

# pNeutron

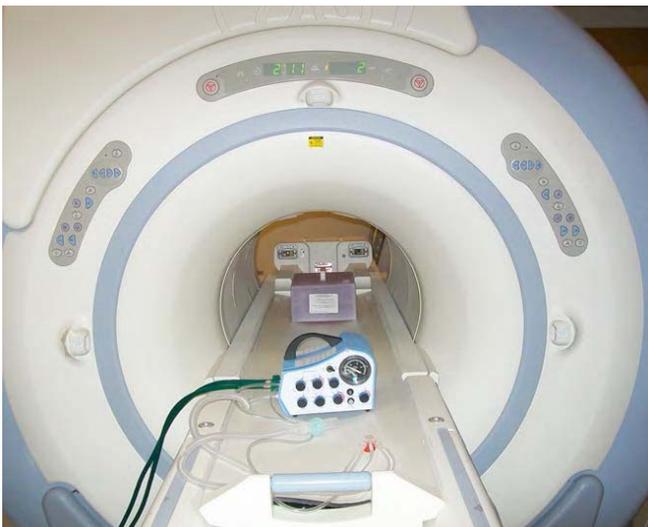
Pneumatic Transport Ventilation

## MRI Compatibility – Testing pNeutron

pNeutron ventilators are the only MRI **safe** ventilators with the modes required to support advanced patient needs – adult, pediatric, infant and neonatal.

- FDA approved as MRI Conditional up to 3 T static field strength, 720 G/cm spatial field gradient
- NO Gauss line restriction.

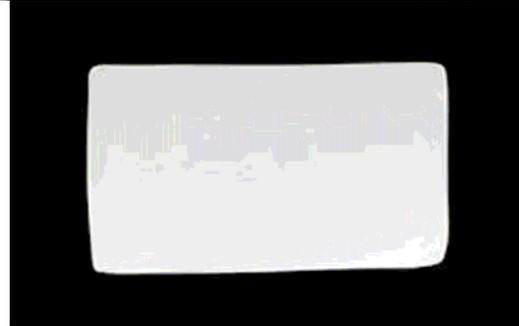
Testing of the pNeutron mini infant ventilator was done by Magnetic Resonance Safety Testing Services, SHELLOCK R & D SERVICES, INC. 7511 McConnell Ave., Los Angeles, CA using a GE 3 Tesla MR System, Excite, Software G3.0-052B, General Electric Healthcare, Milwaukee, WI; active-shielded, horizontal field scanner.



Phantom  
Scan



Phantom  
Scan



pNeutron mini Infant Ventilator was positioned at the opening of the bore of the 3-Tesla MR system while in a parallel and perpendicular orientations. A quality control phantom was placed inside of the MR System. Functional testing was performed while MR images were obtained using a gradient echo pulse sequence. The ventilator functioned properly with no operational abnormalities.

Note: there are no apparent artifacts or distortions present on the MR images.



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