

DYSGERMINOMA:

- Primitive malignant germ cell tumor
- It is the ovarian counterpart of the seminoma of the testis

Risk factors: gonadal dysgenesis: - Turner, triple X syndrome.

PATHOGENESIS:

Chromosome 12 Abnormally is seen.

KIT mutation And Amplification
express Oct 3, Oct 4, Nanog.

MORPHOLOGY:

Grows usually unilateral

Appearance: solid, firm, oval, nodular, encapsulated

Cut section: soft, yellow-white to grey pink.

MICROSCOPY:

Pattern: sheets, groups, cords or nests separated by fibrous stroma.

⇒ Resemble primordial germ cell

⇒ Monotonous tumour cells (uniform)

⇒ large, Round to polygonal cell

⇒ Abundant cytoplasm

⇒ large nuclei centrally placed with fine reticular

chromatin

⇒ milky fibrous

stroma → is infiltrated by mature lymphocytes.

[figure.]