

**Higher Human Biology**

**Physiology and Health: Biology of Fertility Control (Key Area 3)**

By the end of this topic I will be able to:

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| 1. State that infertility treatments and contraception are based on the biology of fertility.
2. Be aware of the risks and ethics associated with fertility treatments.
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| 1. Define the term cyclical fertility in females.
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| 1. Define the term continuous fertility in males.
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| 1. Explain what is meant by a fertile period.
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| 1. Successfully calculate a fertile period.
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| 1. State that there are various treatments for infertility such as stimulating ovulation, artificial insemination, intra cytoplasmic sperm injection and in vitro fertilisation.
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| 1. Explain the process of ovulation stimulation.
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| 1. Describe the process of artificial insemination.
2. Describe the process of intra cytoplasmic sperm injections.
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| 1. Describe the different stages of IVF.
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| 1. Define the term contraception and state that there are two types: physical and chemical.
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| 1. State that there are different types of physical contraception and explain the biological basis for these methods.
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| 1. Explain the role of chemical contraception including the hormones involved.
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