Mirada Medical showcases DLCExpert™, the first FDA-cleared Artificial Intelligence (AI) software for Contouring in Radiation Oncology, at ASTRO 2018

Oxford (UK), 17th October 2018 – Mirada Medical, a leading global brand in medical imaging software, will be showcasing DLCExpert™ at the American Society for Radiation Oncology (ASTRO) 2018 Annual Meeting. The product, which has received FDA 510(k) clearance in the USA, is the world's first AI-powered autocontouring solution. The software is already in use in multiple academic medical centers worldwide.

DLCExpert automatically generates contours that users often find indistinguishable from those drawn by clinical experts. DLCExpert has been shown to bring previously unseen quality and consistency to the task of contouring critical structures for radiation treatment planning.

DLCExpert received CE Marking for the European market earlier this year. Medical institutions across Europe are currently commissioning the product to exploit the significant benefits that AI brings to their contouring workflow.

Andre Dekker, Professor of Clinical Data Science, Department of Radiation Oncology at the Maastro Clinic in Maastricht, The Netherlands, states, "The contours generated by DLCExpert are the closest to clinically acceptable contours we've seen from any autocontouring system we have evaluated. For some organs, our clinicians found it very hard to distinguish between their own contours and those that were automatically generated".

US regulatory clearance for DLCExpert was granted as part of the FDA 510(k) for Workflow Box™ 2.0, Mirada's Zero-Click™ automation platform. DLCExpert is available as an option, along with five additional Zero-Click workflows, including multi-modal autocontouring, routing of data, and support for the integration of custom applications.

Hugh Bettesworth, Chief Executive at Mirada Medical adds, "We are proud to be the first company to offer AI-based autocontouring for cancer treatment planning. This innovation will support clinical users in saving time while delivering more consistent contours to the treatment planning process".

About Mirada Medical

Mirada Medical is a leading international brand in medical imaging. The company develops advanced technology applications that help healthcare professionals use medical images more effectively and efficiently to improve cancer care. Mirada's products are used across diagnostic radiology, molecular imaging, radiation oncology, medical oncology, tumor board and elsewhere.
The company specializes in simplifying technically complex image processing tasks, allowing clinicians to more confidently diagnose disease, assess response to treatment, and plan radiation therapy or surgical intervention. Mirada's advanced technology products are available throughout the world under its own brand, and on an OEM basis through a select number of the world's leading healthcare companies.

Mirada Medical, DLCExpert, Workflow Box and Zero-Click Contouring are trademarks of Mirada Medical Ltd.

To learn more about Mirada Medical, please visit: www.mirada-medical.com

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