

CHIRURGIE CERVICO-FACIALE ET CANCÉROLOGIE

Lateral metastasis of papillary thyroid carcinoma, what else can it be?

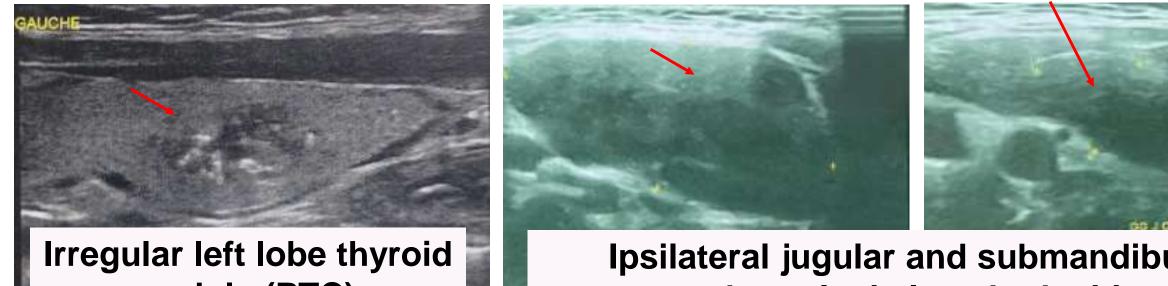
Introduction

Papillary thyroid carcinoma (PTC) is frequently associated with lateral nodal metastasis. However, different other entities can be associated with PTC and mimic lateral neck nodal metastasis.

Objectifs

We aim to point to the clinical presentation of different pathologies that present as nodal metastasis of PTC

Results				
Case 1	Case 2	Case 3	Case 4	Case 5
 21-year-old female →Total thyroidectomy with TT bilateral CND and LND for a Bethesda6 thyroid nodule with suspicious LNs and negative nodal FNA. → Histopathology: level II and III lymphadenitis tuberculosis without LNNM. 	 nodal FNA was non-contributive. TT, bilateral CND and LND 	 Case2: A 27-year-old female known history of nodal tuberculosis and lymphoma TT with bilateral CND and LND for a Bethesda 6 thyroid gland nodule and bilateral suspicious lymph nodes . Histopathology: PTC, CLNM and association of LLNM and tuberculosis at level IV. 	 remission Suspicious thyroid gland nodule → Total thyroidectomy with bilateral CND and unilateral LND → Histopathology: PTC, without nodal metastasis 	 A 75-year-old female lateral 7-centimeter neck swelling thyroid gland nodule (EU- TIRADS V) with a highly suspicious level II total thyroidectomy, bilateral CND and LND
AUCHE Image: Constrained of the second o	ilateral jugular and submandibular tuberculosis lymphadenitis	<image/>	Computed tomography scan , axial slides showing a lymphadenopathy at the level III (a) and II (b) responsible of a deviation of the vascular and laryngeal structures towards the contralateral side	Hodgkin lymphoma at the



tuberculosis lymphadenitis

Conclusion

- Although nodal metastasis of PTC is frequent, it is important to suspect other associated pathologies.
- The clinical context, ultrasound and nodal FNA can be helpful to make the diagnosis.
- Due to the frequency of nodal Tuberculosis in Tunisia, this diagnosis needs to be considered in any enlarged lymphadenopathy even in the context of PTC
- Pre-operative diagnosis of these entities is important to avoid an unnecessary lateral neck dissection

I. Kharrat 1, M. Ben Ayed 1, Y. Hbaieb1, C. Kammoun2, T. Boudaouara2, I. zouche3, I. Achour1, A. Chakroun1, B. Hammami1, I; Charfeddine1 1. Laboratoire de recherche Surdité vertige et cancers ORL, LR23ES01 Service ORL et CCF, CHU Habib Bourguiba, Sfax- Tunisie 2. Service d'anatomie et de cytologie pathologique, CHU Habib Bourguiba, Sfax-Tunisie 3. Service d'anesthésie, CHU Habib Bourguiba, Sfax-Tunisie

> We report 5 cases of an association between PTC with/without lateral neck nodal metastasis(LNNM) and a nodal localization of the following entities:

- Nodal tuberculosis
- Hodking lymphoma
- nasopharyngeal carcinoma

Results

Saif Andrabi et al, ,. Tuberculous cervical lymphadenitis masquerding as metastatis from papillary thyroid carcinoma. Int J Endocrinol Metab. 2012 Kim SM et al, . Tuberculosis cervical lymphadenopathy mimics lateral neck metastasis from papillary thyroid carcinoma. ANZ J Surg. 2016

Materials and methods

References

Ito T et al, Preoperatively diagnosed case with co-existence of papillary thyroid carcinoma and cervical tuberculous lymphadenitis. Int J Surg Case Rep. 2015

