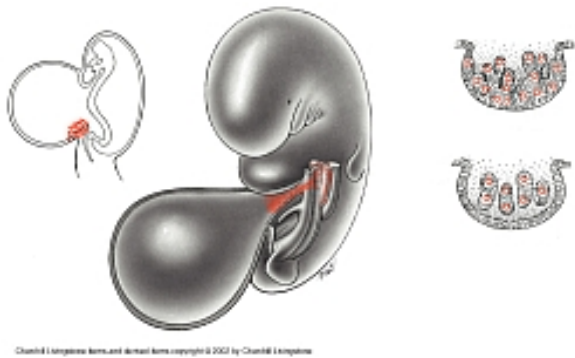


Hoofdstuk I: Voortplanting

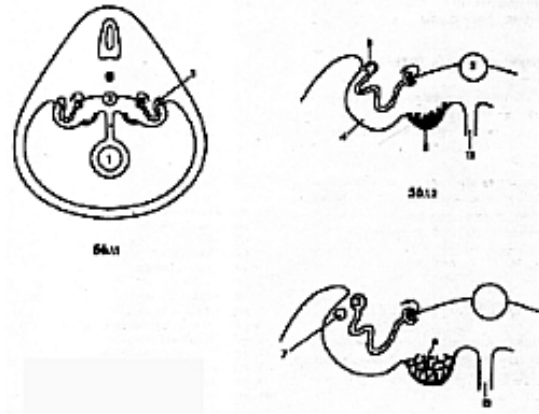
- Gametogenesis
- Spermatogenesis
- Ovogenesis
- Bevruchting

Oorsprong en migratie kiemcellen

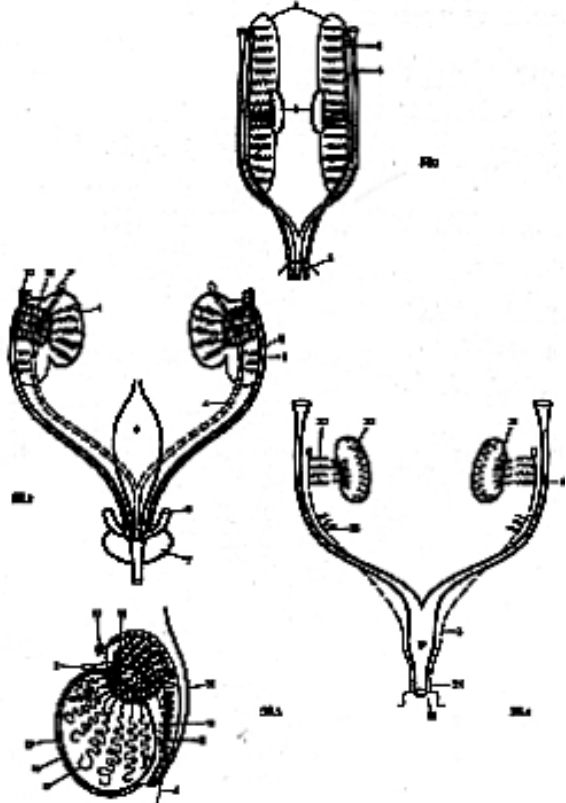


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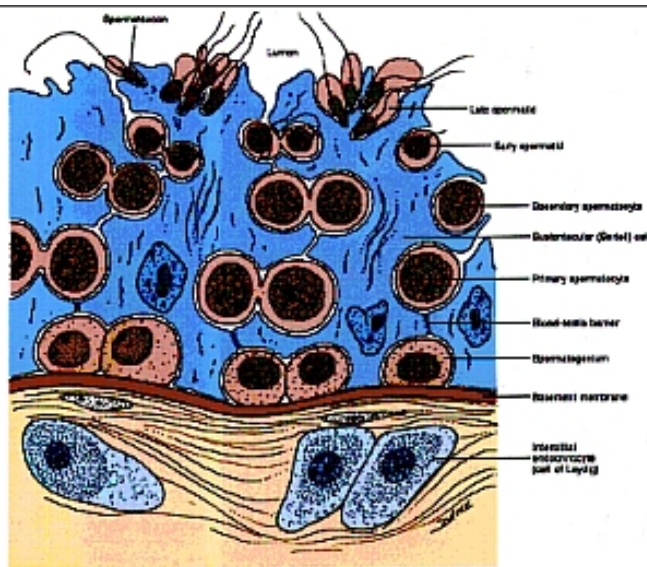
Eindbestemming gameten



