

SIGNA™ PET/MR AIR™

The clarity you seek.
The comfort they deserve.

Introducing the all-new SIGNA™ PET/MR AIR™

Whether you're reading clinical images, researching diagnostic methods or new tracers, we understand the importance of providing the very best care.

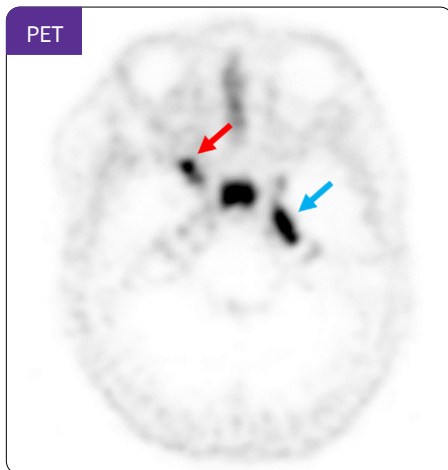
Intelligent technology

Our most advanced PET in a premium MR

At the heart of SIGNA™ PET/MR AIR™, you'll find the industry's most sensitive Time of Flight (ToF) PET detector and an exceptional MR-based attenuation correction (MRAC) with GE HealthCare's unique Zero-Echo-Time (ZTE) acquisition. This means you might see the smallest lesions and quantitate more accurately for each patient.



This advanced hardware runs on our latest MR 30 for SIGNA™ release, available across all of our SIGNA™ MR scanners. It features AIR™ Recon DL, our pioneering deep-learning-based reconstruction algorithm that enables pin-sharp image quality while simultaneously reducing scan time.



Axial ⁶⁸Ga-DOTATATE PET



Post-contrast 3D axial T1-BRAVO



Fused PET/MRI

A simply better PET/MR experience

As comfortable as AIR™

AIR™ Coils are designed to conform to the human body like a soft blanket. Its design helps reduce PET attenuation artifacts and improve quantitation.

AIR™ Coils also provide faster setup, leading to increased workflow and reduced technologist exposure to patients injected with radioactive isotopes.



60%
reduction

AIR™ Coils
Reduces quantitation errors by 60%[†]



59%
improvement

AIR Touch™
Improves setup time by up to 59%[†]



5X
faster

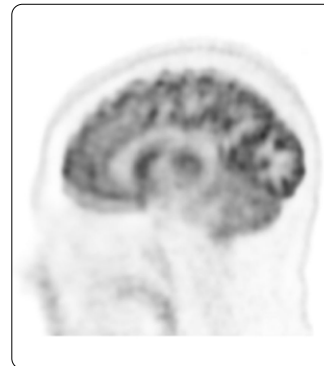
AIR x™
5x faster setup times

Clarity with MotionFree Brain

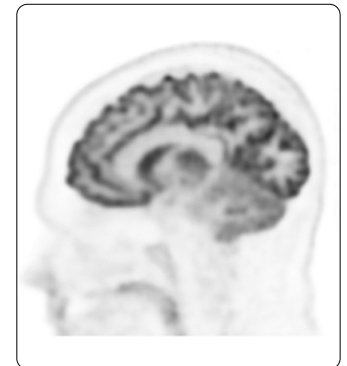
The future of PET/MR is MotionFree

MotionFree Brain provides you with motion management without any external devices or additional scan time. Our pioneering algorithm corrects the raw, list-mode PET data based on the actual patient head movements. This helps deliver a significant improvement in quantitative accuracy, especially for small brain lesions.

To ensure the most convenient motion-free imaging possible, MotionFree Brain is compatible with all SIGNA™ PET/MR features such as Q.Clear and ZTE MRAC.



Without MotionFree Brain



With MotionFree Brain



Open future

Make PET/MR a member of your diagnostic family

SIGNA™ PET/MR AIR™ is fully upgradeable to the latest technology, applications and coils. If you own a SIGNA™ PET/MR, there is a clear upgrade path to SIGNA™ PET/MR AIR™ that allows you to take advantage of AIR™ and the latest applications.

If you purchase SIGNA™ PET/MR AIR™ as a new system, you can take comfort in knowing that you will have the industry's leading PET/MR for many years to come.

*SIGNA™ PET/MR AIR™ is a premium configuration of SIGNA PET/MR. Not yet CE marked. Not available for sale in all regions. Please check with your representative.

[†]Results may vary.

[‡]Volunteer testing, compared to conventional coil technology. Deller et al, Radiology 2021; 298:166–172.

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