



## MRIdian Clinical Studies and Initial MRIdian A3i Clinical Experience to be Highlighted at ASTRO 2022

October 19, 2022

*Clinical outcome oral presentations on SMART Pancreas and MIRAGE prostate studies*

DENVER, Oct. 19, 2022 /PRNewswire/ -- ViewRay, Inc. (NASDAQ: VRAY) today announced that the company's MRIdian® MRI-Guided Radiation Therapy System will be featured at the 64th Annual Meeting of the American Society for Radiation Oncology (ASTRO), being held October 23-26, 2022, at the Henry B. González Convention Center in San Antonio, Texas. The meeting will feature numerous presentations and posters highlighting MRIdian's cutting-edge Stereotactic MRI-guided Adaptive Radiation Therapy (SMART) technology, including oral presentations providing results of the multi-center SMART Pancreas study and MIRAGE, a Phase III randomized controlled prostate trial. In addition, initial clinical experience using MRIdian A3i will be highlighted during the conference.

On Tuesday, October 25, 2022, at 3:00 p.m. CT, Dr. Parag Parikh from Henry Ford Health System will provide an oral presentation titled "*Stereotactic MR-Guided On-Table Adaptive Therapy (SMART) for Patients with Borderline or Locally Advanced Pancreatic Cancer: Primary Endpoint Outcomes of a Prospective Phase II Multi-Center International Trial.*" The SMART study (NCT03621644) is a prospective clinical study exploring the clinical benefits of ablative MR-guided radiation therapy in the treatment of borderline resectable or inoperable locally advanced pancreatic cancer.

On Wednesday, October 26, 2022, at 11:00 a.m. CT, Dr. Amar Kishan from UCLA will provide an oral presentation titled "*Magnetic Resonance Imaging-Guided vs. Computed Tomography-Guided Stereotactic Body Radiotherapy for Prostate Cancer (MIRAGE): Primary Endpoint Analysis of a Phase III Randomized Trial.*" This clinical study compared MRIdian MRI-guided SBRT vs. CT-guided SBRT for localized prostate cancer. At ASCO GU 2022, Dr. Kishan reported the interim findings and analysis of the primary endpoint that signaled superiority of MRIdian MRI-guided SBRT compared to CT-guided SBRT. During this presentation, he will be presenting the final results of acute GU and GI toxicity.

In addition, there will be dozens of scientific session presentations and posters highlighting the important role of MRIdian in cancer care treatment, including data supporting its clinical value in the treatment of cancers including pancreas, prostate, bladder, liver, kidney, and lung including ultra-central lung lesions, as well as oligometastatic disease. There will also be presentations focused on MRIdian's benefits in delivering reirradiation and on-table adaptive therapy.

On Monday, October 24, 2022, at 4:00 p.m. CT, ViewRay will host an Industry Expert Theater titled "*MRIdian A3i – Newest Innovation of MRgRT for Prostate, Pancreas, and Brain*" featuring experts from Henry Ford Health System and Miami Cancer Institute sharing their initial clinical experience treating patients with MRIdian A3i.

The new MRIdian A3i features enable clinicians to collaborate simultaneously and connect remotely during patient treatment. The new automated workflow steps and contouring tools are designed to minimize clinician time and increase patient throughput. MRIdian A3i also expands existing real-time tissue tracking and automated beam gating functionalities to include multiplanar, 3D tracking and gating in up to three planes.

On Sunday night, October 23, 2022, at 6:30 p.m. CT, ViewRay will host an evening reception with special guest and cancer advocate Katie Couric, as part of ViewRay's previously announced national awareness campaign and partnership with Katie Couric Media to educate patients and clinicians about MRIdian SMART. Couric will moderate a discussion with ViewRay's CEO, Scott Drake, and radiation oncologists treating patients on MRIdian.

ViewRay will also host customer presentations throughout the conference in the company's booth #3770, where customers will highlight their clinical experience treating patients on MRIdian.

