

APPENDIX B: 64 DETECTOR PEDIATRIC (MWD) IV CONTRAST INJECTION PROTOCOLS

CHILD WEIGHT (kg)	VENOUS PHASE RATE/VOLUME	ARTERIAL PHASE RATE/VOLUME	TOTAL CONTRAST DELIVERED
5	0.2sec/7mls	0.4sec/3mls	10
10	0.3sec/14mls	0.6sec/6mls	20
15	0.4sec/20mls	0.8sec/10mls	30
20	0.5sec/26mls	1.0sec/14mls	40
25	0.6sec/33mls	1.3sec/17mls	50
30	0.7sec/40mls	1.6sec/20mls	60
35	0.8sec/47mls	1.8sec/23mls	70
40	0.9sec/53mls	2.1sec/26mls	80
45	1.0sec/60mls	2.2/30mls	90
50	1.2sec/66mls	2.4sec/34mls	100
55	1.3sec/73mls	2.6sec/37mls	110
60	1.4sec/80mls	2.8sec/40mls	120
70	1.6sec/94mls	3.3/46mls	140
COLOR CODED PEDIATRIC DOSE SETTINGS (mA/kV)			
Pink	6.0 - 7.5 kg	59.5 - 66.5 cm	
Red	7.5 - 9.5kg	66.5 - 74 cm	
Purple	9.5 - 11.5kg	74 - 84 cm	
Yellow	11.5 - 14.5kg	84.5 - 97.5 cm	
White	14.5 - 18.5kg	97.5 - 110cm	
Blue	18.5 - 22.5kg	110 - 122cm	
Orange	22.5 - 31.5kg	122 - 137cm	
Green	31.5 - 40.5kg	137 - 150cm	
Black	40.5 - 55 kg	< 150 cm	