Deep-learning technology reduces image noise to improve diagnostic confidence

Technologist can acquire consistent, high-quality results every time, without worry of having to rescan

Patient spends less time feeling anxious in an MRI and more time living their life

Physician gets clear high-quality images, allowing for a quick and confident diagnosis

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2022

AIR™ RECON DL

How GE's deep-learning technology supports better patient outcomes

GE's groundbreaking deep-learning technology solves a key dilemma—how to make MRI scans faster without sacrificing quality. Since its launch in 2020, AIR™ Recon DL has revolutionized MR imaging for more than 5 million* patients globally by **improving image quality while reducing scan time**, making the process easier on patients who need care and on clinicians who are working harder than ever before. Here's how this GE technology works:

KEY ADVANTAGES

1 ACCESS

AIR™ Recon DL is compatible with the vast majority of GE's 16,000 installed systems worldwide and can be used for all anatomies

2 REDUCED SCAN TIME

By leveraging the raw MR image data, up to 50% reduction in scan time allows for shorter exam times and more patients scanned each day

3 DIAGNOSTIC CONFIDENCE

Deep-learning technology eliminates noise and provides sharper, clearer MR images that are faster and easier to read

4 PATIENT EXPERIENCE

Less time spent in the machine without sacrificing image quality improves overall patient experience

*Estimated from global GE MRI systems with AIR™ Recon DL installed as of November 2022: average of 20 scans per day, 5.5 working days per week