

Materials List for:

Recording Human Electrocorticographic (ECoG) Signals for Neuroscientific Research and Real-time Functional Cortical Mapping

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Materials

1. 8 x 16-channel g.USBamp amplifiers (<http://gtec.at>)
2. 2 x 64-channel break-out box (splitter head-box)
3. 2 x Connection cable from splitter to clinical system
4. 2 x Connection cable from splitter to four g.USBamps
5. 2 x Four-way power adapter for four g.USBamps
6. 2 x Four-way sync adapter to synchronize four g.USBamps
7. 1 x Sync cable to synchronize two sets of four g.USBamps
8. 1 x Potential-equalization clamp + cable for g.USBamp
9. 18 x Touchproof jumper cables
10. 2 x Four-way USB 2.0 hubs
11. Power strip
12. Laptop or desktop computer (see section 2.1)
13. Secure, moveable cart for all of the above
14. Eyetracker (or ordinary LCD monitor) for patient
15. Moveable tray table for the patient monitor
16. Other peripherals (joysticks etc) for patient behavioral responses
17. BCI2000 software
18. CURRY software
19. MATLAB software