

**ETHAN**  
whole body MRI system

CUTTING-EDGE  
HUMANISTIC  
AFFORDABLE



# ETHAN Provides

ETHAN is Galen's signature 1.5T MRI product for the NEXT Generation.

In addition to basic scans like brain, cardiac, liver, other abdominal organs, pelvis, blood vessels, joints and bones.



**AMT (Auto Mapping Technology)** with our whole-spine coil technology provides a comprehensive whole-spine image within 30 minutes.



Whole Spine T2 2D FSE Sag



Whole Spine T1 SE Cor

MRI is one of the most sensitive imaging tests of the spine in routine clinical practice. A MRI exam of the whole-spine allows physicians to determine the patient condition in much accurate level, consists of vertebral bodies, vertebrae, intervertebral disc, facet joints, and uncovertebral joints.

Ideally suitable for:

- Work-related injury;
- Sports-related injury and
- Elderly back-pains.



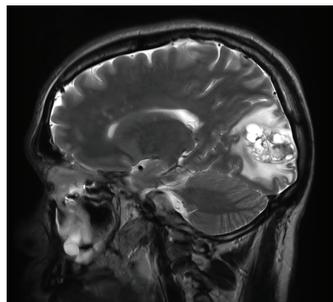
## Brain scan with ETHAN

Using Galen's technology, ETHAN delivers higher image quality, faster speed imaging for better applications performance at affordable operation cost. DICOM images can be downloaded at <https://www.galenmri.com/ethan-dicom-images>.

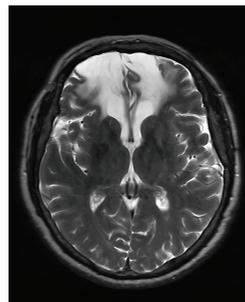
Witness the ETHAN's clarity and understand future MRI



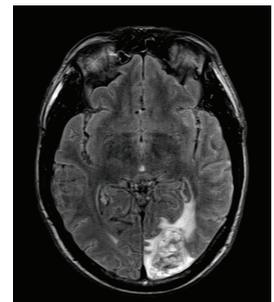
Pituitary T1 MP-RAGE Sag



Brain T2 2D FSE Sag



T2 2D FSE Ax



Brain T2 2D FLAIR Ax

# Features and Benefits



## A.I. and machine learning

Equips with AI in scanning and in initial report-generation plus Machine Learning feature to facilitate operation efficiency.



## ETHAN-Cloud

ETHAN-cloud offers easy read and diagnose everywhere. It helps educational, training and research needs.



## Higher Patient Throughput

Strong gradient, fast slew rate and dedicated whole - spine coil hence fast processing and high patient throughput.



## Strong Gradient

Gradient strength: 44mT/m<sup>1</sup>

Slew rate: 275T/m/s<sup>2</sup>

It helps the system reaches new level in productivity, reliability and patient comfort



## Noise Reduction

By using state-of-the-art acoustic noise reduction technique for improved patient comfort.



## Zero Boil-Off Magnet

Zero helium lost, without the need for a regular refill of liquid helium.



## Standard scan with ETHAN



C-Spine T2 2D FSE Sag



L-Spine T2 2D FSE Sag



Wrist T2 2D FSE Cor



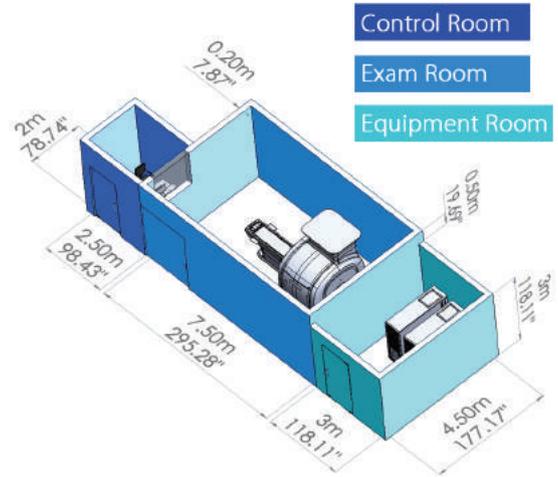
Knee T2 2D FSE Sag

Accompanying Galen's MRI systems are a wide range of clinical receiver coils. These are tailored specifically to provide excellent image quality for all the anatomical regions of the body.

1. Standard Amplitude 33mT/m (Upgradable to 44mT/m)  
2. Standard Slew Rate 120T/m/s (Upgradable to 275T/m/s)

Disclaimer: ETHAN MRI System availability is subject to local regulatory approval. Galen reserves the right to alter prices, specifications, features, capabilities, function manufacturing release dates, and even general availability of the product at any time.

# Site Requirement

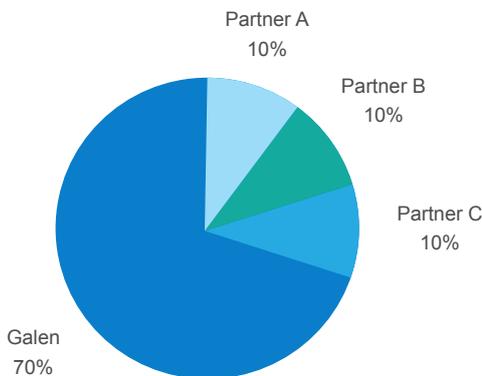


With Galen's optimized site plan, it allows clinics / hospitals to maximize the usage of small space without affecting the system usability and efficiency as well as the image quantity. The optimized site plan base on Galen's pre-install manual. Please contact us to provide most appropriate site plan if your room layout or dimensions are different than the layout shown.

Specification	Exam Room (MRI System)	Control Room	Equipment Room (Support equipment)	Total
Recommended room size (inside dimensions)	33.80 sqm 363.30 sqft	5 sqm 53.80 sqft	13.5 sqm 145.30 sqft	52.3 sqm 562.4 sqft
Minimum ceiling height	3.5 m 11.48 ft	2.8 m 9.19 ft	3 m 9.84 ft	
Floor loading	1500kg/sqm 15 kPa			

## Co-operative Program

- ✓ Co-own an imaging center with approx. 15% equipment cost
- ✓ Enlarge customer base by patient referral
- ✓ Generate extra income stream
- ✓ Enhance your reputation via advance diagnosis of patient's condition



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PROJECT'S TOTAL INVESTMENT COST  
.....

## Installment Program

Installment Loan for Clinic/Hospital (US\$)	
MRI system	850,000
Shield room (from local supplier)	100,000
UPS system (from local supplier)	35,000
Chiller (from local supplier)	15,000
Magnet shipment (To airport in Indonesia)	15,000
Components shipment (CIF ports in Indonesia)	5,000
MRI system Sub-total (Before tax)	1,020,000
Insurance	6,120
Import tax (17.5%)	179,571
First installation and application training	13,000
Local transportation and rigging (Estimated)	20,000
1+6years After-sales-services (Discounted)	510,000
Interest Rates at 5% (Approximately)	220,000
<b>Total costs of 7 years</b>	<b>1,968,691</b>

\*Above example for Indonesian market per this edition of the leaflet. All prices are subject to change without prior notice due to currency fluctuation, fuel prices and/or unforeseen economic circumstances. For specify regions/countries, please consult our local representative for details and updates.

For sales enquiries, please contact our local country representative at  
Tel: +852 3725 0700 or email to sales@galenmri.com  
Visit our website at: www.galenmri.com