



Clinico pathological aspects of solitary thyroid nodule- A hospital based prospective study

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Abstract

Background: Nodular goitre is a common endocrine problem in the world today. Solitary thyroid nodule is defined as the presence of a palpable nodule in the otherwise normal thyroid gland. Solitary nodules are one of the most frequent presentations of thyroid disorder.

Aim: To study the incidence and other clinical parameters of solitary thyroid nodules and to correlate between clinical diagnosis and histopathological examination of solitary nodule thyroid.

Methods: A prospective study was done in patients with solitary thyroid swelling, after taking a detailed history, were examined clinically and confirmed with FNAC and underwent thyroid surgery were included in this study. The histopathological reports were evaluated and correlated with clinical diagnosis by standard statistical methods.

Results: Majority of the patients were between 21- 30 years of age. Female: male ratio was about 11.5:1. Swelling in front of the neck was the most common presentation. Most common solitary thyroid swelling was the colloid goitre. Commonest surgery performed was hemithyroidectomy.

Conclusion: The majority of the solitary nodule of the thyroid was found to be benign, and this illustrates that hemithyroidectomy is the preferred surgery unless malignancy is suspected by fine needle aspiration cytology.

Biography

Manoj Prabu is a consultant General and Laparoscopic surgeon and Assistant Professor in Saveetha Medical College Hospital, India. He is a Fellow of Indian Association of Gastrointestinal and Endoscopic surgeon and a Fellow of Minimal Access Surgeons of India. He completed his Diploma in Laparoscopy from Indian Institute of Laparoscopic Surgery and trained in Advanced Laparoscopy. He has 4 years of teaching experience and currently indulged in imparting the surgical knowledge and skills in the undergraduate and postgraduate minds. His field of interest are advanced laparoscopy in upper gastrointestinal surgery and robotic surgery.

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