

Science & Technology 6: Reproductive Anatomy and Contraception

Aim/Rationale

Students will understand both reproductive anatomy with respect to contraception.

Competencies

- 1) *Seeks answers or solutions to scientific or technological problems.*
- 2) *Makes the most of their knowledge of science and technology.*
- 3) *Communicates in the languages used in science and technology.*

Materials

- Computer with projector

Hook

Students will individually complete the benchmark quiz on contraception.

Development/Teaching Method

1. Methods of Contraception (30 minutes)

- Present the Hormonal and Non-hormonal Contraception Presentations from sexualityandu.ca
- Include some information about these additional methods of contraception:
 - **Spermicide:**
 - Cream containing a chemical called nonoxynol-9
 - Not a reliable contraceptive method alone, should be used with a diaphragm or condom
 - Chemical kills sperm on contact
 - Only lasts for 1 hour, therefore must be inserted right before sex
 - Increases risk of contracting HIV and other STIs because it irritates mucous membranes
 - **EMERGENCY hormonal contraception:**
 - 2 estrogen or combined (estrogen-progestin) pills taken up to 72 hours after unprotected sex (most effective within 48 hours)
 - Prevents ovulation and stops implantation of a fertilized egg
 - Available at a pharmacy with consultation with a pharmacist, no prescription necessary
 - May cause side effects like nausea and vomiting
 - Not to be used as a regular method of contraception (overuse can cause serious side effects—ask your doctor or pharmacist)

2. Review the benchmark quiz from the beginning using knowledge gained.



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