding errors from set-up and organ motion. "Sophisticated techniques like IMRT highlight the importance of target verification, if the dose is being increased knowing the exact target location is essential to avoid dose to healthy tissue" stated Aart Nederveen from UMC. "Using marker guided position verification has enabled us to increase the dose level to 76 Gy for our prostate treatments."

iViewGT™ provides the largest field of view accommodating all major clinical techniques in a single image. The solid-state detector delivers excellent image quality and clear anatomical definition while the rapid, low noise image acquisition allows real-time modification of set-up prior to treatment delivery.

iViewGT™ is part of Elekta's PreciseNET philosophy that enables open connectivity between Elekta systems and other manufacturers. PreciseNET enables seamless data transfer between systems to enable efficient implementation of advanced techniques such as IMRT. iViewGT™ forms an integral part of Elekta's complete, integrated IMRT solution with Elekta's fully digital Precise Treatment System™, comprising Desktop control system, Precise Table and integrated MLC. The full process is completed by PreciseSIM® and connection to any DICOM compatible treatment planning system, such as Elekta's exclusive ePinnaclePRO. Together with strategic business partners Marconi Medical Systems, Nucletron, MDS Nordion and ADAC, Elekta provides the most complete set of "best in class" clinical solutions in the medical industry.

¹A.J. Nederveen, J.J.W. Lagendijk, and P. Hofman.
Feasibility of automatic marker detection with an a-Si flat-panel imager.
Phys. Med.Biol. 2001; 46(4) 1219-30,

²A.J. Nederveen, J.J.W. Lagendijk and P. Hofman.
Detection of fiducial gold markers for automatic on-line megavoltage position verification using a marker extraction kernel (MEK).
Int.J.Radiat. Oncol. Biol. Phys. 2000;47 (5) 1435-1442.

ELEKTA is the world's 2nd largest supplier of radiation oncology and radiosurgery solutions for precise radiotherapy and neurosurgery. Elekta Precise Solutions includes a comprehensive range of non-invasive cancer care and minimally invasive neurosurgery systems including radiosurgery and stereotaxy, backed by a global network of clinical, technical and financial support services.

Elekta has been a pioneer in Radiation products for over 45 years. We are the undisputed technology leader, and the fastest growing provider of Oncology equipment in the world. Elekta products are

accurate, easy to use, reliable, easy to service, enable you to treat the widest range of clinical indications, and deliver the highest ROI in the industry. Elekta products are designed to meet your clinical needs and secure your investment through a continual upgrade program that guarantees you will remain at the forefront of your field. With Elekta as your partner you will never be left behind clinically, technically, or financially.

For further information on ELEKTA In North America please contact:

Tim Prosser
Elekta Oncology Systems Inc.
3155 Northwoods Parkway
Norcross
GA 30071-1539
United States of America
Tel: +1 770 300 9725
Fax: +1 770 448 6338
timothy.prosser@elekta.com

For further information on ELEKTA In Europe and Asia please contact:

Andrew Davies
Elekta Oncology Systems Ltd.
Fleming Way
Crawley
West Sussex
RH10 2RR
United Kingdom
Tel: +44 (0) 1293 654660
Fax: +44 (0) 1293 654118
andrew.davies@elekta.com