

Oogenesis

→ At week 4, primordial germ cells arrive & differentiate to Oogonia

↓
Oogonia

↓ Meiosis I

↓
1° oocytes [Formed by 5 months of fetal life; arrested the first time in prophase (diplotene) of meiosis I]

↓
Remains dormant until puberty.

At birth, 1° oocytes are present.

→ Girl reaches puberty, Each month produces 1° oocyte.

↓
Ovulated 2° oocyte. [Arrested 2nd time in metaphase of meiosis II] - & ovulated.

Fertilization, 2° oocyte. completes Meiosis II

↓
Mature oocyte polar body.

M, phase.

↓
50 years [Menopause].

Preview from Notesale.co.uk
Page 4 of 4