PRESS RELEASE

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RAYSEARCH BRINGS DATA-DRIVEN ONCOLOGY TO CANCER CLINICS WORLDWIDE WITH RAYINTELLIGENCE

RaySearch Laboratories AB (publ) announces the launch of RayIntelligence – an advanced new software system designed to enable healthcare providers to generate actionable insights from their real-world data.

Data-driven oncology represents a new era in healthcare by enabling cancer clinics to collect, structure and analyze data, for improved decision making. RayIntelligence is the latest addition to a growing portfolio of advanced software solutions from RaySearch. The aim is to empower cancer clinics to reach new levels of personalization in the care they provide using insights based on real-world data, powerful search capabilities, and pre-generated dashboards for visualization of data sets. RayIntelligence simplifies data integrations and supports analysis of patient and treatment populations, research activities and workflows.

The system has two main components, RayData and RayAnalytics:

RayData is integrated into cancer clinics' IT environments and is responsible for extracting data from the treatment planning system RayStation®. RayData automatically extracts and uploads data to the cloud for further analysis, providing an advanced search query interface, a dashboard for visualizing transferred data and an interface for connecting third-party business intelligence tools.

RayAnalytics is a dedicated cloud-based environment built in the Amazon Web Services (AWS) cloud, responsible for computational transformations and visualizations of the uploaded data. The system features pre-generated dashboards where users can search data and create data sets for clinical trials, research and machine learning.

Data security is a priority in RayIntelligence, and all data is encrypted both in transit and at rest. Users are authenticated with the credentials of the clinic and uploaded data is stored in AWS close to the clinic for low latency and high performance.

Johan Löf, founder and CEO, RaySearch, says: "RaySearch has operated at the cutting edge of technology to advance cancer treatment for 20 years and we are taking another leap forward with the development of a cloud-based data-driven oncology system. I am convinced RayIntelligence will improve the clinics decision making and be an important tool to further advance cancer treatments"

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