

The Assessment and Treatment of the Acutely Ill Patient - the Role of the Patient Simulator as a Teaching Tool in the Undergraduate Programme

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Table 2 Student assessment of confidence or ability before and after SimMan training

<i>Question</i>	<i>n=23</i>	<i>Mean</i>	<i>Median</i>	<i>Sd Dev</i>	<i>z value</i>	<i>p value</i>
Immediate assessment of an acutely ill patient	Pre	2.17	2	0.94	4.1	<0.0001
	Post	4.17	4	0.72		
Commencing the right basic treatment	Pre	2.35	2	0.83	4.1	<0.0001
	Post	4.22	4	0.74		
Understanding of use of monitoring methods	Pre	3.43	4	0.95	3.8	0.0001
	Post	4.57	5	0.73		
Correct administration of oxygen	Pre	3.04	3	1.22	3.4	0.0006
	Post	4.48	5	0.85		
Starting an infusion of IV fluids correctly	Pre	2.30	2	1.02	3.9	0.0001
	Post	4.00	4	0.43		
Ordering of appropriate investigations	Pre	2.65	3	1.03	3.9	0.0001
	Post	4.09	4	0.67		
Interpretation of fluid balance / observation charts	Pre	2.96	3	1.11	3.4	0.0007
	Post	4.09	4	0.60		
Safe prescribing on drug and infusion charts	Pre	2.48	2	0.99	3.5	0.0005
	Post	3.70	4	0.56		
Documentation of actions in casenotes	Pre	2.83	3	1.19	3.2	0.0012
	Post	4.13	4	0.92		
Working and communicating as a member of a team	Pre	3.39	3	0.99	3.6	0.0003
	Post	4.35	4	0.78		
Concern regarding doing the wrong thing	Pre	4.22	5	0.85	3.2	0.0012
	Post	3.30	4	1.11		
Knowledge and skills needed for becoming House Officer	Pre	2.57	2	0.79	3.9	0.0001
	Post	3.83	4	0.89		