

Protocol Name: LEG LENGTH STUDY	
INDICATIONS:	Evaluation of leg length for uneven legs.
IV CONTRAST:	None
ORAL CONTRAST:	None
PATIENT POSITIONING AND SCAN AREA:	Tape ankles together with plantar surfaces of feet perpendicular to the table and hips internally rotated to a true AP position. Landmark at crest. No gantry angle. Include the hips through the ankles on the scout image. This is your only imaging series. If the patient is too long to fit on one scout, you may scan hips to below knees and above knees to below ankles in two scout series with no patient motion between the series.
GENERAL EXAM GUIDELINES:	Scout series only
TRIGGER OR CONTRAST DELAY:	None
TECHNIQUE GUIDELINES:	120 kvp. 30 ma
LABEL:	SCOUT*. The * means anything after these beginnings will hang correct in pacs
RECON 1:	Scout only
RECON 2:	None
ADDITIONAL POST PROCESSING:	Measure each leg from the top of the femoral head to the middle portion of the distal femur. Measure the top of the tibia to the middle of the distal tibia and measure from the top of the femoral head to the distal tibia. Do these three measurements for both legs and save measurements to pacs. See reference image below:
SEND EXAM:	Send scouts with measurements to pacs.
ARCHIVE:	
BILL AS:	Leg length CT

SCOUT PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S0.00	11000.0 (adult)	120	10	0	N
	S0.00	1600.0 (child)	120	10	0	N
	Above hips	Below ankles				

AXIAL IMAGE PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	Thick Speed	Interval (mm)	Gantry Tilt	SFOV	kv	ma	DFOV	Show Recon1	Show Rocon2	Show Rocon3	Direct Vis
Not needed													