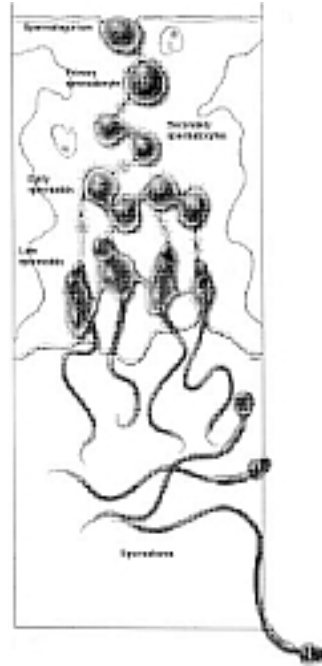
Differentiatie van de gonade



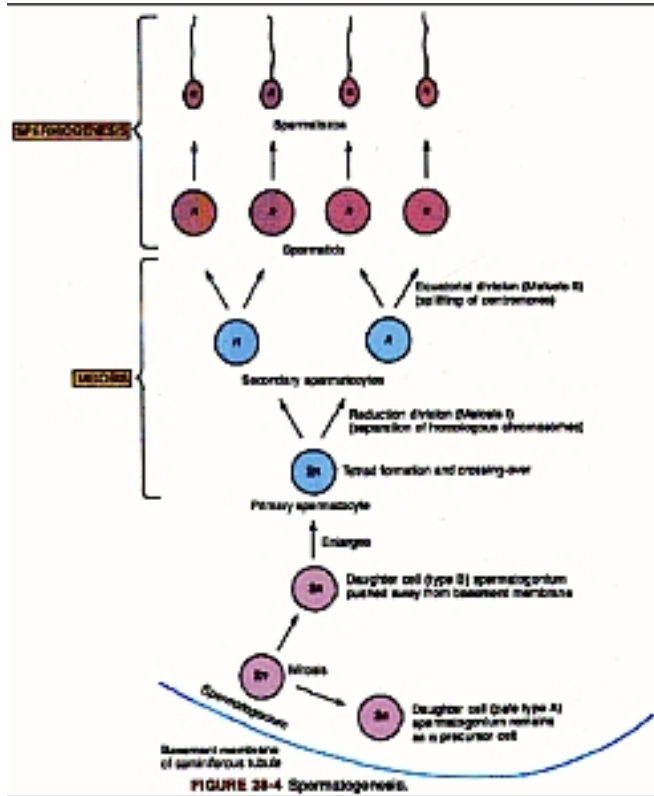
Spermato- en spermiogenesis



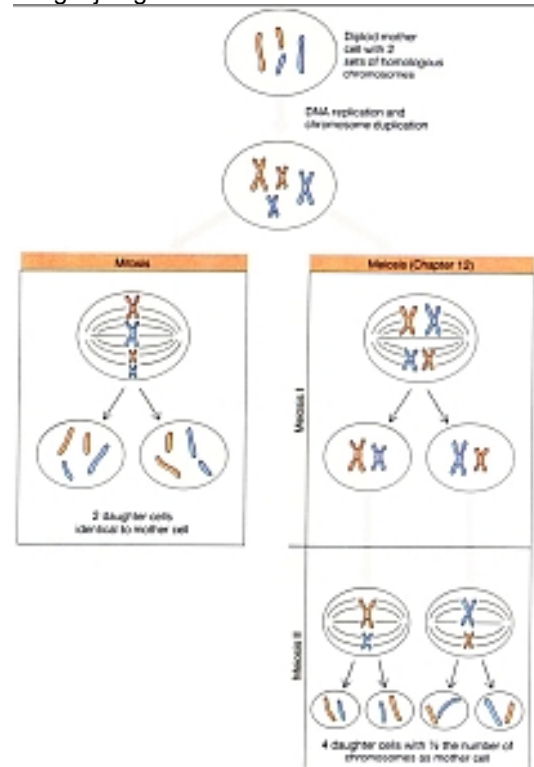
Opbouw wand tubulus seminiferus



