

Outcome of Thy 3 Thyroid Nodules: An Audit

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Background:

The British Thyroid Association guidelines for management of thyroid cancer recommends ultrasound grading classification and Thy classification for assessment of thyroid nodules.

Objectives:

The aim of this audit is to evaluate the outcome of Thy 3 thyroid nodules and to assess the multidisciplinary team adherence to BTA guidelines recommendation.

Methods:

A retrospective review of cytology, ultrasound report and histology of 73 patients with Thy 3 cytology between 2014 and 2017 was performed. 23 were excluded as did not undergo surgery for various reasons.

Results:

The rate of malignancy in Thy 3 thyroid nodules is 24% (all Thy 3F) consistent with BTA guideline. Only 34% had U-grading and only 66% had nodule size measured which is important in risk assessment in the ultrasound reports. 30% were downgraded following multidisciplinary discussion.

Discussion:

Majority of ultrasound scans with no U-grading or size measurement were performed by sonographers. Some scans needed repeated by head and neck radiologist

Cytology should be reported by pathologist with thyroid interest as 30% downgraded at MDT meeting

Conclusion:

It is important to audit thyroid multidisciplinary team's adherence to the BTA guidelines in order to ensure best quality care is provided.