5 YEARS REVIEW OF PARATHYROIDECTOMY CASES OUTCOMES IN KING ABDULAZIZ UNIVERSITY HOSPITAL IN BETWEEN 2010-2015

ABSTRACT

Parathyroid glands are tiny glands of the endocrine part which located in the neck. Hyperparathyroidism is a condition when the production of the hormone exceeds the normal upper limit moreover. Parathyroidectomy which is the excision of one or more parathyroid glands, thus the type of surgery depends on the location of the diseased gland. As in any surgery there is some possible complications even it is a straightforward procedure it can be done by different specialized surgeons lastly complications are divided to procedure related complications such as wound infections, hematoma or the nearby structure injuries as nerve injury. A retrospective study for 34 patients, male and female. Files were reviewed between 2010-2015. At king Abdulaziz university hospital, Jeddah, to identify the postoperative outcomes for the parathyroidectomy procedure. We had total of 34 patients Female 23 (67.6%) male 11 (32.3%), age ranging from 12 to 81 years. Types of surgery was 47.05% received sub-total parathyroidectomy, 41.1 had total thyroidectomy, and 11.7% had thyroidectomy with sub-total parathyroidectomy. Of all the patients 58.9% admitted for 1-3 days post-operative, while 20.5% admitted 4-7 days. And 20.5% stayed more than one week. Moreover 88.23% did not need ICU admission, while 11.7% needed ICU for post-operative care. Parathyroidectomy is frequent operation done by the ENT and general surgeon which needs good pre-operative plaining using labs ultrasound and nuclear scan. Thus the complication rate is minimal in such operation, still we need experienced surgeon and excellent post-operative care.