

Materials List for:

# How to Detect Amygdala Activity with Magnetoencephalography using Source Imaging

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## Materials

Name	Company	Catalog Number	Comments
<b>Software</b>			
Matlab	Mathworks		<a href="http://mathworks.com/products/matlab">mathworks.com/products/matlab</a>
Presentation	Neurobehavioral Systems		<a href="http://neurobs.com">neurobs.com</a>
Psylab	Contact Precision Instruments		<a href="http://psychlab.com">psychlab.com</a>
AFNI	NIMH - Scientific and Statistical Computing Core		<a href="http://afni.nimh.nih.gov/afni">afni.nimh.nih.gov/afni</a>
Freesurfer	Martinos Center for Biomedical Imaging		<a href="http://surfer.nmr.mgh.harvard.edu/fswiki">surfer.nmr.mgh.harvard.edu/fswiki</a>
MNE	Martinos Center for Biomedical Imaging		<a href="http://nmr.mgh.harvard.edu/martinos/userInfo/data/sofMNE.php">nmr.mgh.harvard.edu/martinos/userInfo/data/sofMNE.php</a>
Brainstorm	open-source collaboration		<a href="http://neuroimage.usc.edu/brainstorm">neuroimage.usc.edu/brainstorm</a>
3d Slicer	open-source collaboration		<a href="http://slicer.org">slicer.org</a>
Paraview	Kitware		<a href="http://paraview.org">paraview.org</a>
<b>Table 1. Software used Software used.</b>			
<b>Equipment</b>			
<i>Physiological Monitoring System</i>			
Psylab stand alone monitor (x2)	Contact Precision Instruments	SAM	
Skin conductance amplifier	Contact Precision Instruments	SC5	
Shock stimulator (x2)	Contact Precision Instruments	SHK1	
<i>Additional Components</i>			
8-bit synchronization cable (x2)	Contact Precision Instruments	Included with SAM	
8-bit to 2-bit isolation adapter	N/A	Custom	
DB25 ribbon cable (x2)	N/A	Standard	
Shielded extension cable (x3)	Contact Precision Instruments	CL41	
Radiotranslucent cup electrodes for SCR and shock (x6)	Biopac	EL258-RT	
Signa Gel	Parker Laboratories	15-250	
<i>Response Device</i>			
Rotary dial with gameport connector (x2)	N/A	Custom	
Gameport-to-gameport/BNC splitter	N/A	Custom	
BNC cable	N/A	Standard	
Gameport-to-USB adapter (x2)	Rockfire	RM203U	

<i>Additional Components for MEG Setup</i>			
HPI coils and wiring harness	N/A	Custom	
HPI positioning system	Inition	Polhemus Isotrak	
<b>Table 2. Equipment used.</b>			