MRIdian provides radiation oncologists outstanding anatomical visualization through diagnostic-quality MR images and the ability to adapt a radiation therapy plan to the targeted cancer with the patient on the table. This combination allows physicians to define tight treatment margins to avoid unnecessary radiation exposure of vulnerable organs-at-risk and healthy tissue and allows the delivery of ablative radiation doses in five or fewer treatment sessions, without relying on implanted markers. By providing real-time continuous tracking of the target and organs-at-risk, MRIdian enables automatic gating of the radiation beam if the target moves outside the user-defined margins. This allows for delivery of the prescribed dose to the target, while sparing surrounding healthy tissue and critical structures, which results in minimizing toxicities typically associated with conventional radiation therapy.

To date, over 25,000 patients have been treated with MRIdian. Currently, 54 MRIdian systems are installed at hospitals around the world where they are used to treat a wide variety of solid tumors and are the focus of numerous ongoing research efforts. MRIdian has been the subject of hundreds of peer-reviewed publications, scientific meeting abstracts, and presentations. For a list of treatment centers, please visit: <https://viewray.com/find-mridian-mri-guided-radiation-therapy/>

### Disclaimer:

Nothing in this material is intended to provide specific medical advice or to take the place of written law or regulations.

### Safety Statement

The MRIdian Linac System is not appropriate for all patients, including those who are not candidates for magnetic resonance imaging. Radiation treatments may cause side effects that can vary depending on the part of the body being treated. The most frequent ones are typically temporary and

may include, but are not limited to, irritation to the respiratory, digestive, urinary, or reproductive systems; fatigue; nausea; skin irritation; and hair loss. In some patients, side effects can be severe. Treatment sessions may vary in complexity and duration. Radiation treatment is not appropriate for all cancers. You should discuss the potential for side effects and their severity as well as the benefits of radiation and magnetic resonance imaging with your doctor to make sure radiation treatment is right for you.

## About ViewRay

ViewRay, Inc. (Nasdaq: VRAY), designs, manufactures, and markets the MRIdian® MRI-Guided Radiation Therapy System. MRIdian is built upon a proprietary high-definition MR imaging system designed from the ground up to address the unique challenges and clinical workflow for advanced radiation oncology. Unlike MR systems used in diagnostic radiology, MRIdian's high-definition MR was purpose-built to address specific challenges, including beam distortion, skin toxicity, and other concerns that potentially may arise when high magnetic fields interact with radiation beams. ViewRay and MRIdian are registered trademarks of ViewRay, Inc.

## Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Private Securities Litigation Reform Act. Statements in this press release that are not purely historical are forward-looking statements. Such forward-looking statements include, among other things, ViewRay's financial guidance for the full year 2022, anticipated future orders, anticipated future operating and financial performance, treatment results, therapy adoption, innovation, and the performance of the MRIdian systems. Actual results could differ from those projected in any forward-looking statements due to numerous factors. Such factors include, among others, the ability to commercialize the MRIdian Linac System, demand for ViewRay's products, the ability to convert backlog into revenue, the timing of delivery of ViewRay's products, the timing, length, and severity of the COVID-19 pandemic, including its impacts across our businesses on demand, our operations and global supply chains, the results and other uncertainties associated with clinical trials, the ability to raise the additional funding needed to continue to pursue ViewRay's business and product development plans, the inherent uncertainties associated with developing new products or technologies, competition in the industry in which ViewRay operates, and overall market conditions. For a further description of the risks and uncertainties that could cause actual results to differ from those expressed in these forward-looking statements, as well as risks relating to ViewRay's business in general, see ViewRay's current and future reports filed with the Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended December 31, 2021 and its Quarterly Reports on Form 10-Q, as updated periodically with the Company's other filings with the SEC. These forward-looking statements are made as of the date of this press release, and ViewRay assumes no obligation to update the forward-looking statements, or to update the reasons why actual results could differ from those projected in the forward-looking statements, except as required by law.

 View original content: <https://www.prnewswire.com/news-releases/mridian-clinical-studies-and-initial-mridian-a3i-clinical-experience-to-be-highlighted-at-astro-2022-301653162.html>

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Media Enquiries: Samantha Pfeil, Director, Marketing Communications, ViewRay, Inc., [media@viewray.com](mailto:media@viewray.com); Investor Relations: Matthew Harrison, Investor Relations, ViewRay, Inc., [investors@viewray.com](mailto:investors@viewray.com)