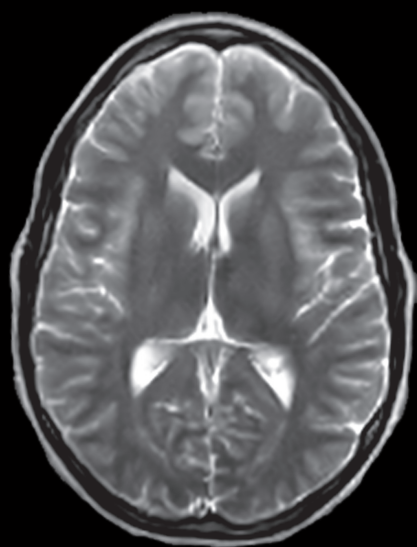
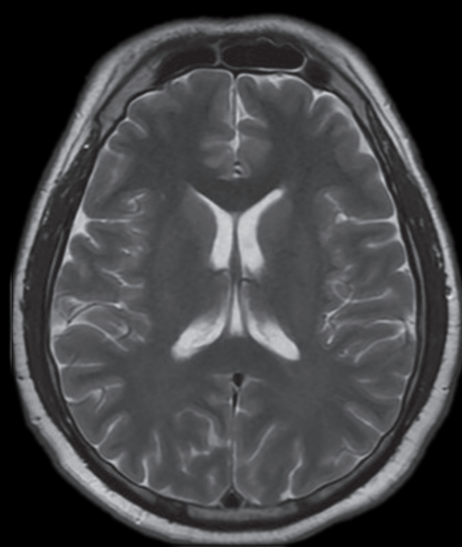


UNLOCKING CLEARER IMAGES AT LOWER FIELD STRENGTH

PORTABLE MRI IS NOW APPROACHING THE
IMAGE QUALITY OF HIGH-FIELD MRI



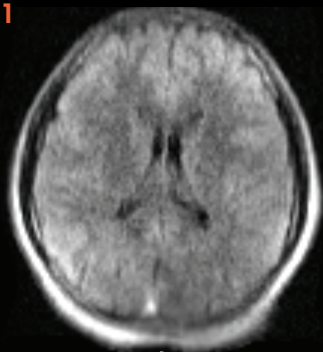
0.064T Swoop® System
Powered by Optive AI™ Software*



1.5T Conventional
MRI System

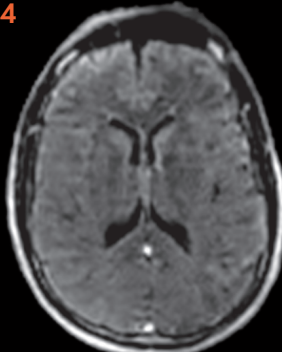
A TRANSFORMATIVE LEAP IN IMAGE QUALITY

2021



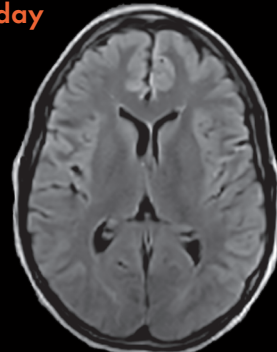
Original Swoop System
With First Commercial Software

