Course outline General Embryology

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| **General embryology** (introduction) |
| Gametogenesis |
| Mitosis & meiosis |
| Morphological changes during |
| Spermatogenesis |
| Ogenesis |
| Ovarian cycle and ovulation |
| Cephalocaudal& lateral |
| Crown rump length |
| Somites |
| Ext. Appearance of an embryo |
| Fetal membranes & placenta |
| Amnion & amniotic cavity |
| Umbilical cord |
| Parturition |
| Teratology (cong. Abnormalities) |
| Birth defects |
| Fertilization |
| Results of fertilization |
| First week of development |
| Cleavage |
| Morulla formation |
| Blastocyst formation |
| Implantation |
| Ectopic pregnancy |
| Twin pregnancy |
| Revision |
| Second week of development |
| Bileminar germ -disc |
| Primitive yolk sac |
| Definitive yolk sac |
| Uteroplacental circulation |
| Extra embryonic coelom |
| Extra embryonic mesoderm |
| Chorionic villi |
| Connecting stalk |
| Revision |
| Test (Written) |