

## The power of 'seeing what you treat' with Elekta Unity reported in 71 abstracts at ESTRO 2022

STOCKHOLM – Elekta (EKTA-B.ST) today announced that Elekta Unity clinical users worldwide presented 71 new abstracts highlighting the high-field magnetic resonance radiation therapy (MR/RT) system's unique capabilities for treating cancer. The abstracts on the use of Elekta Unity were reported at the European Society for Radiotherapy and Oncology (ESTRO) annual meeting, May 6-10 in Copenhagen, Denmark.

Cleared for commercial use in 2018, Elekta Unity is a ground-breaking cancer treatment modality that unites an advanced linear accelerator with state-of-the-art MRI technology on a single platform – thus enabling clinicians to visualize tumors during the treatment. The system is the world's first and only high-field MR-Linac.

"It is enormously gratifying to see our clinical partners report on such promising outcomes on a wide variety of cancer types," said Lionel Hadjadjeba, President Linac Solutions at Elekta. "The latest update from the [MOMENTUM](#) study reported outcomes on over 40 different disease sites in 1,800 patients. Jasmijn Westerhoff, presented her team's paper where a subset of these patients (more than 1,000) had Unity's full online adaptive personalized treatment and less than a half a percent of them reported any grade 3 toxicities and there were no severe toxicities. We could not be happier with these results."

Kevin Brown, Distinguished Scientist at Elekta, singled out an abstract presented by Mathilde Ejlsmark, from Odense University Hospital in Denmark that reported on a phase II study evaluating the efficacy and side effects of high dose SBRT for locally advanced pancreas cancer. "In this study, researchers from Denmark reported on the feasibility of treating pancreas cancer patients to a dose that is nearly double what is typically used for this treatment resistant tumor type. While there were some severe side-effects in patients who were treated with only CBCT-guidance, there were none in the patients treated on the Elekta Unity. I take this as more evidence that, indeed, seeing what you treat, matters," said Mr. Brown.

Another abstract highlighted by Mr. Brown compared the dosimetry and toxicity between CBCT-guided and MR-guided radiation for prostate cancer. "In this study, Vickie Kong, and her team from Princess Margaret Cancer Centre in Canada, demonstrated how MR-guided adaptation resulted in more favorable protection of the rectal tissues adjacent to the prostate. As one might expect, acute GI toxicity was reported in 8 percent of patients treated with CBCT-guidance and 0 percent with MR-guidance. These reassuring results gives our user community hope that MR-guidance will enable them to push hypofractionation even further in the care of prostate cancer, making treatments even more cost-effective than they already are."

Lionel Hadjadjeba added: "With these latest abstracts presented at ESTRO, our users add to a growing mountain of evidence supporting Unity's clinical value. Elekta Unity's community leads all others in clinical research of MR-guided radiation therapy, now with over 650 abstracts and more than 450 peer reviewed articles. We believe that 'seeing what you treat' matters, and Elekta Unity lets clinicians see more."

To learn more about Elekta Unity, visit <https://www.elekta.com/products/radiation-therapy/unity/>.



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*\*Elekta Unity has CE mark and 510(k) clearance but is not available in all markets.*

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**About Elekta**

As a leader in precision radiation therapy, Elekta is committed to ensuring every patient has access to the best cancer care possible. We openly collaborate with customers to advance sustainable, outcome-driven and cost-efficient solutions to meet evolving patient needs, improve lives and bring hope to everyone dealing with cancer. To us, it's personal, and our global team of 4,700 employees combine passion, science, and imagination to profoundly change cancer care. We don't just build technology, we build hope. Elekta is headquartered in Stockholm, Sweden, with offices in more than 120 countries and listed on Nasdaq Stockholm. For more information, visit [elekta.com](http://elekta.com) or follow [@Elekta](https://twitter.com/Elekta) on Twitter.