

Neuro Imaging Inside the NICU!

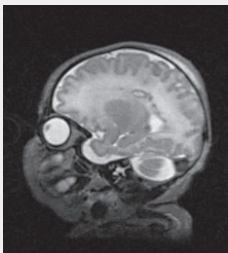
Save time and reduce patient risk with the revolutionary compact Embrace[®] Neonatal MRI system. Ergonomically designed to fit inside the NICU, this scanner is the first of its kind that strictly focuses on the specialized needs of premature and critically ill infants. Quiet, efficient and convenient. See how the gentle design of Embrace[®] is setting a new standard in the NICU.



FDA 510(k) CE 2797

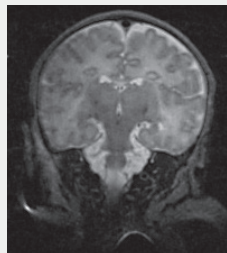
FDA cleared and CE marked for commercial sale in the US and Europe.

Embrace[®] produces high-quality diagnostic images



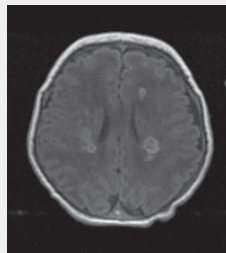
SAG T2 FSE

TR/TE=6751/160.8 ms
 Voxel size=0.7x0.7x3.0mm
 NSA=2, AT=02:42 min.



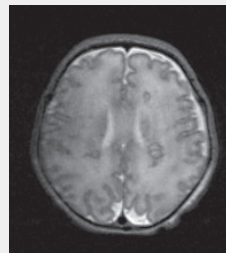
COR T2 FSE

TR/TE=8102/160.8 ms
 Voxel size=0.7x0.7x3.0mm
 NSA=2, AT=02:42 min.



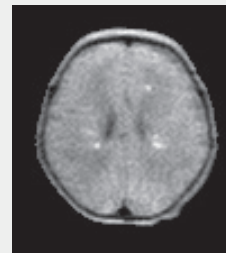
AX T1 SE

TR/TE=600/10.4 ms
 Voxel size=0.8x0.8x3.0mm
 NSA=2, AT=02:37 min.



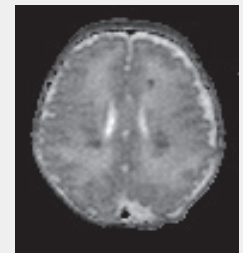
AX T2 FSE

TR/TE=7291/161.1 ms
 Voxel size=0.7x0.7x3.0mm
 NSA=2, AT=02:25 min.



DWI

TR/TE=13173/121.7 ms
 3-directions, b-value=700
 Voxel size=1.5x1.5x3.0mm
 NSA=3, AT=04:23 min.



ADC

Why Embrace?

- Designated as a Zone 1 safety system which can be installed at any point-of-care without limitation
- Accommodates more than 95% of the newborn population
- Easy to operate and can be used by less experienced care providers
- Helps mitigate scheduling on other MRI scanners

Boost Your Productivity

- Eliminates the challenges and stress of off-unit transport
- Simplified and efficient workflow allows prep to bed scanning to under an hour
- PACS/HIS/RIS connectivity with DICOM compatibility
- MR workstation supports Modality Work List and multiple PACS systems

Embrace®: A Patient-Centric Approach

The Technology:

Permanent Magnet:	Unit Dimensions:	Pulse Sequences:
<ul style="list-style-type: none">• Weight: 5,500 kg (12,125 lbs)• MRI 1 Tesla field strength• RF shield is the magnet casing• 5 Gauss Line confined within system cover• 0 external magnetic field• 0m EMC Cross-Interference Distance• 150mT/m peak gradient strength	<ul style="list-style-type: none">• Field of view (FOV) – 130 x 130 x 120 mm• Bore size – 184 x 260 mm• H: 71 inches• W: 57 inches• L: 67 inches	<ul style="list-style-type: none">• Spin Echo (SE)• Fast Spin Echo (FSE)• Gradient Echo (GRE: 2D, 3D)• Diffusion weighted images ADC map via spin echo• MPRAGE• T1, T2

Temperature-Controlled Patient Bed:

- Temperature-controlled bed with clear view, dual access compartment doors
- Environmental temperature setting range of 20.5–36.5 ° C
- RF enclosure with multi-portals allows for easy routing of tubing and monitoring leads
- Accommodates infants weighing 1kg to 4.5Kg with max. head circumference: 38 cm

RF Head Coil:

- Transmit-Receive head coil with integrated connector designed specifically for infants
- Solenoid design is most compatible with horizontal B0 field
- RF coil inner diameter is 143 mm
- Accommodates intubated babies

Become a part of the transformation.

Discover more at embracemri.com



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Embrace® is a registered trademark of Aspect Imaging, Ltd. Aspect Imaging is a global leader in the design and development of compact, high-quality MR imaging solutions, designed for use in pre-clinical research and medical applications.