2024



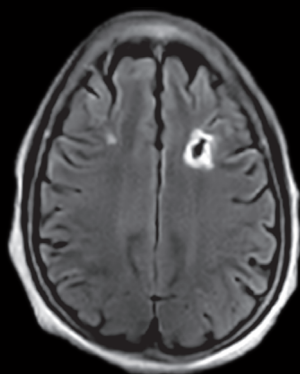
Original Swoop System
With 8.8 Software

Today

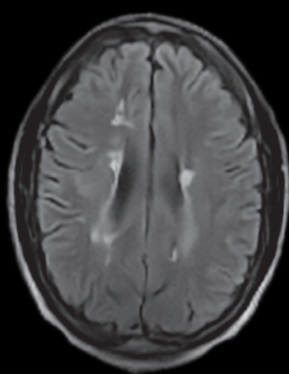


Next-Generation Swoop System
Powered by Optive AI Software*

ENABLING MORE CONFIDENT DIAGNOSIS AT THE POINT OF CARE

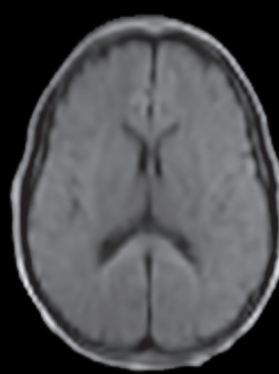


Chronic Infarct
Follow Up

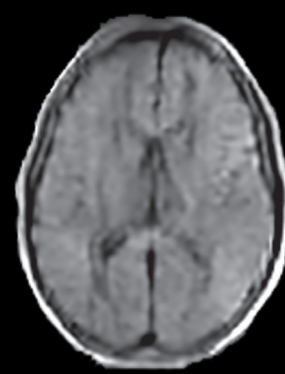


Demyelinating
Disease Follow Up

DWI WITH CONTRAST MORE SIMILAR TO HIGH-FIELD THAN SINGLE-DIRECTION DWI



DWI
(10:00 minutes)



Single-Direction, Fast DWI
(6:00 minutes)

KEY PUBLICATIONS



Stroke Detection | *Stroke: Vascular and Interventional Neurology* 2026

In a 95-patient study, portable MRI with multi-direction DWI, detected lesions as small as 2.8mm with 100% accuracy in differentiating stroke versus stroke mimics.



Diagnostic Performance: Portable vs. High-Field MRI | *AAN 2026 Annual Meeting Poster Presentation*

In a head-to-head comparison of 125 patients imaged on the same day with both portable (0.064T) and standard MRI—91% of whom were compared against 3T—pMRI demonstrated high concordance for detecting structural pathologies: 92% on blinded review and 98% with clinical context, while delivering a superior patient experience.



Hypoxic-Ischemic Brain Injury | *Intensive Care Medicine – Paediatric and Neonatal* 2025

Serial bedside imaging over 11 days captured the evolution of hypoxic-ischemic brain injury using T1, T2, FLAIR, and DWI with quantitative ADC. All sequences were validated against pathology confirmed by 3T MRI, with diffusion restriction seen at 24 hours and ADC tracking injury phases throughout.



Multiple Sclerosis Lesion Detection | *Journal of Neuroimaging* 2025

In head-to-head blinded comparison with 3T MRI, portable MRI achieved 100% case-level sensitivity for detecting MS white matter lesions.



ARIA-E Monitoring | *Interim CARE PMR Data Presented at AAIC* 2025

Portable MRI achieved 100% sensitivity for detecting both mild and moderate ARIA-E in Alzheimer's patients on anti-amyloid immunotherapy, enabling point-of-care safety monitoring.



Alzheimer's Disease Brain Morphometry | *Nature Communications* 2024

Portable MRI accurately measured hippocampal atrophy and white matter disease in Alzheimer's patients, with volumes matching 3T MRI ($r = 0.85$) and successfully distinguishing MCI/AD from normal controls ($p < 0.001$).



Intracerebral Hemorrhage Detection | *Stroke* 2023

AI-enhanced portable MRI detected intracerebral hemorrhage with 96.6% sensitivity and 99.3% specificity in acute stroke patients without delays associated with transport to CT or conventional MRI.

HYPERFINE®

Swoop system availability varies by country and region. Check with a Hyperfine representative to learn more.

Indications for Use: The Swoop® Portable MR Imaging® System is a bedside magnetic resonance imaging device for producing images that display the internal structure of the head where full diagnostic examination is not clinically practical. When interpreted by a trained physician, these images provide information that can be useful in determining a diagnosis.

HyperfineMRI.com

LBL-004084-EU (EN) v1 | Hyperfine, the Hyperfine logo, Swoop, and Portable MR Imaging are registered trademarks of Hyperfine. The Swoop logo and Optive AI are trademarks of Hyperfine. ©2026 by HYPERFINE. All rights reserved.

