



SIEMENS

www.usa.siemens.com/MR

Quiet the Cost of Care

Total Sound Solutions for Better Patient Compliance

Answers for life.

Imaging should be seen, not heard.

That's why we've engineered our MAGNETOM® family of MR systems with numerous noise reduction features. Individually and together these features contribute to a quieter MR exam for your patients, which can lead to better patient compliance.

As a result, you can:

- Perform exams faster for better MR utilization.
- Avoid rescheduling exams for enhanced departmental workflow.
- Improve clinical confidence, which can limit misdiagnosis and readmissions.
- Better manage your cost per case.

Learn more about the MAGNETOM family of MR systems at www.usa.siemens.com/mr.



Our Magnets

- Encapsulation of entire magnet.
- Efficient floor decoupling reduces noise transferred to the building.
- Noise-optimized cold head.

Our Gradient

- Special epoxy resins and casting technology damp vibrations.
- Reduced gradient stray field decreases eddy currents.
- Acoustically soft and mechanically rigid gradient coil mount in magnet.

Our Body Coils

- Tube extended beyond the gradient coil for maximum noise reduction.
- Copper slotted structures glued to tube reduce high frequency noise.
- Body coils acoustically decoupled by special suspensions.

Our Whisper Mode³

- Reduces the maximum slew rate.
- Reduces the maximum amplitude of the gradients.
- Enables very quiet imaging techniques.

Our System Design

- Acoustically optimized mountings.
- Noise attenuating foam.
- Encapsulated noise-producing components.

Our Quiet Suite¹

- Optimized gradient switching lowers noise.
- Sound pressure reduced by at least 70%.²
- Optimized protocols for neurological and orthopedic exams.

¹ Available on MAGNETOM Aera and Skyra systems.

² Data on file.

³ Available on MAGNETOM Avanto.

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