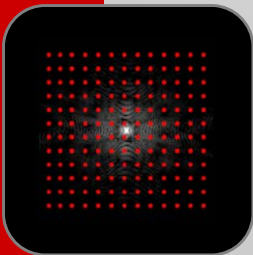
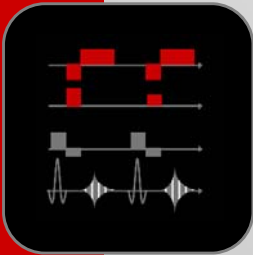




# GyroTools

www.gyrotools.com



## Small Animal Patch

Image mice and rats with your Achieva system using the in-built vector ECG triggering

- Imaging with heart rates up to 600 beats/min
- IR-TFE with inversion delays across multiple beats
- Up to 40 echoes in Turbo spin-echo imaging
- Allowance of high SAR in conjunction with animal coils

Initial	geometry	contrast	motion	dyn/ang	postproc	offs/ang	conflicts	
Cardiac synchroni...		retrospective					Total scan duration	00:04.2
device		LCG					Rel. signal level (%)	99.2
<b>Cardiac frequency</b>		<b>600 (70)</b>					Act. TR/TE (ms)	3.8 / 1.92
R-R window (%)							Scan time / RH	00:04.2
retro. period (be...		1					ACQ matrix: M x P	160 x 197
heartphases		30					ACQ voxel MPS (mm)	2.00 / 1.62 / 8.00
phase percentag...		6/					RLC voxel MPS (mm)	1.25 / 1.25 / 8.00
phase window		default					Scan percentage (%)	123.1
arrhythmia rejec...		yes					TFE factor	3
Respiratory compe...		breathhold					TFE shots	41
Max slices per bre...		1					TFE dur. shot / acq...	11.5 / 11.5
User def. breath h...		no					TFE shot interval (	11.5

Please note that add-on software patches are only available to research sites with a valid Clinical Science agreement with Philips Healthcare.

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Examples of custom-made scanner patches implemented by GyroTools for research sites in Europe and the US include:

- Multi-gate navigation for coronary imaging
- Multi-echo ping-pong echo-planar imaging
- Respiratory navigators for spectroscopy
- Adiabatic dual-inversion for black-blood imaging
- Diffusion spectral imaging
- High-resolution tagging
- Displacement encoded imaging (DENSE)
- 3D CSI-SENSE including reconstruction
- Advanced perfusion with adaptive slice triggers
- Hybrid proton/fluorine tracking
- EPSI/HiSS patch including imaging reconstruction
- Silent fMRI
- Strain encoded imaging (SENC)
- Diffusion black-blood (DEFT) carotid imaging
- and many more...

**Contact us for more information, detailed specification and to request a quotation.**