The effect of surgical experience for thyroglossal duct cyst on postoperative hospitalization time in children

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Objectives: Sistrunk operation is the main surgery type for thyroglossal duct cyst. The aim of this study is to evaluate the effect of surgical experience on postoperative hospitalization time.

Methods: The medical records of the patients undergone sistrunk operation between 2006 and 2013 were evaluated, according to age, sex, performing surgeon (resident/specialist, consultant), and hospitalization time and complications and follow up times.

Results: There were 77 patients, 40 of them were female and 37 of them were male, mean age was 6.41 years. Surgeries were performed either by a resident/specialist, or by a consultant in 36 cases. Mean discharge time of the patients who had undergone surgery by resident/specialist was 1 (49%), 2 (44%) and 3 (7%) days respectively. Otherwise, this time was 1 (47%), 2 (%44) and 3 (9%) days for the patients who had undergone surgery by a consultant.

Conclusions: There were no statistically significance between hospitalization times, presence of complications and surgeons academic experience.

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