RefleXion Highlights New Cancer Treatment Research Abstracts for Presentation at ASTRO 2022

Company announces SCINTIX as new product name for its flagship biology-guided radiotherapy technology

HAYWARD, Calif., Oct. 20, 2022 – RefleXion® Medical, a therapeutic oncology company pioneering biology-guided radiotherapy* (BgRT) as a new modality for treating all stages of cancer, today announced eight clinical abstracts evaluating the potential use and utility of its novel technology were accepted for presentation during the American Society for Radiation Oncology (ASTRO) 2022 Annual Meeting, Oct. 23-26, in San Antonio. Additionally, ASTRO will serve as the setting for introducing SCINTIX™ as the new product name for RefleXion's flagship BgRT technology and treatment, provided only through the company's X1 platform.

"We are so pleased to once again have multiple posters and presentations highlighting the potential for our innovative SCINTIX technology in 21st-century radiation oncology practice," said Shervin 'Sean' Shirvani, M.D., M.P.H, chief medical officer at RefleXion. "This body of work highlights the advanced conventional capabilities of the X1 and reveals key future possibilities for SCINTIX technology in which each tumor's unique biology guides its own treatment."

The following presentations taking place during ASTRO 2022 evaluate the RefleXion X1 machine with SCINTIX technology:

Sunday, Oct 23: Poster Q&A 1 – Lung Cancer and DEIH (Exhibit Hall 1)

- **4:45 PM 2907 "Characterizing Metastatic Non-Small Cell Lung Cancer Presenting to an Academic Medical Center in an Era of Changing Treatment Paradigms."**

Monday, Oct 24: Quick Pitch 04 – Radiation and Cancer Physics (Room 304)

- **8:05 AM 1018 "Combined Biology-Guided Radiotherapy and Lutetium PSMA Treatment in Metastatic Prostate Cancer."**
- **8:10 AM 1020 "BgRT Motion Management Maintains Target Dose Coverage for Respiratory and Non-Respiratory Motion."**

Tuesday, Oct 25: Poster Q&A 7 – Hematologic Malignancies and Digital Health Informatics (Exhibit Hall 1)

- **4:00 PM 2283 "Repeatability and Reproducibility of Radiomic Features Produced over Time by the Fan-Beam kV-CT on a Novel Ring Gantry-Based PET/CT Linear Accelerator."**

Wednesday, Oct. 26, 12:30 PM: Poster Q&A 10 – Physics (Exhibit Hall 1)

- **3234 "Robustness of Biology-Guided Radiotherapy Delivery to PET Biodistribution Changes within Target."**

- **3301 “IMRT and SBRT Treatment Planning Study for the First Clinical Biology-Guided Radiotherapy System.**
- **3326 “Systematic Study of Patient-Specific Organs at Risk Auto-Segmentation on Daily kVCT Images for Adaptive Head and Neck Radiotherapy.”**
- **3331 “Feasibility and Dosimetric Benefits of Adaptive Planning in Prostate Cancer Radiotherapy Using a Novel Treatment Planning Machine with Integrated Dual kVCT/PET Imaging Systems.”**

The company will showcase technology from the RefleXion® X1 machine in its booth, #3745, including live demonstrations of its breakthrough tracking technology that uses radiotracers as biological guides, and the SCINTIX treatment planning workflow.

About RefleXion Medical
RefleXion is a privately-held therapeutic oncology company developing SCINTIX biology-guided radiotherapy, which brings the potential to move beyond single tumor therapy to one day treating multiple metastatic tumors throughout the body in the same treatment session. SCINTIX radiotherapy incorporates positron-emission tomography (PET) data to enable tumors to continuously signal their location. SCINTIX technology will synchronize these data with the linear accelerator to direct radiotherapy to tumors with sub-second latency. The RefleXion X1 machine is cleared for the delivery of stereotactic body radiotherapy (SBRT), stereotactic radiosurgery (SRS) and intensity modulated radiotherapy (IMRT).

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*****The RefleXion® X1 is cleared for SBRT/SRS/IMRT treatments. SCINTIX™ biology-guided radiotherapy is limited by U.S. law to investigational use.

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