

 University Health™	Policy #: Rad Proc 13.12.38
SUBJECT: Pediatric Head 5 Years to 17 years 11.3	Effective: 10/1/2013 Revised: 7/15/2016
APPROVED BY: Eduardo Gonzalez-Toledo, MD PhD	Page 1 of 2

Purpose: To provide computed tomography staff with the required protocol for performing a Pediatric Head 5 to 17 Years.

Scope: All pediatric patients 5 years to 17 years.

Procedure:

Clinical Indication: Headache, hydrocephalus, tumor, trauma

Patient Preparation: None

Orientation: Head first

Breathing: Normal breathing

Oral Contrast: None

IV Contrast: Per Weight: *If clinically indicated* 1ml/lb or 2ml/kg Visipaque 320 not to exceed 100ml injected per Rad Proc 13.8

Coverage: Base of skull through vertex

Anatomic Reference: Orbitomeatal line

Scan Delay: If indicated use 35 second fixed delay

Group 1: Gantry angle to Orbitomeatal line

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kVp	Auto mA/ Noise Index	Prep Time (sec)	Recon Type
LS 16 1.0 sec Axial Full	5 4i	20	Head	120	180	N	Standard
VCT 1.0 sec Axial Full	5 4i	20	Head	120	180	N	Standard
AS 64 1.0 sec Axial	4.8	4.8	200	120	Ref MAS 300	N	Standard

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Algorithm: Recon 1-Standard Recon 2-Bone Recon 3-Standard 1.25mm Recon 4-Bone 1.25mm
Reformat: Sagittal and Coronal in standard and bone, 3D if indicated
Network: Recon 1, 2 and Sagittal and Coronals to PACS; Recon 3 and 4 to AWSERV