AIR Touch drives consistency and eliminates variation in scan prescription

GE Healthcare introduces AIR Touch™, an intelligent coil localization and selection tool. It enables automatic coil element selection that is unique for each individual patient and anatomical area that is being scanned.

As the bridge between AIR Technology™ Coils and the MR system, AIR Touch™ informs the system when the coil is connected, allows the technologist to landmark the patient with a single touch and even optimizes the element

configuration. Coil coverage, uniformity and parallel imaging acceleration are generated dynamically to optimize image quality. A simplified user interface allows the technologist to focus on the patient and also maximize examination efficiency.

It is adaptable to every patient regardless of anatomy, pathology or patient age. With AIR Touch™, every technologist can get the best possible image for every patient. Ⓢ

Introducing intelligent MR powered by deep learning

Information about the patient and their health are important considerations throughout the care delivery process. From the reason for the exam to the signed radiology report, integrating this information enables the radiologist and referring physician to piece together the puzzle that comprises each patient's injury or disease. But what about the exam? Just as radiologists need information to make the best possible diagnosis, technologists also need information to generate the best possible imaging study.

That's where intelligent MR powered by AI comes in to automate the imaging process. **AI**Rx™‡ is more than AI. It's assisted intelligence for every technologist. It is designed to allow for automated, consistent, fast and patient-specific prescription in neuro exams, and is operator independent. Precise slice placement helps enhance productivity as technologists can improve throughput and reduce retakes. Reduced variability can also help improve radiologists' efficiency and diagnostic confidence in MR exams and easier reading of follow-up scans.
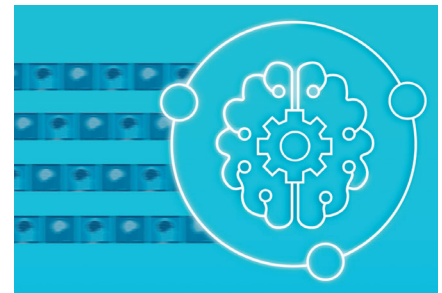
Deep learning algorithms train and rapidly identify anatomical landmarks for simplified setup. Because it incorporates both AI and deep learning, the unique training dataset benefits from transfer learning. **AI**Rx™ is so intelligent that it can help provide consistent results independent of the position of the anatomy being scanned. Ⓢ

‡ Not CE marked. Not available for sale in all regions.