



GALEN MRI
SYSTEMS

EMMA
Optimal Breast MRI System

**CUTTING-EDGE
HUMANISTIC
AFFORDABLE**



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EMMA Provides

EMMA is World's advanced & innovative 1.5T Breast MRI system with full-body capabilities



Zero Boil-Off Magnet

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



Three cup-size breast coils

Customized breast coils with 3 cup-size to deliver exceptional breast images



15-minutes Optimized Protocols

In collaborating with Dr. Christopher Comstock, radiologist at Memorial Sloan Kettering Cancer Centre of the US, scan time protocols have been significantly reduced from the standard 45 minutes to 15 minutes (By using of Galen's customized protocols).



Whole-body Scan

With our whole-body coils, EMMA capable for whole-body scan.

- Head
- Shoulder
- Abdomen
- Wrist
- Spine
- Knee
- Ankle
- Vascular



Strong Gradient

Gradient strength: 44mT/m^1
Slew rate: 275T/m/s^2
It helps our system reach new heights in productivity, reliability and patient comfort



One-button Scan

Galen's one-button scan combines with Galen's optimal protocol offers simple, user-friendly and efficient workflow.



AI & Cloud (optional)

EMMA comes with A.I. feature (report assistant) to help report writing. EMMA-cloud offers scan results to be easily read and diagnosed everywhere. It can also be upgraded to meet educational, training and research needs.

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

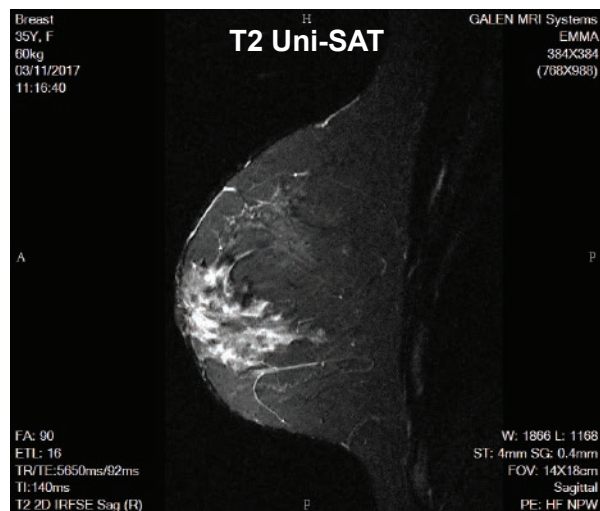
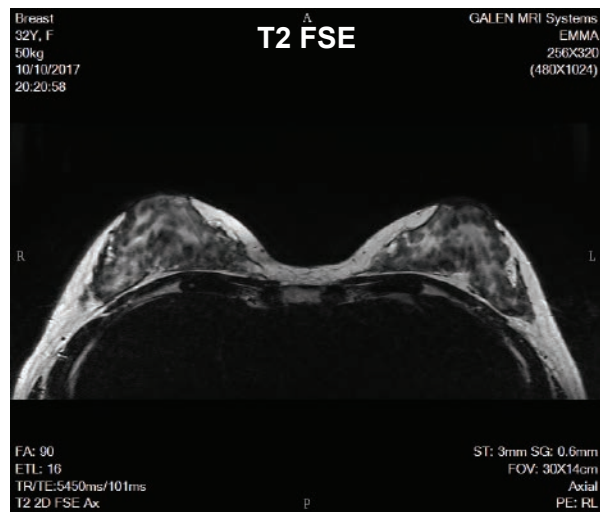
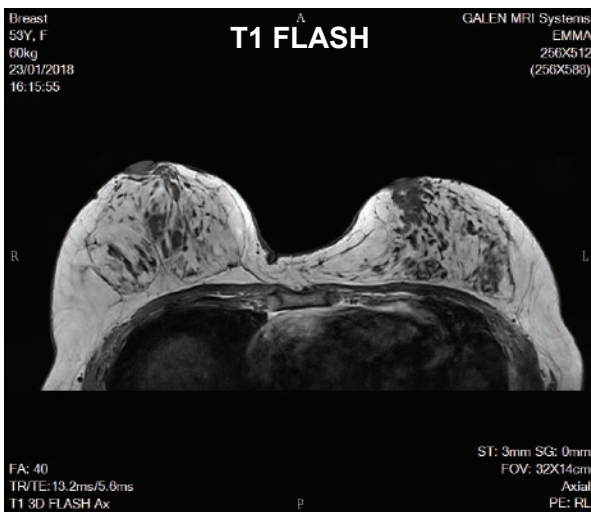
New Era of Breast MRI – Short, Quiet, Reliable & Affordable Scans

Galen cares how customers feel during the scanning experience. Emma features **feet-first entry**, **noise-reduction unit** and **optimal scanning protocol** to provide a shorter, quieter and more comfortable scanning experience.

Galen cares how medical professionals conduct the scanning procedures. Emma features **machine-learning** capabilities for precise data input.

Galen cares how medical professionals examine scanning results. Emma features **two artificial intelligence features** (scan assistant & report assistant) to enhance reporting.

Optimized protocols for comprehensive breast implant, dense breast, breast-cancer diagnosis.



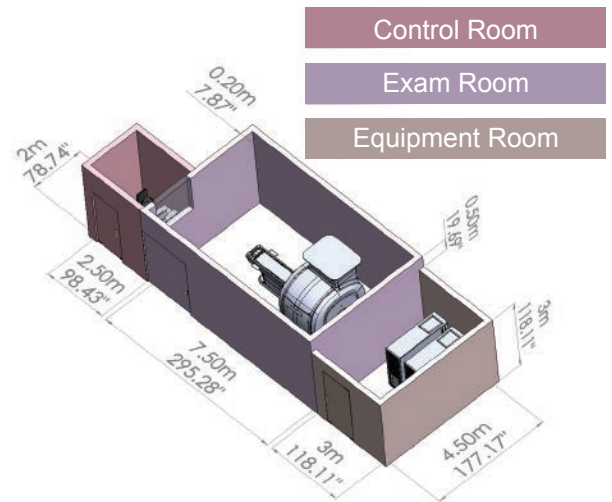
RF coils for MR imaging, tailored to customer specific applications



Accompanying Galen's MRI system, 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. To browse our inventory of standard breast, knee, ankle and shoulder coil, please contact us.

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 quality. The optimized site plan base on Galen's pre-install manual. Please contact us to provide most appropriate site plan.



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			