

Supplemental Digital Appendix 1

Modified Coronary Angiography Rating Scale (MOCARS) Form Used in a Study of the Effect of Dyad Practice Versus That of Individual Practice on Medical Students’ Simulation-Based Complex Skills Learning, 2011

Coronary Angiography Rating Scale (modified)
MOCARS

ID:
Date:
Study: CADT
Rater:

Procedure step	Subject	1	2	3	4	5
I. Conveying						
	1.1 Guidewire manipulation					
	1.2 Catheter manipulation					
II. Manifold						
	2.1 Manifold handling including respect for air bobbles					
III. Intubation						
	3.1 Catheter manipulation					
	3.2 Heamodynamics - awareness and respons					
	3.3 Manifold handling - respect for air bobbles and haemodynamics					
IV. Projections						
	4.1 Adjustment of the table					
	4.2 Adjustment of magnification					
	4.3 Standard projections					
	4.4 Contrast media & filming					
	4.5 Heamodynamics - awareness and respons					
	4.6 Manifold handling - respect for air bobbles and haemodynamics					
V. Removal						
	5.1 Catheter removal					
In general						
	6.1 As low as reasonable achievable (ALARA) use of contrast media					
	6.2 As low as reasonable achievable (ALARA) use of radiation					

[Rating 1-5: 1 is worst & 5 is best]

Overall score	Unacceptable					Excellent			
	1	2	3	4	5	6	7	8	9

[Rating 1-9: 1 is worst & 9 is best]