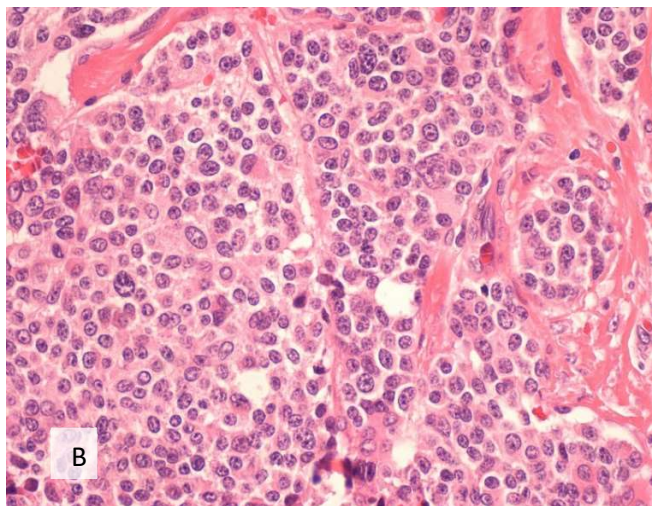
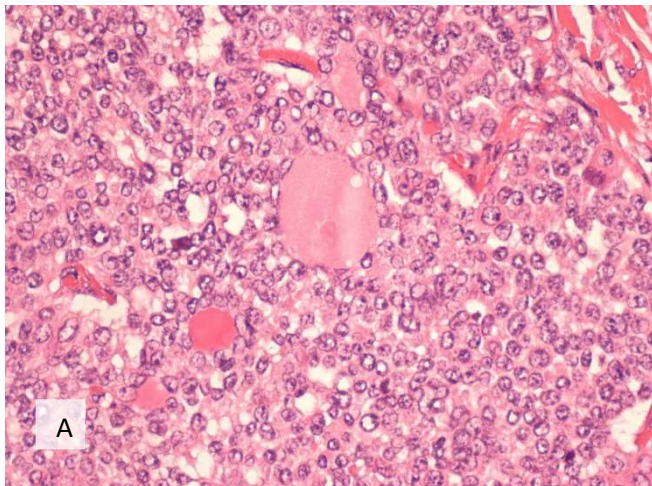


Figure 1 - Thyroid section showing mixed medullary and papillary thyroid carcinoma



A - Cells with characteristics of papillary thyroid carcinoma (irregular nuclear membrane, nuclear overlap and clarified chromatin), sometimes with follicle formation.

B - Interspersed with salt and pepper chromatin cells.

Histological type (WHO): Mixed carcinoma (composed) by a component of medullary carcinoma and another of follicular cells with characteristics of papillary carcinoma in the left lobe; In the right lobe, a 1mm papillary microcarcinoma is observed. Multifocality / intrathyroid spread: observed, with sizes from 1 to 23 mm. Vascular and lymphatic invasion: Observed. Infiltrative pattern. Invasion of the gland capsule: Observed Extra-thyroid extension: Observed; Limited, however, without involvement of striated muscle tissue. Margins: Not involved by neoplasia. Lymph nodes: Metastases (from the medullary and papillary components) are observed in 12 of the 38 lymph nodes isolated on the left and 8 of the 10 in the central region; Size of the largest metastasis: 20mm - **T2N1BM0**.