

**On-line Table 1: Multidetector row CT of the face protocols**

Parameter	16 MDCT	40/64 MDCT
Arm positioning	Adducted	Adducted
Collimation	16 × 0.75	40/64 × 0.625
Pitch	0.9	0.67
Rotation time (seconds)	0.75	0.5
Kilovoltage	120	120
Milliamperage	245	400/350
Contrast material	Iohexol	Iohexol
Volume (mL) <sup>a</sup>	100	100
Injection rate (mL/s) <sup>b</sup>	4	4
Reconstruction filter	Soft tissue and bone	Soft tissue and bone
Axial images (thickness × interval) (mm)	1 × 0.5	1 × 0.5
Sagittal and coronal MPR images (thickness × interval) (mm)	2 × 2	2 × 2

**Note:**—MDCT indicates multidetector row CT.

<sup>a</sup> Three hundred milligrams of iodine per milliliter.

<sup>b</sup> Contrast material injection followed by a 50-mL saline push injected at a rate of 4 mL/s.

**On-line Table 2: Correlation between categoric predictor variables and visual acuity at 1 month and the interobserver agreement between the 2 radiologists in identifying the CT findings**

Variable	No. of Globes with Variable	Presence of Variable			Absence of Variable			P Value		K (95% CI)
		Mean VA (logMAR) (SE)	Median VA (logMAR) (Q <sub>1</sub> -Q <sub>3</sub> )	Mean VA (logMAR) (SE)	Median VA (logMAR) (Q <sub>1</sub> -Q <sub>3</sub> )	Welch Test	Wilcoxon Test			
Male	72/97	-3.38 (0.2)	-4.7 (-4.7-2.7)	-3.91 (0.33)	-4.7 (-4.7-3.2)	.1	.13	*		
Female	25/97	-3.91 (0.33)	-4.7 (-4.7-3.2)	-3.38 (0.2)	-4.7 (-4.7-2.7)			*		
IOP value	29/97	-3.38 (0.31)	-4.2 (-4.7-2.7)	-3.58 (0.2)	-4.7 (-4.7-2.7)	.5	.5	*		
Blunt trauma	43/82	-3.51 (0.25)	-4.7 (-4.7-2.7)	-3.78 (0.26)	-4.7 (-4.7-3.7)	.47	.36	*		
Stabs/sharp objects	15/82	-2.6 (0.4)	-2.7 (-4.7-0.4)	-3.87 (0.19)	-4.7 (-4.7-3.7)	.03 <sup>a</sup>	.005 <sup>a</sup>	*		
GSW	24/82	-4.5 (0.3)	-4.7 (-4.7-4.7)	-3.28 (0.2)	-4.2 (-4.7-1.4)	<.0001 <sup>a</sup>	.0008 <sup>a</sup>	*		
Perforating injury	16/24	-4.63 (0.19)	-4.7 (-4.7-4.7)	-4.23 (0.27)	-4.7 (-4.7-4.7)	.42	.6		0.46 (0.13-1)	
Presenting VA	59/97	-3.05 (0.2)	-3.7 (-4.7-1.3)	-4.2 (0.25)	-4.7 (-4.7-4.7)	.0002 <sup>a</sup>	.0004 <sup>a</sup>	*		
RAPD tested	41/97	-3.1 (0.26)	-3.7 (-4.7-1)	-3.78 (0.22)	-4.7 (-4.7-2.7)	.06	.06	*		
RAPD	19/41	-3.89 (0.39)	-4.7 (-4.7-2.7)	-2.4 (0.36)	-2.7 (-4.7-0.375)	.008 <sup>a</sup>	.007 <sup>a</sup>	*		
Posterior segment hemorrhage	70/85	-4.3 (0.12)	-4.7 (-4.7-4.7)	-1.11 (0.26)	-0.48 (-1.4-0.3)	<.0001 <sup>a</sup>	<.0001 <sup>a</sup>		0.64 (0.53-0.74)	
Posterior segment hemorrhage, grade I	14/70	-3.32 (0.42)	-3.7 (-4.7-2.7)	-3.82 (0.18)	-4.7 (-4.7-3.7)	.26	.032		0.54 (0.34-0.74)	
Posterior segment hemorrhage, grade II	7/70	-3.8 (0.6)	-4.7 (-4.7-2.7)	-3.73 (0.18)	-4.7 (-4.7-2.7)	.9	.79		0.32 (0.1-0.53)	
Posterior segment hemorrhage, grade III	49/70	-4.6 (0.16)	-4.7 (-4.7-4.7)	-2.49 (0.19)	-2.7 (-4.7-0.53)	<.0001 <sup>a</sup>	<.0001 <sup>a</sup>		0.79 (0.68-0.9)	