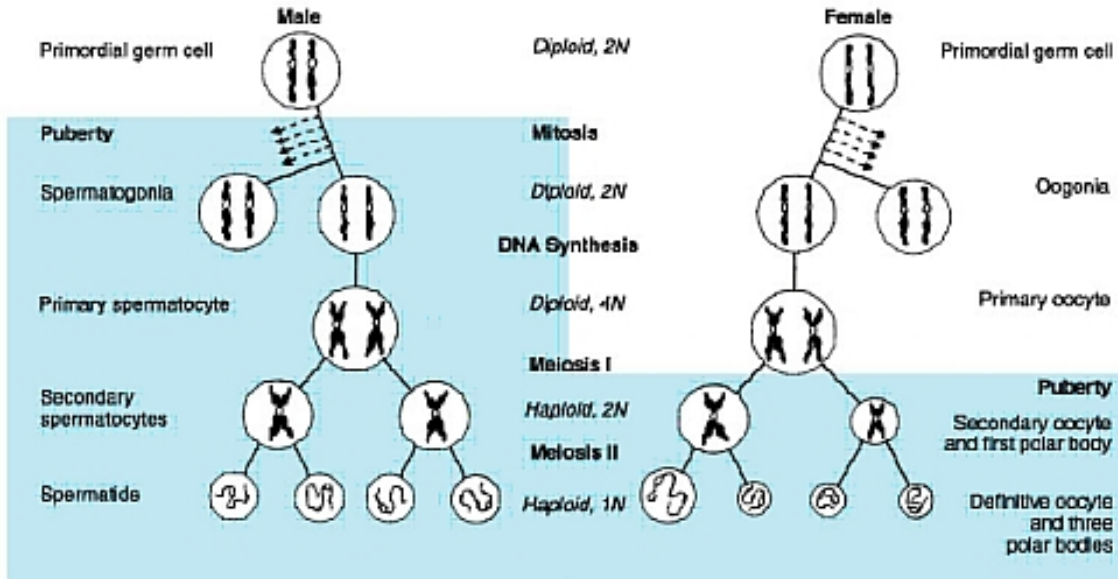
Spermatogenese



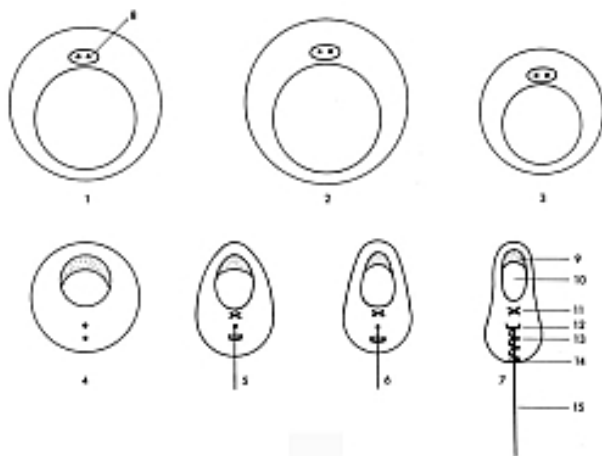
Vergelijking mitose – meiose



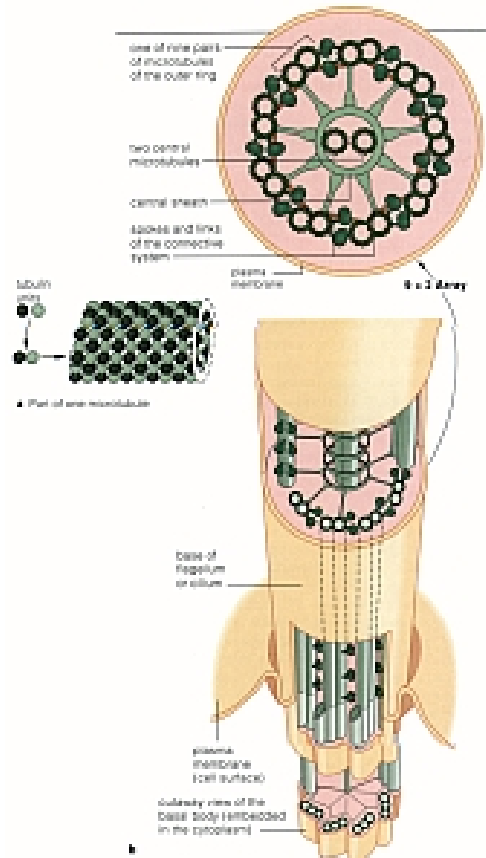
Meiose bij mannelijk en vrouwelijk individu



