

## Multimedia Appendix

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### Modified OSATS Checklist and GRS assessment of chest tube performance, average (SD) reported.

	<b>Intervention group (n=25)</b>	<b>Comparison group (n=23)</b>	<b>Control group (n=21)</b>
Checklist score (maximum= 9)			
Pre-test	3.00 (1.80)	2.96 (1.64)	2.91 (2.02)
Post-test	6.56 (1.39)	6.22 (1.24)	3.62 (2.29)
Retention test	6.16 (1.37)	5.48 (1.92)	3.24 (2.05)
GRS score (maximum= 35)			
Pre-test	10.80 (4.50)	10.52 (5.51)	11.14 (4.49)
Post-test	21.48 (6.95)	21.00 (6.30)	13.38 (7.21)
Retention test	21.56 (7.43)	18.39 (8.09)	12.14 (5.89)
Checklist was based on 9 questions that were scored as either 0 (incorrect) or 1 (correct), for a possible total of 9 points.			
GRS was based on 7 questions with scores on a scale from 1 (worst) to 5 (best), the total was added for a possible total of 35 points.			