THE SWOOP® SYSTEM

SWOOP™

AI-POWERED
PORTABLE MRI

THE SWOOP® SYSTEM

BRINGING BRAIN IMAGING TO THE PATIENT

The *Swoop* system is an AI-powered portable MRI system that uses a magnet with a fraction of the field strength found in conventional MRI, so it can be brought to the patient's bedside and used in almost any clinical setting

Powered by OPTIVE AI™

ACTIONABLE IMAGES WHEN AND WHERE YOU NEED THEM

The *Swoop* system provides diagnostic-quality imaging, helping clinicians make timely, informed clinical decisions

OPTIVE AI™

Optive AI software brings advanced, AI-driven image reconstruction to ultra-low-field MRI—unlocking clearer images at lower field strengths

> By reducing noise and blur with deep learning, it enhances image clarity and uniformity to support confident diagnoses at the point of care

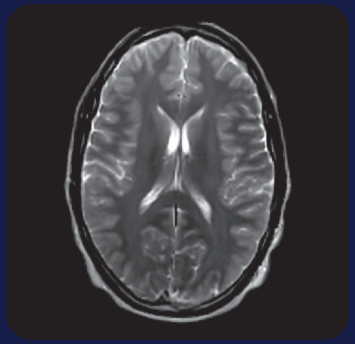
PUTTING AI-POWERED PORTABLE IMAGING IN YOUR HANDS

SWOOP® SYSTEM SEQUENCES

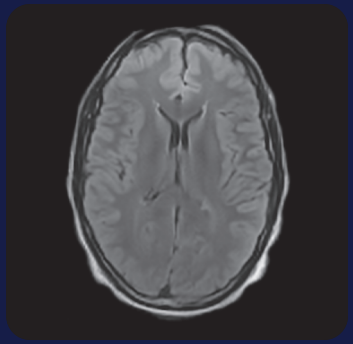
- T1 Standard
- T1 Gray White
- T2
- Fast T2
- FLAIR
- Fast FLAIR
- DWI with ADC
- Fast DWI with ADC

CONTINUOUSLY ADVANCING ULTRA-LOW-FIELD IMAGE QUALITY

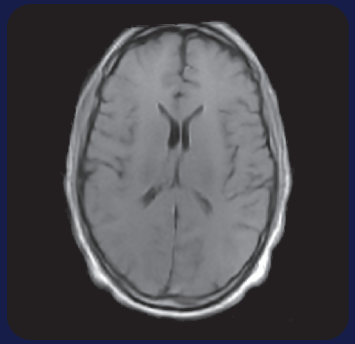
Optive AI software will continue to evolve, delivering progressively better image quality over time



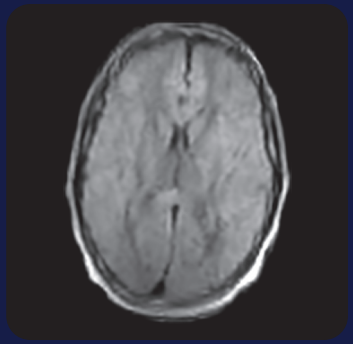
T2



FLAIR



T1 (Standard)



DWI

The T1, T2, and FLAIR sequences are available in the axial, coronal, and sagittal planes

FROM SETUP TO SCAN —SIMPLIFIED EVERY STEP OF THE WAY

ENGINEERED FOR SMOOTH TRANSPORTATION

- Fits through most hospital and clinic doors and elevators
- Ergonomic joystick for swift maneuvering

AND STREAMLINED SET UP

- Plug the retractable cord into a standard wall socket
- Begin scanning within three minutes of plug-in
- No additional shielding requirements

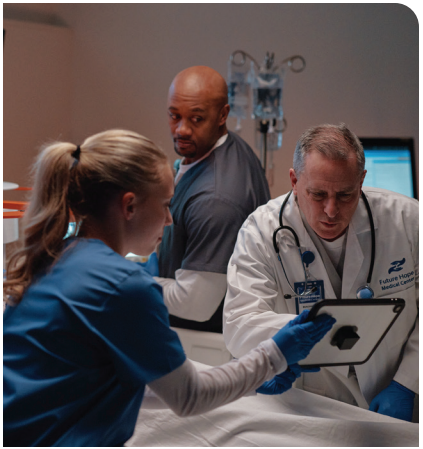
OPTIMIZED FOR THE WAY YOU WORK

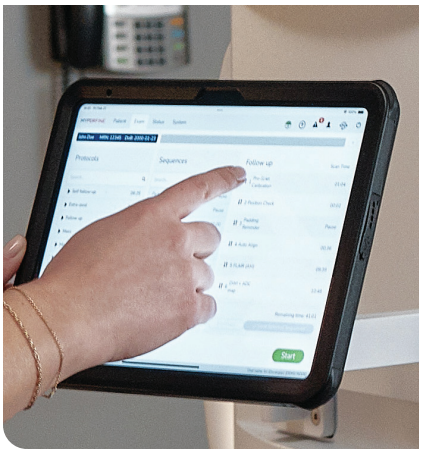
Versatile Viewing: Mounted iPad® mobile digital device is removable for hands-free viewing or on-the-go use

