[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.easyfundraising.org.uk/causes/stninianshigh/&ei=FUo-Vc-cLoTyUJizgVg&bvm=bv.91665533,d.d2s&psig=AFQjCNEa08WlCtOW9WaJdemFWEmqt2bMNA&ust=1430231952650835)

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