

# Sclerosing stromal tumor of the ovary

- Rare ovarian neoplasm. It is considered a subtype of ovarian sex cord / stromal tumour and is included in the fibroma-thecoma group of ovarian tumors <sup>9</sup>.

## ● Epidemiology

- It occurs predominantly in young women, and its incidence peaks around the 2<sup>nd</sup> to 3<sup>rd</sup> decades of life <sup>1-2</sup>.

## ● Clinical presentation

- Patients may have menstrual irregularity and/or pelvic pain <sup>4</sup>. It is usually hormonally inactive, but it may occasionally have an oestrogenic effect (even more rarely an androgenic effect).

## ● Pathology

- It is histologically characterized by cellular heterogeneity, prominent vasculature, and a pseudolobular appearance composed of cellular and hypocellular areas. They generally tend to be unilateral <sup>3</sup>.

# US

- Described sonographic features (whilst being nonspecific) include tumor with multilocular cystic components
- Irregularly thickened septa and tumor walls or a solid tumor including several small cystic components.

# MRI

## ● T2

- signal intensities of the cystic components are high and those of the solid components were inhomogeneous, ranging from intermediate-high to high

## ● MR may show pseudolobulation 7-8 of the lesion which consists of low-intensity nodules set against high-intensity stroma on T2-weighted images 7

## ● T1 C+ (Gd): dynamic imaging may show marked early enhancement of the solid components .

