

Quantum Imaging and Therapeutic Associates

Long Bone – 1.5 Tesla

Indications	Occult fracture, osteomyelitis, tumor
Coil	Appropriate for area of interest
Position	Supine, feet neutral/parallel
FOV	Appropriate for area of interest
Comments / Special	Cor/Sag based on lesion position (Cor if R/L, Sag if A/P) Optional T1 FS post gad, esp. for infection or mass Include both thighs/legs in one scan if for myositis

<u>Sequence</u>	<u>TR</u>	<u>TE</u>	<u>TI</u>	<u>Flip</u>	<u>ST/sp</u>	<u>Matrix</u>
Ax T1	400-800	Min.			4/1	256 x 256
Ax T2 FS	>2000	50-60			4/1	256 x 192
Cor/Sag T1	400-800	Min.			4/1	256 x 256
Cor/Sag STIR	>2000	20-40	150		4/1	256 x 192
*Ax T1 FS	400-800	Min.			4/1	256 x 256
*3 planes T1 FS post gad	400-800	Min.			4/1	256 x 256