

PEDI-NEURO

CT PROTOCOL GE 64 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 | 20 | ALG | STD |
| Thickness | 5 | RECON 3: 1.25 MM DX BONE | |
| Pitch | 0.531 | Thickness | 1.25 |
| Speed | 10.62 | 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 max 200 | ALG | STD |
| Noise Index | 6 | REFORMATS: CORONAL & SAG (Age 0 - 10) | |
| DFOV | 22 | Thickness | 1.25 mm |
| ALG | Standard | Interval | 1.25 mm |
| | | Window | BONE |