HypHEMA	59/85	-4.39 (0.16)	-4.7 (-4.7-4.7)	-2.26 (0.24)	-2.05 (-4.7-0.48)	<.0001 <sup>a</sup>	<.0001 <sup>a</sup>		0.57 (0.4-0.73)	
Intraorbital hemorrhage	62/85	-4.28 (0.16)	-4.7 (-4.7-4.7)	-2.27 (0.27)	-1.4 (-4.7-0.48)	<.0001 <sup>a</sup>	<.0001 <sup>a</sup>		0.48 (0.31-0.65)	
Extraconal hemorrhage	61/85	-4.3 (0.16)	-4.7 (-4.7-4.7)	-2.28 (0.26)	-2.05 (-4.7-0.48)	<.0001 <sup>a</sup>	<.0001 <sup>a</sup>		0.57 (0.44-0.71)	
Intraconal hemorrhage	40/85	-4.46 (0.22)	-4.7 (-4.7-4.7)	-3.09 (0.21)	-4.7 (-4.7-1.04)	<.0001 <sup>a</sup>	.0002 <sup>a</sup>		0.82 (0.71-0.92)	
Extraconal emphysema	37/85	-4.51 (0.23)	-4.7 (-4.7-4.7)	-3.14 (0.2)	-4.2 (-4.7-1.14)	<.0001 <sup>a</sup>	.0002 <sup>a</sup>		0.82 (0.72-0.92)	
Intraconal emphysema	37/85	-4.63 (0.4)	-4.7 (-4.7-4.7)	-3.55 (0.18)	-4.2 (-4.7-1.14)	<.0001 <sup>a</sup>	.014 <sup>a</sup>		0.79 (0.65-0.93)	
Intraocular gas	22/85	-4.56 (0.32)	-4.7 (-4.7-4.7)	-3.45 (0.19)	-4.7 (-4.7-2.7)	<.0001 <sup>a</sup>	.0042 <sup>a</sup>		0.8 (0.67-0.92)	
Visible lens	33/85	-3.08 (0.26)	-4.7 (-4.7-0.85)	-4.16 (0.2)	-4.7 (-4.7-4.7)	.0054 <sup>a</sup>	.0058 <sup>a</sup>		0.72 (0.59-0.84)	
Lens subluxation	7/33	-4.27 (0.69)	-4.7 (-4.7-3.7)	-2.58 (0.35)	-2.7 (-4.7-0.48)	.0018 <sup>a</sup>	.06 <sup>a</sup>		0.12 (-0.11-0.37)	
Lens dislocation	3/33	-2.83 (1.13)	-2.7 (-4.7-1.09)	-2.94 (0.35)	-3.7 (-4.7-0.48)	.92	.97		0.48 (0.17-0.79)	
Traumatic cataract	7/33	-2.94 (0.74)	-2.7 (-4.7-1.09)	-2.92 (0.39)	-3.7 (-4.7-0.48)	.98	1		0.23 (0.02-0.44)	
Orbital fracture	46/85	-4.37 (0.21)	-4.7 (-4.7-4.7)	-2.99 (0.2)	-3.7 (-4.7-1)	<.0001 <sup>a</sup>	<.0001 <sup>a</sup>		0.77 (0.66-0.88)	
Simple facial fracture	16/85	-4.22 (0.39)	-4.7 (-4.7-4.7)	-3.63 (0.19)	-4.7 (-4.7-2.7)	.12	.17		0.39 (0.19-0.59)	
Complex facial fractures	32/85	-4.47 (0.26)	-4.7 (-4.7-4.7)	-3.3 (0.2)	-4.7 (-4.7-1.35)	<.0001 <sup>a</sup>	.00 <sup>a</sup>		0.8 (0.69-0.91)	
IOFB	13/85	-3.9 (0.44)	-4.7 (-4.7-4.2)	-3.71 (0.18)	-4.7 (-4.7-2.7)	.72	.54		0.8 (0.65-0.94)	
Deep anterior chamber	3 of 26	-2.47 (1)	-2.35 (-4.45-0.6)	-3 (0.34)	-3.7 (-4.7-0.7)	.61	.6		0.65 (0.51-0.79)	
Normal anterior chamber	6 of 26	-2.44 (0.87)	-2.7 (-4.7-0.01)	-3.12 (0.34)	-3.7 (-4.7-1.07)	.48	.35		0.79 (0.62-0.96)	
Shallow anterior chamber	17 of 26	-3.59 (0.37)	-4.7 (-4.7-2.7)	-2.27 (0.49)	-2 (-4.7-0.34)	.043 <sup>a</sup>	.045 <sup>a</sup>		0.6 (0.45-0.77)	

**Note:**—GSW indicates gunshot wound; IOFB, intraocular foreign body; asterisk, clinical variables without interobserver agreement values; Q<sub>1</sub>, quartile 1; Q<sub>3</sub>, quartile 3.

<sup>a</sup> Statistical significance ( $P < .05$ ).

**On-line Table 3: Visual acuity conversion chart**

VA	logMAR Units	VA	logMAR Units
No light perception	-4.70	20/100	-0.70
Light perception	-3.70	20/80	-0.60
Hand motion	-2.70	20/60	-0.48
Finger counting	-1.40	20/50	-0.40
20/800	-1.60	20/40	-0.30
20/400	-1.30	20/30	-0.18
20/200	-1.00	20/20	0.00