

INTRODUCTION

Bilateral adrenal tumors are rare and account for 10 to 15% of adrenal lesions. They can be infectious, inflammatory, tumor, hémorragiques and genetic. The clinical and imaging used to guide diagnosis

AIM

Assess clinical, etiologic and therapeutic characteristics of bilateral adrenal masses

POPULATION, METHODOLOGY

This is a retrospective study of the cases of patients with bilateral adrenal masses collected over 26 years. All patients have benefited from a biological exploration (specific and non-specific) and oriented radiological investigation

RESULTS

34 patients were identified. The mean age at diagnosis was 45 ± 0.4 years sex ratio was 24 men / 10 women.

Diagnostic circumstances	%
fortuitous discovery	11.8
exploration of congenital adrenal hyperplasia	44.11
staging of thyroid cancer	17.64
exploration of a failure adrenal	2.94
adrenergic signs	23.51

AETIOLOGY	Number	%
bilateral pheochromocytoma	10	29.4
Adrenal metastases	8	23.52
nodular adrenal hyperplasia	15	44.1
and adrenal tuberculosis	1	2.94

RESULTS

The surgery was reported in 41,17 % (all cases of pheochromocytoma, nodular adrenal hyperplasia n: 3, suspicious adrenal masses of primitive non-Hodgkin lymphoma n:1)
 The intervention was recused in other cases of adrenal metastases.
 Monitoring was instituted in other cases.

- A All patients with adrenal metastases died Surgical patients did not recidivate
- T Tuberculous lesion has regressed and is calcified
- T THE other non-operated lesions were stable

DISCUSSION AND CONCLUSION

Bilateral adrenal masses are quite particular entity because of their rarity, their etiologies and treatment. They must be characterized to be treated effectively. The causes are varied and are dominated by secondary neoplastic lesions

The improvement of radiological techniques and therapeutic modalities have enhanced their management



A



B

Fig.1 A and B :
 Abdominal CT, axial section with
 coronary reconstruction image of two adrenal masses associated with metastatic phenotype T lymphoma