

## MRI PITUITARY

| Indications  |          | Sella region or pituitary lesion |         |         |       |   |
|--------------|----------|----------------------------------|---------|---------|-------|---|
| Localizer    |          | 3 plane scout                    |         |         |       |   |
| PLANE        | SEQUENCE | FAT SAT                          | MODE    | SLT/SP  | FOV   | NOTES   |
| Sagittal     | T1       |                                  |         | 5 / 1.5 | 24 cm |   |
| Axial        | T1       |                                  |         | 5 / 1.5 | 24 cm |   |
| Axial        | T2       |                                  |         | 5 / 1.5 | 24 cm |   |
| Axial        | FLAIR    | Y                                |         | 5 / 1.5 | 24 cm |   |
| Axial        | DWI      |                                  | ADC MAP | 5 / 1.5 | 24 cm | B0 and B1000  |
| Sagittal     | T1       |                                  |         | 3 / 0.3 | 16 cm | through sella   |
| Coronal      | T1       |                                  |         | 3 / 0.3 | 16 cm | through sella   |
| Coronal      | T2       |                                  |         | 3 / 0.3 | 16 cm | required  |
| Coronal + C  | T1       |                                  | DYNAMIC | 3 / 0.3 | 16 cm | Dynamic through sella before, during and after contrast |
| Sagittal + C | T1       |                                  |         | 3 / 0.3 | 16 cm | required  |
| Coronal + C  | T1       |                                  |         | 3 / 0.3 | 16 cm | <b>Do only if dynamic scan not available</b>            |
| Axial + C    | T1       |                                  |         | 5 / 1.5 | 24 cm | cover entire brain                                      |

