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### Original Research Article

## Comparison of Endotracheal Intubation Training on Mannequins and Normal Patients in Anesthesia Students

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### ABSTRACT

Medical disciplines need to be aware of the vital and life-saving measures of individuals and patients; Therefore, all of them must be properly trained in CPR and master it. The aim of this study was to compare endotracheal intubation training on mannequins and normal patients in anesthesia students. This descriptive study was conducted in 2018 with the participation of 40 sixth semester students of anesthesiology. Before the test, all of them took theory courses, and then they took practice courses and were tested; One group performed on the mannequin and the other group performed on the patient. Finally, the results were compared between the two groups. The pre-test scores in group A were  $08.15 \pm 05.2$  and in group B were  $51.14 \pm 38.1$ , which did not show a statistically significant difference between the two groups. ( $P=0.325$ ) Post-test scores were  $89.17 \pm 08.0$  in group A and  $51.1 \pm 01.21$  in group B, which showed a significant difference between the two groups ( $P = 0.012$ ). Intubation training on mannequins scored higher than the normal patient, and the researchers of the present study conclude that before intubation and any practical skills, students have passed the theory units well and then learned the skills. Practice on mannequins and finally improve their skills on patients, and before any practical action on the patient, it is necessary to perform practical skills on mannequins

**Keywords:** Intubation, Training, Skills, CPR