**Augusta University:**

Each experiment will have a folder (Khan\_SPAN)

Redcap ID: FR8240

AU ID: Khan\_SPAN\_FR8240\_D30\_201112

AU: **Augusta University**

d29: **day 29 scan**

Common parameters: 19.2x19.2 mm FOV, slice thickness: 0.5mm, total slice 30, Matrix 128X128.

1. RARE anatomical image volume: **RARE\_anatomy**

TR:6000ms, effective TE: 60ms

1. T2 weighted image scan: Multi echo multi slice 10 TE\_**T2 map**

TR: 5000ms, TE: 10 to 100ms (10ms increment)

1. Diffusion weighted image scan: **ADC map**

Sequence= DtiStandard

TR:880ms, TE:22ms

b values: 0, 500, 1000

1. T2star weighted image scan: Multi echo multi slice 15 TE\_**T2\*map**

TR: 1500ms, TE: 3, 7, 11, and 15ms (4ms increment), FA = 50, NEX= 2

1. **MDEFT** parameters: 19.2x19.2 mm FOV, slice thickness: 0.5mm, total slice 30, Matrix 96X96

TR: 3000ms, TE: 3.5ms, inversion time = 1100ms, FA = 15, NEX= 2