

Anatomy: Rheumatology

- Exams **ORDERABLE- L spine and pelvis with and without contrast**

Sub-Anatomy: L spine and pelvis

- Routine

Coil: Torso coil and spine coil; Magnet-Siemens/Philips

| SEQUENCE - BASICS | | | | VARIABLE PARAMETERS | | | |
|-------------------|---|----------------------|------------------------------|--------------------------|-------------------------|----|--|
| PLANE | SEQ | Slice thickness (mm) | Misc / Comment | Instructions | TR | TE | |
| ROUTINE | | | | | | | |
| 1 | Coronal STIR SPACE or Shinkie (preferred) | 1.5mm isotropic | T12-L1- --lesser trochanters | Do it like lumbar plexus | | | |
| 2 | Sag STIR | 3.5 mm | T12-L1- --coccyx | Focus on LS spine | 2500 | 25 | |
| 3 | Sag T1W | 3.5 mm | T12-L1- --coccyx | Focus on LS spine | 600 | 7 | |
| 4 | Sag T2W | 3.5 mm | T12-L1- --coccyx | Focus on LS spine | 4000 | 90 | |
| 5 | Ax T2W | 3.5mm | T12-L1---coccyx | Focus on LS spine | 4000 | 90 | |
| 6 | Ax T2 SPAIR or T2 Dixon (preferred) | 4.0 mm | L4-5--- lesser trochs | Focus on pelvis | 4000 | 60 | |
| 7 | Ax DWI | 4.0 mm | L4-5--- lesser trochs | Focus on pelvis | B values- 50,400,800 | | |
| 8 | Coronal Pre- and post VIBE or mDixon | 1.5 mm isotropic | T12-L1- --lesser trochanters | Do it like lumbar plexus | Make subtraction images | | |

Instructions:

If motion observed, stop the scan, instruct patient to lay still and repeat the sequence.

