

| MRI Renal Mass W & WO |                                           |                                           |                     |                     |       |               |                                                   |                      |                            |                                       |                                       |
|-----------------------|-------------------------------------------|-------------------------------------------|---------------------|---------------------|-------|---------------|---------------------------------------------------|----------------------|----------------------------|---------------------------------------|---------------------------------------|
| Technical Parameters  |                                           |                                           |                     |                     |       |               |                                                   |                      |                            |                                       |                                       |
| Anatomic Coverage:    | Liver through bottom of the kidneys       |                                           |                     |                     |       |               |                                                   |                      |                            |                                       |                                       |
| Coil:                 | Torso                                     |                                           |                     |                     |       |               |                                                   |                      |                            |                                       |                                       |
| Scanner Preference:   | 1.5T                                      |                                           |                     |                     |       |               |                                                   |                      |                            |                                       |                                       |
| Contrast:             | Pre-injection:                            |                                           |                     |                     |       |               | Post-injection:<br>trigger when bolus reaches SMA |                      |                            |                                       |                                       |
| Scanning Plane:       | Coronal                                   | Axial                                     | Coronal             | Axial               | Axial | Sagittal      | Axial                                             | Coronal              | Axial                      | Axial                                 | Axial                                 |
| Slice Thickness:      | 5mm                                       | 3mm                                       | 3mm                 | 3mm                 | 3mm   | 3mm           | 5mm                                               | 5mm                  | 5mm                        | 5mm                                   | 7mm                                   |
| Gap:                  | 0.5mm                                     | 0.5mm                                     | 0.5mm               | 0.5mm               | 0.5mm | 0.5mm         | 1mm                                               | 1mm                  | 1mm                        | 1mm                                   | 1mm                                   |
| Weighting:            | T2                                        | T1                                        | T1                  | T1                  | T2    | T2            | T1                                                | T1                   | T1                         | T2                                    | T2                                    |
| Mode:                 | SSFSE BH                                  | Dual Echo<br>SPGR BH                      | 3D mDixon pre<br>BH | 3D mDixon pre<br>BH | TSE   | FSE Propeller | 3D mDixon<br>post BH x 3<br>phases                | 3D mDixon<br>post BH | 3D mDixon 4<br>min post BH | TSE RT                                | DWI                                   |
| FAT SAT:              | NO                                        | NO                                        | NO                  | YES                 | NO    | NO            | YES                                               | YES                  | YES                        | SPAIR                                 | SPIR                                  |
| FOV:                  | Liver through<br>bottom of the<br>kidneys | Liver through<br>bottom of the<br>kidneys |                     | Both Kidneys        |       |               | Both Kidneys                                      | Both Kidneys         | Both Kidneys               | Liver through<br>bottom of<br>kidneys | Liver through<br>bottom of<br>kidneys |
| MPR:                  | NO                                        | NO                                        | NO                  | NO                  | NO    | NO            | NO                                                | NO                   | NO                         | NO                                    | NO                                    |
| Notes:                |                                           |                                           |                     |                     |       |               |                                                   |                      |                            |                                       |                                       |