

CT HEAD W/O

Indications Headaches, CVA, Subdural Hematoma, Trauma

Patient Prep No Prep

IV Contrast None

Scout Lateral - 10 mA, 120 kV
Range: Below base of skull through vertex.

Positioning Head First Supine. Use the Head Holder.
Position the patient's head to superimpose the supraorbital ridge and the inner table of the skull at the foramen magnum along a line.

Scanning Instructions

- If With & Without do not let patient move between scans, scan in the same way.
- Avoid scanning through lens of eyes.
- Check pre-scan CTDI

Dose Information

Reference CTDI_{vol} 48.95 mGy
Expected CTDI_{vol} Range 35 mGy – 60 mGy
Notification Value 80 mGy

Scan Technique

Scan Type	Rotation Time	Detector Configuration	Slice Thickness	Feed	Pitch	SFOV	DFOV	kV	mAs	CARE Dose4D	Quality Ref. mAs	CARE kV	Reference kV	Admire	Recon Type
Axial	1.0s	64 x 0.6	5 mm	20 mm	1	250	300	120	255	Off	Off	N/A	N/A	20	J40s medium

Reconstructions

Reconstruction 1 Standard 5mm x 5mm WW 80 / WL 35, SS 30	Reconstruction 2 (Thins) Standard 0.6mm x 0.625mm WW 80 / WL 35, SS 30	Reconstruction 3 Bone 5mm x 5mm WW 2000 / WL 500, SS 70
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Reformats

Coronal Reformats 2mm x 2mm Standard	Sagittal Reformats 2mm x 2mm Standard	True Axial Reformat 5mm x 5mm Standard
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Image Transfer

All images should be sent to Philips PACS

Patient Instructions

None