Spermiogenesis

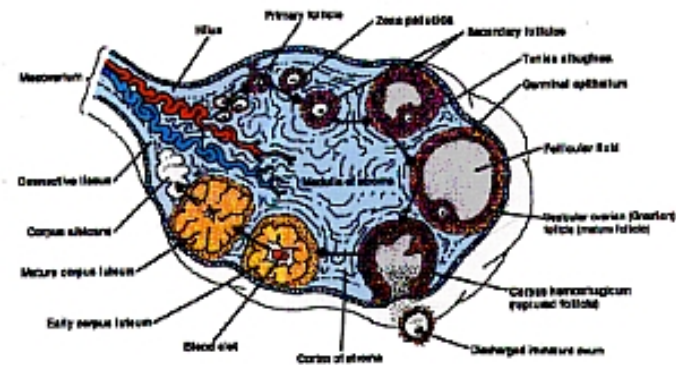


Ultrastructuur flagellum



Ovogenesis

Rijping eicel



Ovogenesis

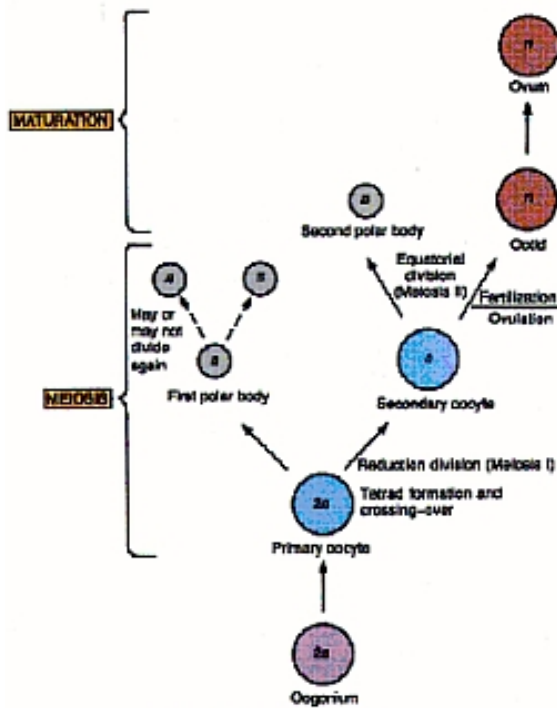
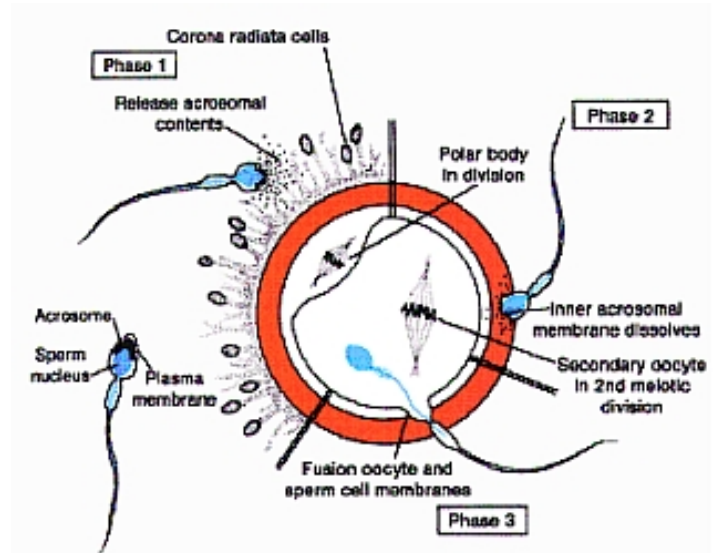


