

FOLLICULAR VARIANT OF PRIMARY PAPILLARY THYROID CARCINOMA IN THYROGLOSSAL DUCT CYST: A CASE REPORT AND LITERATURE REVIEW

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Background/Purpose: Although Thyroglossal duct cyst (TDC) is one of the commonest thyroid anomalies, presenting as midline neck swelling, however, the malignant transformation is reported in only 1 % of cases. The most common being papillary thyroid carcinoma (PTC) followed by its follicular variant.

Methods: We discussed a case of 42 year old Saudi female presented with 2 year history of midline neck swelling, found to have Follicular variant of Primary papillary thyroid carcinoma in DTC. In this context we reviewed the literature using Pubmed, Embase, and Medline by using following terminologies: "Papillary Thyroid Carcinoma", and "Thyroglossal Duct Cysts".

Results: Follicular variant of Primary papillary thyroid carcinoma in DTC

Discussion & Conclusion: Whether DTC arises De novo from the ectopic thyroid tissue in TDC or metastasize from thyroid gland is still debatable . Moreover, despite the risk stratification, management and follow-up plans are not clear. Therefore we presented a case report with evidence based literature review to stress for the proper guidelines to be established for proper management and follow-up of these patients.