



# CT Lower Extremity Fx Child

GE Revolution

Approval: R. Tompkins, MD

rev:1 5/13/2026

<b>INDICATION</b>		r/o fracture, pain						
<b>POSITION / LANDMARK</b>		Supine / KN						
<b>START/END LOCATIONS</b>		Above proximal joint through distal joint						
<b>CONTRAST PARAMETERS</b>		na						
<b>RESPIRATORY PHASE</b>		na						
<b>SCAN DELAY</b>		na						
<b>SCAN TYPE</b>		Helical						
<b>Series</b>	<b>KV</b>	<b>mA</b>	<b>Rot Time (sec)</b>	<b>Pitch</b>	<b>Speed (mm/rot)</b>	<b>Noise Index</b>	<b>ASiR</b>	<b>Dose Reduction</b>
	100	Smart mA 100-450	0.8	0.516:1	20.62		30%	
<b>TECHNIQUE</b>		Using automated exposure control and adjustment of the mA and/or kV according to patient size, radiation dose to be kept as low as reasonably achievable to obtain optimal diagnostic quality images.						
<b>Scans</b>								
<b>Series #</b>	<b>Series</b>	<b>Body Part</b>	<b>DFOV</b>	<b>Thick/Space</b>	<b>Algorithm</b>	<b>Notes</b>		
1	Loc					AP/Lat		
2	Source data	Extremity	25	1.25x1.25	Bone	Scan completely through any fracture or metallic hardware. Use metal artifact reduction when applicable		
<b>Recons</b>								
<b>Recon source Series #</b>	<b>Recon</b>	<b>Body Part</b>	<b>Thick / Space</b>	<b>Algorithm</b>	<b>W/L</b>	<b>Notes</b>		
2	AX	Extremity	1.25x1.25	STND				
2	COR	Extremity	1.25x0.3	Bone Plus	400/40			

\*Please note, recons are displayed as thickness X spacing



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2	SAG	Extremity	1.25x0.3	Bone Plus	400/40	
<b>2D / 3D Processing</b>						
<b>Series required in PACS</b>						
Loc, Dose Report, All source data, ALL recons						

**ADDITIONAL INSTRUCTIONS:**

\*Please note, recons are displayed as thickness X spacing