## *University of Iowa Data Upload Templates*

### Day 2 scans

### 2020-OCT-08 and 2020-OCT-09

#### General Comments

For these scans, I still acquired both the multi-echo T2 and the series of three single-echo T2 scans for T2 mapping purposes as was done for the pilot study. After viewing the results from each, the later echoes of the multi-echo T2 scans show some artifacts mostly at the cerebellum, but these artifacts in at least one case extended into the territory of stroke. I am presuming these are B1 inhomogeneity related. Therefore, I have submitted the single echo T2 scans (15/45/75 ms) for use with T2 mapping as it looks like these will provide a more consistent result.

I initially uploaded FR4977 with Pilot Day 2 as the time point in error. I uploaded again with the correct Stage 1 Day 2 time point. The Pilot Day 2 data set can be deleted.

## QC3807 (local file QC3807\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments: Scan was stopped due to unstable respiration and restarted, which accounts for additional anesthesia time compared to the other scans.

## VH1917 (local file VH1917\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments: The ADC\_map\_b=500 was re-acquired as the first acquisition had very severe motion artifacts.

## KX0577 (local file KX0577\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## FR4977 (local file FR4977\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## AM5396 (local file AM5396\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## QC3808 (local file QC3808\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## VH1918 (local file VH1918\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## KX0578 (local file KX0578\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## AM5397 (local file AM5397\_IW\_D2)

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments: