

## Longitudinal Multitasking Training Project

fMRI Scan Checklist: Subject: \_\_\_ Session: \_\_\_ Date: \_\_\_

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# Outside Scanner

* Paperwork: subject payments/form
* Paperwork: fMRI safety form
* Paperwork: Consent form
* Paperwork: Schedule form
* Turn on projector
* Turn on eye tracker
* Sign into Cohen account
* Projector should display Matlab from Mac computer
* Make sure pulses come in as =+: TTL setting 090
* Behavioral baselines in running rooms or in scanner
* Offer bathroom break
* Reminder: no head movement
* Metal detector wand
* Metal detector archway
* Subject info on tesla: use screening form
* Register patient on scanner computer: Multitasking\_SlowBlocks\_Subject#\_Session#

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# Inside Scanner

* Sheets on bed
* Ear plugs
* Pillow + pillow case (if no headcase)
* Headband (if no headcase)
* Headband foam (if no headcase)
* Head foam (if no headcase)
* Headcase (some subjects)
* Current design button box
* Emergency squeeze ball
* Microphone: spit guard
* Microphone: ensure close to face
* Isocenter
* Make sure button box works
* Reminder: no head movement
* Reminder: don’t cross legs
* Leg pillow

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## During Scanning

* Scout
* Anatomical (adjust FoV to get brain)
* Check for anomalies
* Epi (adjust FoV to get whole brain)
* Turn off neck coils (if needed)
* Run wiggle epi
* Hit ctrl-esc to open start menu, start having FIRMM receive motion files
* On FIRMM computer, open terminal and type in: FIRMM
* Start tracking motion with current multitasking subject
* For all EPIs: Copy center slice and saturation
* PA: switch phase enc dir from RL to AP, then rotate 180 degrees

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# After Scanning

* Transfer data to conquest
* Sign out of Cohen lab on mac
* Close patient on scanner computer
* Hit ctrl-esc to open start menu, stop having FIRMM receive motion files
* Remove foam from headband
* Put sheets, pillow case and headband into laundry
* Trash: ear plugs and spit guard
* Post scanner questions
* Multitasking, transfer task post test
* Payment form
* Turn projector off
* Sign out of tesla
* Put chain back across door
* NOTES: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_