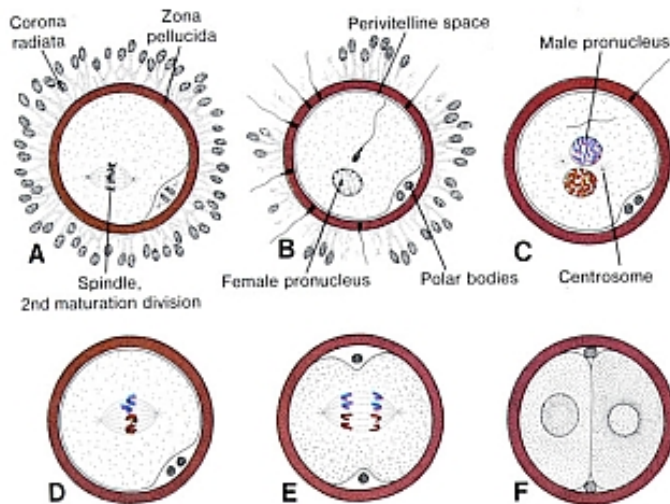
FIGURE 26-14 Oogenesis.

Bevruchting

Fasen penetratie eicel



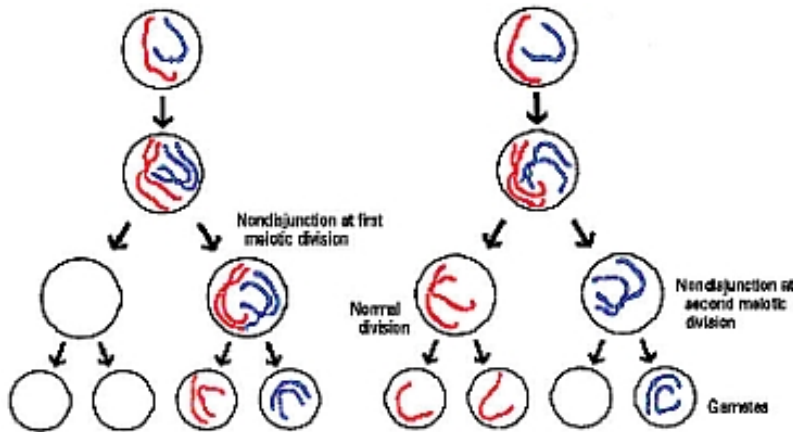
Bevruchting



Pathologie van de bevruchting

- Aneuploïdie
 - Afwijking in autosomen (→ trisomie)
 - Afwijking in allosomen (→ pseudo-hermaphrodieten)
- Abnormale bevruchting

Chromosomale afwijkingen: non-disjunctie



Trisomie vaak gevolg non-disjunctie

Ontstaan twee(meer)lingen

- Vrije symmetrische mono-/dizygote
- Vrije asymmetrische mono-/dizygote
- Versmolten symmetrische/ asymmetrische

Ontstaan van monozygote tweelingen

