Protocols for **single slice EPI**

31 October 2013

Remember to get \***BOTH DICOM and meas.dat**\*!

* Localizer
* MPRAGE
* Get a good axial slice through calcarine sulcus. Either upper or lower band.
* 1-slice TSE (high spatial resolution ~ 1 mm);
* EPI

With visual stimulation (**block design**):

1. TR/TE/flip angle = 100 ms/30 ms/20 deg; image matrix = 64x64; FOV =200 mm x 200 mm; slice thickness ~ 4 mm)
2. Stimulation: 30 s (OFF) – 30 s (ON) – 30 s (OFF) – 30 s (ON) – 30 s (OFF)

Without visual stimulation (**resting state**):

1. Repeat 2 but without stimulation (same slice/TR/TE/flip angle)

With visual stimulation (**block design**):

1. Repeat 2;

Without visual stimulation (**resting state**):

1. Repeat 3;