## *University of Iowa Data Upload Templates*

### Scans for week of

### 2020-11-02

#### General Comments:

Starting with this week's scans, when re-scanning a series to try to reduce motion artifacts, I am combining the best image for each slice location from the acquisitions for that time point. This is done by choosing the overall best of the series acquisitions, then "pasting" the image data from the replacement images onto the header of the other series. The result should appear as a single series when uploaded. I am noting when these re-acquisitions take place in the templates, but I am keeping the record of which slices are used from each series only locally.

Given that all of the sequences are acquired with the same slice positions throughout, any registration issues should be the same as with the rest of the T2 and diffusion images, and the repeated scans are directly copied with all parameters identical so there should be no difference arising from center frequency or gain changes.

## QC3802 Day 2

Scan date: 2020-Nov-05

Local ID: QC3802\_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:

## VH1912 Day 2

Scan date: 2020-Nov-05

Local ID: VH1912\_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:

## KX0572 Day 2

Scan date: 2020-Nov-05

Local ID: KX0572\_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: Repeated b = 500

## QC3807 Day 30

Scan date: 2020-Nov-05

Local ID: QC3807\_IW\_D30

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: Repeated b = 1000 and b = 500

## FR4971 Day 2

Scan date: 2020-Nov-05

Local ID: FR4971\_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: Very unfavorable breathing pattern resulting in severe motion artifacts. The mouse had a very distended or “tight” belly (perhaps air in the intestines?). The mouse died shortly after the scan was complete.

## AM5390 Day 2

Scan date: 2020-Nov-05

Local ID: AM5390\_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:

## VH1917 Day 30

Scan date: 2020-Nov-05

Local ID: VH1917\_IW\_D30

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: Rescanned b = 1000

## KX0577 Day 30

Scan date: 2020-Nov-05

Local ID: KX0577\_IW\_D30

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: Rescanned b = 1000

## FR4977 Day 30

Scan date: 2020-Nov-05

Local ID: FR4977\_IW\_D30

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: Rescanned b = 1000 and b = 500

## QC3801 Day 2

Scan date: 2020-Nov-06

Local ID: QC3801\_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:

## VH1911 Day 2

Scan date: 2020-Nov-06

Local ID: VH1911\_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:

## KX0571 Day 2

Scan date: 2020-Nov-06

Local ID: KX0571\_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: Rescanned b = 500

## FR4972 Day 2

Scan date: 2020-Nov-06

Local ID: FR4972\_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: Rescanned b = 500

## AM5391 Day 2

Scan date: 2020-Nov-06

Local ID: AM5391\_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: Rescanned b = 1000 and b = 500

## QC3808 Day 30

Scan date: 2020-Nov-06

Local ID: QC3808\_IW\_D30

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 Day 30

Scan date: 2020-Nov-06

Local ID: KX0578\_IW\_D30

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: Rescanned RARE as respiration rate was very high intially, used only the second acquired RARE series.

## AM5397 Day 30

Scan date: 2020-Nov-06

Local ID: AM5397\_IW\_D30

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: