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Japan approves use of Elekta Unity MRI therapy system

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Elekta Unity MR-linac receives regulatory approval From Japanese Ministry of Health, Labour and Welfare



Elekta (EKTA-B.ST) has announced that its Elekta Unity magnetic resonance radiation therapy system has been approved for clinical use in Japan.

Elekta Unity combines two technologies: a state-of-the-art 1.5T MRI scanner and a best-in-class 7 MV linear accelerator, driven by breakthrough real-time adaptive radiotherapy software. It provides the ability to reshape the dose based on daily changes in shape, size and position of the tumor and surrounding healthy anatomy, as visualized with MRI, and then enables accurate dose delivery with real-time visualization of the tumor.

"With the introduction of Unity, hospitals and clinicians in Japan now have access to unsurpassed precision radiation medicine," said Charles Schanen, President of Elekta K.K. (Japan). "More importantly, we anticipate this innovative technology to improve the outcomes for the more than one million people diagnosed with cancer in Japan."