System Integration: *Swoop* system securely connects with hospital systems, receiving exam orders and sending images to PACS

Patient Positioning: Positioning aids help optimize patient stability and comfort

Storage Solution: Drawers hold accessories for convenient, clutter-free storage





DESIGNED FOR STRAIGHTFORWARD SCANNING

Guided Process: Intuitive interface guides users through scanning steps

Broad Usability: User-friendly system can be operated by any trained healthcare professional–does not require an MR technologist*

Precision Positioning Assistance: Advanced software delivers real-time feedback to optimize patient positioning, enhancing image quality and accelerating setup

* Requirements vary by state and institution

PATIENT-FRIENDLY DESIGN

Designed to make imaging safer and less intimidating

OPEN ARCHITECTURE

Generous head coil and patient opening allow easy access for diverse patients

SPACIOUS DESIGN

Head-only configuration minimizes enclosure

QUIETER OPERATION

Substantially quieter than conventional MRI

REAR-ACCESS DOORS

Back doors improve access during patient positioning and treatment

Family and caregivers can stay by the patient's side during the scan

DESIGNED TO REDUCE PATIENT ANXIETY AND ENHANCE COMFORT

NO IONIZING RADIATION

Better option than CT for patients who need repeated imaging, such as children with hydrocephalus

ULTRA-LOW-FIELD MAGNET

Makes imaging possible for more patients

IMAGING WITHOUT THE INFRASTRUCTURE

Eliminates additional shielding requirements, delivering imaging capabilities where conventional MRI is unavailable or impractical

- Convenient in clinics
- Ready when needed in the emergency department
- Accessible in remote locations

ENABLES SAFE, EFFECTIVE IMAGING

Opens up valuable imaging options for patients who are ineligible or poor candidates for high field MRI

NO PROJECTILE RISK

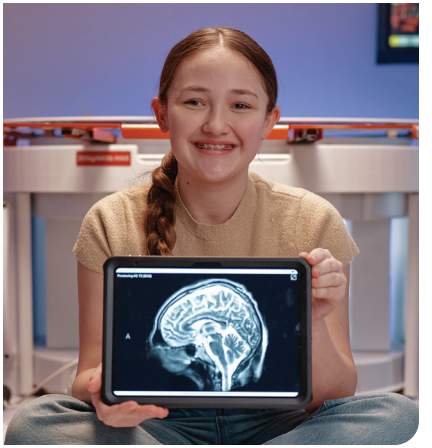
CRITICALLY ILL PATIENTS

Allows patients to stay connected to IV lines, ventilators, and ICU monitoring equipment

Enables valuable imaging for patients who cannot be transported

PATIENTS WITH METAL CONSIDERATIONS

Minimizes metal-induced artifacts, making it an excellent option for patients with braces or certain implants



TOUCH SCREEN CONTROLLER WITH MOVABLE MOUNT

Operated wirelessly via an Apple® iPad® mobile digital device mounted on an articulating arm and fully detachable for flexible use

POWER DRIVE WITH JOYSTICK

Maneuvers easily through crowded spaces and doorways

RETRACTABLE POWER CORD

Features a 15-foot power cord that plugs into a standard electrical outlet and retracts for easy, clutter-free storage

MAGNET AND ELECTRONICS DESIGNED TO MAXIMIZE SIGNAL-TO-NOISE RATIO TO OPTIMIZE IMAGE QUALITY

5 GAUSS GUARD

Clearly delineates the 5 gauss zone with quick expansion and bilateral deployment for storage

RF SHIELD

Partially blocks external electromagnetic interference, eliminating the need for additional shielding while front and rear doors allow easy access

HEAD COIL

8-channel receive/1-channel transmit head coil encased in durable, easy-to-disinfect polycarbonate plastic

PATIENT BRIDGE

Integrated transfer bridge facilitates easy bedside patient loading and folds up for compact storage

PRODUCT FEATURES AND SPECIFICATIONS

Magnet Strength	0.064 tesla
Peak Power	950 watts (compatible with standard outlet)
Dimensions	57 × 32 × 57 in. (H x W x D)
Gauss Guard	67 × 58 in. (H x W)
Imaging Bore Size	13 x 26 in. (max 36.4" at the shoulders)
Weight	Approx. 1,400 lbs
Tablet	11" Apple® iPad®

MORE SUSTAINABLE MR IMAGING REDUCES ENVIRONMENTAL FOOTPRINT

- Low power usage (approximately same as toaster)
- No helium needs

REIMBURSED UNDER EXISTING IMAGE CODES

- MRI brain without contrast: CPT 70551

HYPERFINE®

Indications for Use: The Swoop® Portable MR Imaging® System (V2) is a portable, ultra-low field 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

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