

BRAIN PERFUSION

Protocol to Use	1.2 Perfusion Axial Shuttle				
HDI/VDI					
Patient position:	Supine Head First				
Exam specific instructions:					
Indication:					
Notes:	Coverage time=50sec; Shuttle Passes=17				
CONTRAST:	Oral:	None			
	IV:	40 mL Omnipaque 350 / 20 ml saline flush @ 5mL/s			
 SERIES 1: Lateral Scout	GE 120 kV/10 mA				
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CT ES ER (1.5)	PET CT
	OM S150/I100	OM S150/I100		OM S150/I100	
 SERIES 2: Scan caudocranial from base of skull through vertex of the head					
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CT ES ER	PET CT
Scan Type	Axial	Axial		Axial	
Detector Config	40	40		80	
Rotation	0.5	0.5		0.35	
Pitch/Speed	N/A	N/A		N/A	
SFOV	Head	Head		Head	
kV	80	80		80	
mA Range	400	400		430	
NI	N/A	N/A		N/A	
Prep Group	N/A	N/A		N/A	
DFOV (cm)	22	25		25	
% Dose Reduction	N/A	N/A		N/A	
ASIR %	N/A	N/A		50	
CTDI (mGy)	196.31	196.31		***	
XR29 Dose Notification	80	80		80	

	RECON 1				
Series Descripton	Perfusion				
Type	Axial				
Start	Skull Base				
End	Skull Vertex				
Angle	0				
Image Order	Caudocranial				
Filter	Standard				
Windowing	C35/W150				
Render Mode	Average				
Slice (mm)	5				
Increment (mm)	40				
FOV in mm	22				

Send to PACs

Approving Radiologist / Review Date: