

**Case 4 Asymmetrical swelling thyroid gland, Cytology THY3f. Right hemi thyroidectomy**

- A section of thyroid shows a predominately atrophic follicular lesion with Hurthle cell changes separated by dense fibrous bands.
- Sparse luminal colloid is present.
- There is an associated lymphocytic cell infiltrate including lymphoid follicles with germinal centres.
- No neoplastic epithelial cell changes/No nuclear features of papillary thyroid carcinoma are not seen.
- No destructive lympho-epithelial lesions

**Diagnosis: Hashimoto's thyroiditis**

**Comment: Autoimmune disorder with autoantibodies to TSH**

**HLADR5/3**

**Can coexist with SLE RHA & SJS**

**May evolve into a lymphoma**