Watson Health

Data Sheet

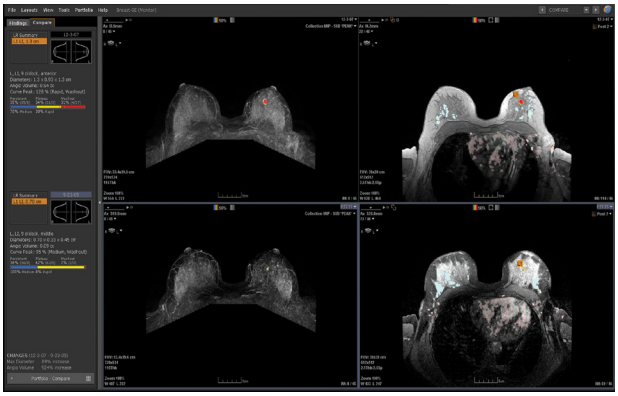
The pioneer solution for breast MRI CAD

Merge CADstream

The need for advanced image analysis to fight breast cancer is increasing the number of MRI exams required so providers can more accurately visualize lesions and evaluate the effectiveness of treatments. These studies are complex, produce a large amount of data and require clinicians' focus and time to be properly interpreted. With an ever-growing number of MRI procedures ordered and images generated per procedure, radiologists' time has become a very scarce resource.

About 1 in 8 U.S. women will develop invasive breast cancer over the course of her lifetime.

Source: Breastcancer.org, 2019



How we can help

Merge CADstream® is the pioneer in breast MRI computer-aided detection (CAD), providing critical assistance to reading physicians by accelerating and simplifying the interpretation of large studies. Powered by state-of-the-art algorithms, Merge CADstream delivers insightful data visualization and segmentation that helps radiologists characterize abnormalities, access prior studies, streamline reporting and ease interventional planning.

Merge CADstream is designed to enhance data visualization, optimize the reading workflow for breast MRI studies and improve communication among caregivers. With Merge CADstream, you can:

Reduce time to decision
Save substantial time and effort with automatic processing of large MRI datasets and a seamless BI-RADS-centric workflow to characterize findings.

Reveal decisive patterns
Easily classify ROIs by reviewing data without patient motion artifacts, and improve confidence in detecting abnormalities with visualization tools such as MIP, angiography map and MPR.

Contextualize findings
Seamlessly access previously processed studies and analysis to gain critical context about the evolution of a patient case.

Improve interventional planning
Increase confidence in biopsy planning with 2D mapping of the location and depth of suspected abnormalities.

About Watson Health Imaging

Watson Health Imaging, a segment of IBM Watson Health, is a leading provider of innovative artificial intelligence, enterprise imaging and interoperability solutions that seek to advance healthcare. Its Merge branded enterprise imaging solutions facilitate the management, sharing and storage of billions of patient medical images.

With solutions that have been used by providers for more than 25 years, Watson Health Imaging is helping to reduce costs, improve efficiencies and enhance the quality of healthcare worldwide.

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IBM Watson Health
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Related Watson Health Solutions

Merge PACS™
Innovative reading workflows for enterprise radiology

IBM Watson Imaging Patient Synopsis
Informing radiologists with deep patient insights