

# Endometrial stromal tumors with sex cord-like elements: a case report

Amal Benlemlih<sup>1</sup>, Hind El Fatemi<sup>1</sup>, Mouhcine Bendahou<sup>1</sup>, Taoufiq Harmouch<sup>1</sup>, Afaf Amarti<sup>1</sup>

<sup>1</sup>Department of Pathology, CHU Hassan II, FES, Morocco

## &Corresponding author

Amal Benlemlih, Department of Pathology, CHU Hassan II, FES, Morocco

## Abstract

Endometrial stromal nodules are rare. They represent less than a quarter of endometrial stromal tumors. Clement and Scully described as variants of endometrial stromal nodules two types of tumor resembling ovarian sex cord tumors. Type I is tumor that resembles focally an ovarian sex cord tumor which can be abbreviated ESTSCLE, or endometrial stromal tumors with sex cord-like elements and type II; uterine tumors with more than 40% sex cord-like differentiation so called UTROSCT for uterine tumor resembling ovarian sex cord tumor. Uterine tumours with sex cord-like differentiation are very rare with only 50 cases reported in the literature so far.

The diagnostic is based on microscopic findings. Immunohistochemical tests to elucidate their nature yield variable and polyphenotypic with coexpression of markers of epithelial, myoid and sex cord lineage as well as hormone receptors. We report an additional case of an endometrial stromal tumors with sex cord-like elements in a 48-year-old woman presenting with abnormal mass.

## Introduction

---

Endometrial stromal nodules are rare. They represent less than a quarter of endometrial stromal tumors [1].

Exceptionally, this benign tumour can resemble, at least focally, an ovarian sex cord tumor. Endometrial stromal tumors with sex cord-like elements (type I) have an unfavorable prognosis; and the uterine tumor resembling ovarian sex cord tumor UTROSCT (type II) containing more than 40% sex cord-like differentiation and less endometrial component are biologically less aggressive.

## Patient and observation

---

A 48-year-old multiparous woman presented with pelvic mass with abdominal pain, urinary tract symptoms, abnormal