

# THIGH NEUROGRAM 3T ONLY

1-11-13 Blankenbaker / kar

## SCAN FROM HIP THROUGH DISTAL FEMUR

1. 3 Pl loc
2. Proximal Ax T1 5mm/2mm 35 sls 3:59
3. Proximal Ax T2 dk fat 5mm/2mm 35 sls 4:00
4. Distal Ax T1 5mm/2mm 35 sls 3:59
5. Distal Ax T2 dk fat 5mm/2mm 35 sls 4:00
6. Cor T2 dk fat 2mm/Interleaved 30 sls 5:39
7. Sag T1 2mm/Interleaved 30 sls 4:31

### Give IV contrast:

8. +c Proximal Ax T1 dk fat
9. +c Distal Ax T1 dk fat
10. +c Cor T1 dk fat
11. +c Sag T1 dk fat

### Request:

**MRI Thigh  
wo & w**

### Coil:

**8 Ch Cardiac or  
32 Ch Torso**

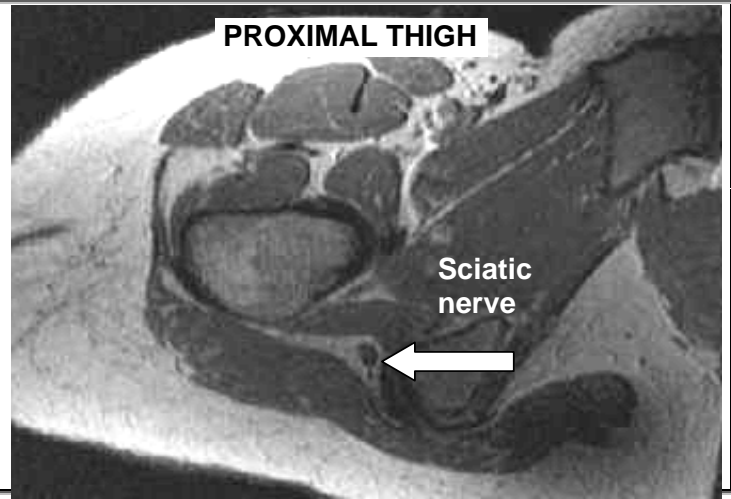
### Contrast:

**Multihance  
.1 mmol/kg  
Max 20mL**

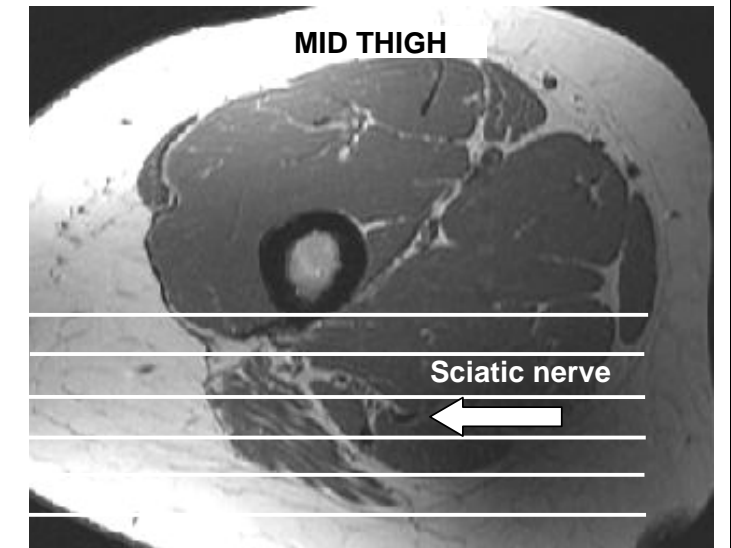
## CORONAL SCAN PLANE

- ▶ Identify the sciatic nerve on axial images
- ▶ Sup to Inf coverage: greater trochanter through distal femur
- ▶ Posterior aspect of thigh muscles to posterior femur
- ▶ **NO more than 30 slices**

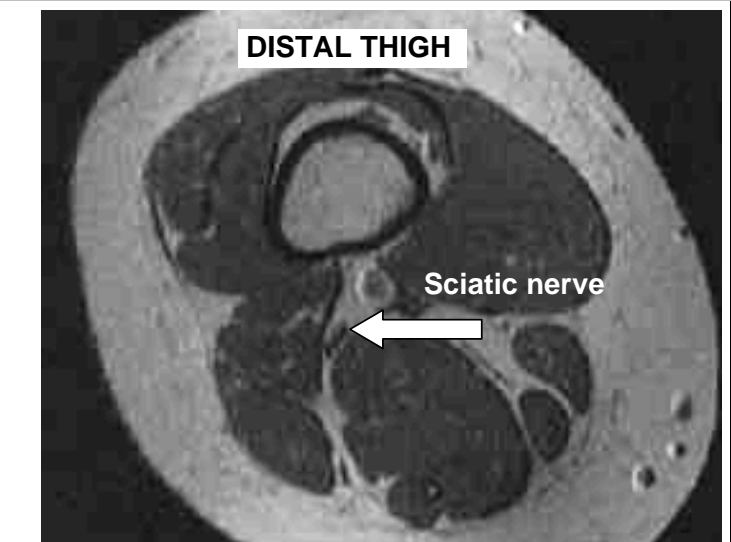
### PROXIMAL THIGH



### MID THIGH



### DISTAL THIGH



## SAGITTAL SCAN PLANE

- ▶ Grx on a coronal image
- ▶ Scan parallel to long shaft of femur
- ▶ Lateral thigh muscle through sciatic nerve medially
- ▶ **No more than 30 slices**

Grx on a  
Cor thigh  
image

