

PEDI-NEURO

CT PROTOCOL GE 16 Scanner

Brain - TRAUMA 0 - 15 yrs

Indications:	Possible pathologic process, coma, change in mental status, concussion headaches, coordination changes, vision changes, fainting, subdural hematoma, seizures, speech changes, hydrocephalis,		
Contrast:	None	(Unless indicated)	
First time scan < 2 years old or trauma do 3D skull reformats			
Series 1:	Head I -		RECON 2: 2.5 MM DX STD AXIALS
Mode		Helical	Thickness 2.5
Time		0.5	Interval 2.5
Detector		16	ALG STD
Thickness		2.5	RECON 3: 1.25 MM DX BONE
Pitch		0.562	Thickness 1.25
Speed		11.25	Interval 1.25
Interval		2.5	ALG BONE
Gantry Tilt		0	RETRO RECON: SOURCE AXIALS
SFOV		Head	Thickness 1.25
KV		120	Interval 1.25
mA	min	100	ALG STD
	max	190	REFORMATS: CORONAL&SAG (Age 0 - 10)
Noise Index		6	Thickness 1.25mm
DFOV		22	Interval 1.25 mm
ALG		Standard	Window BONE