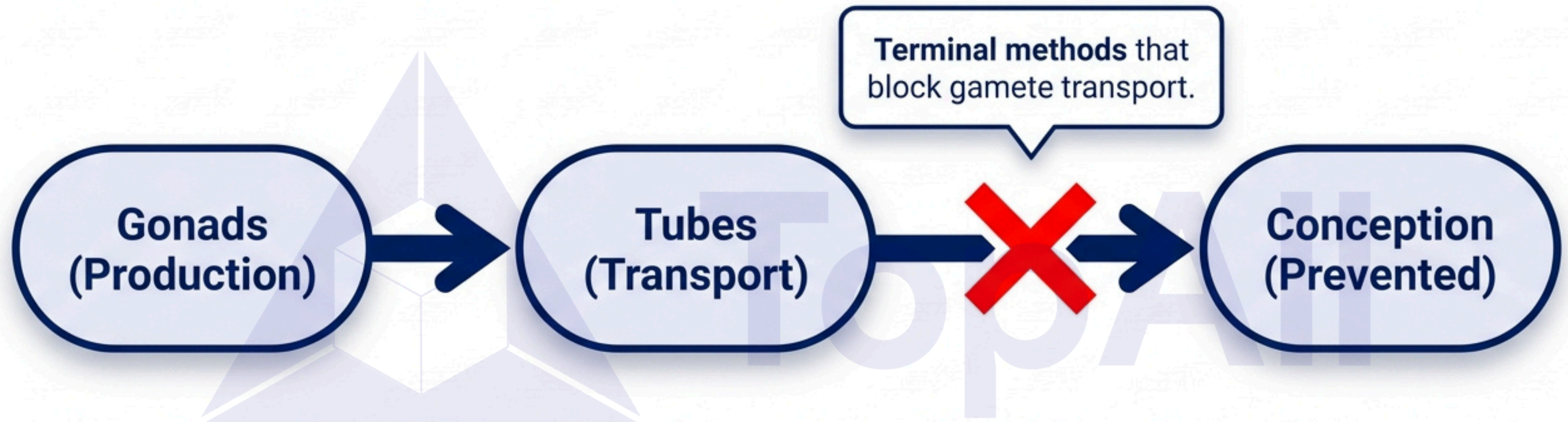




Surgical Contraception: Vasectomy and Tubectomy

Class 12 Biology NEET Revision • Section 5.4

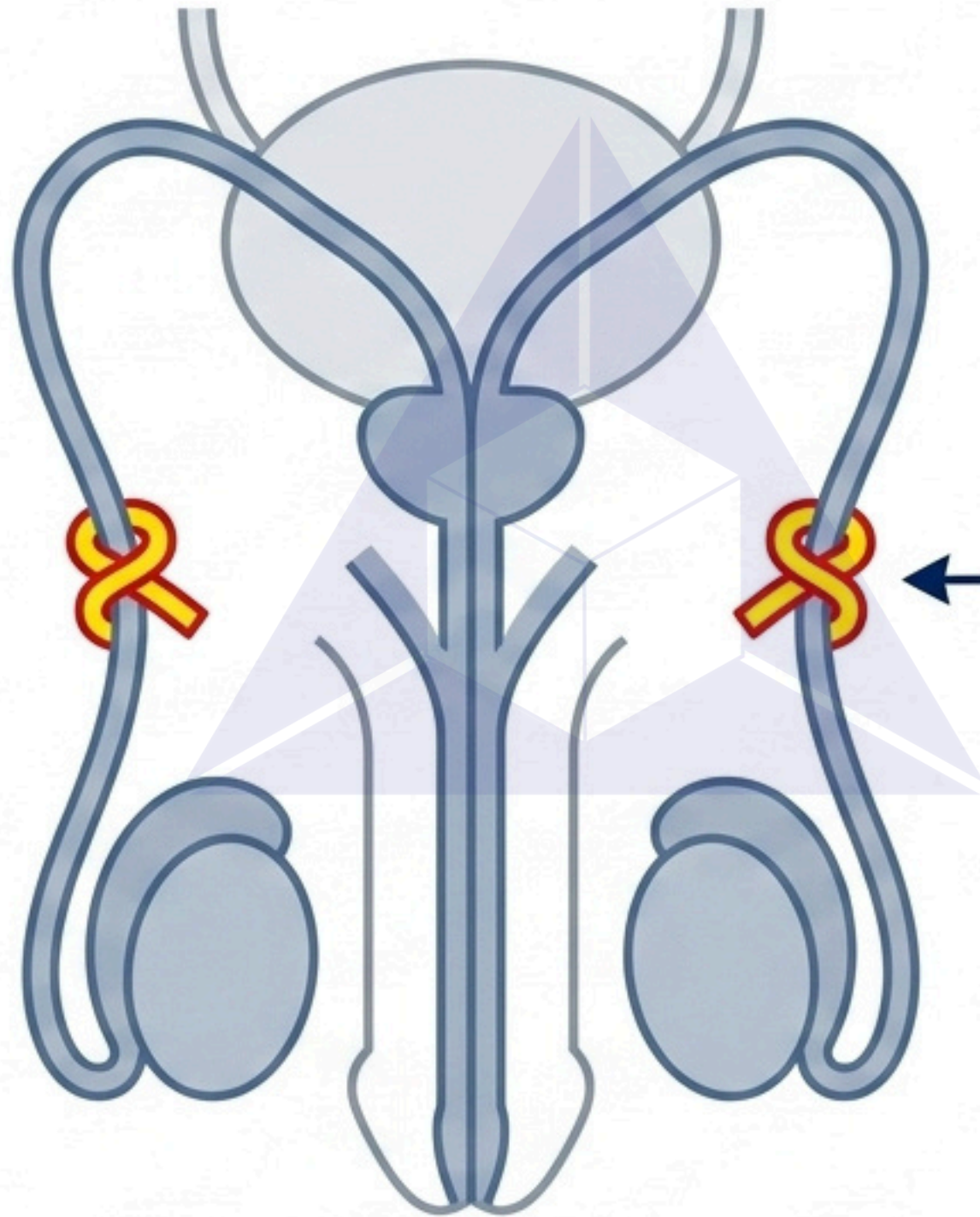
The Core Principle: Blocking Transport



Quick Tip

Surgical methods are terminal contraceptive methods. They do not stop gamete production; they block gamete transport.

Vasectomy (Male Sterilisation)



Incision is made on the scrotum.



A small part of the vas deferens is tied and cut.



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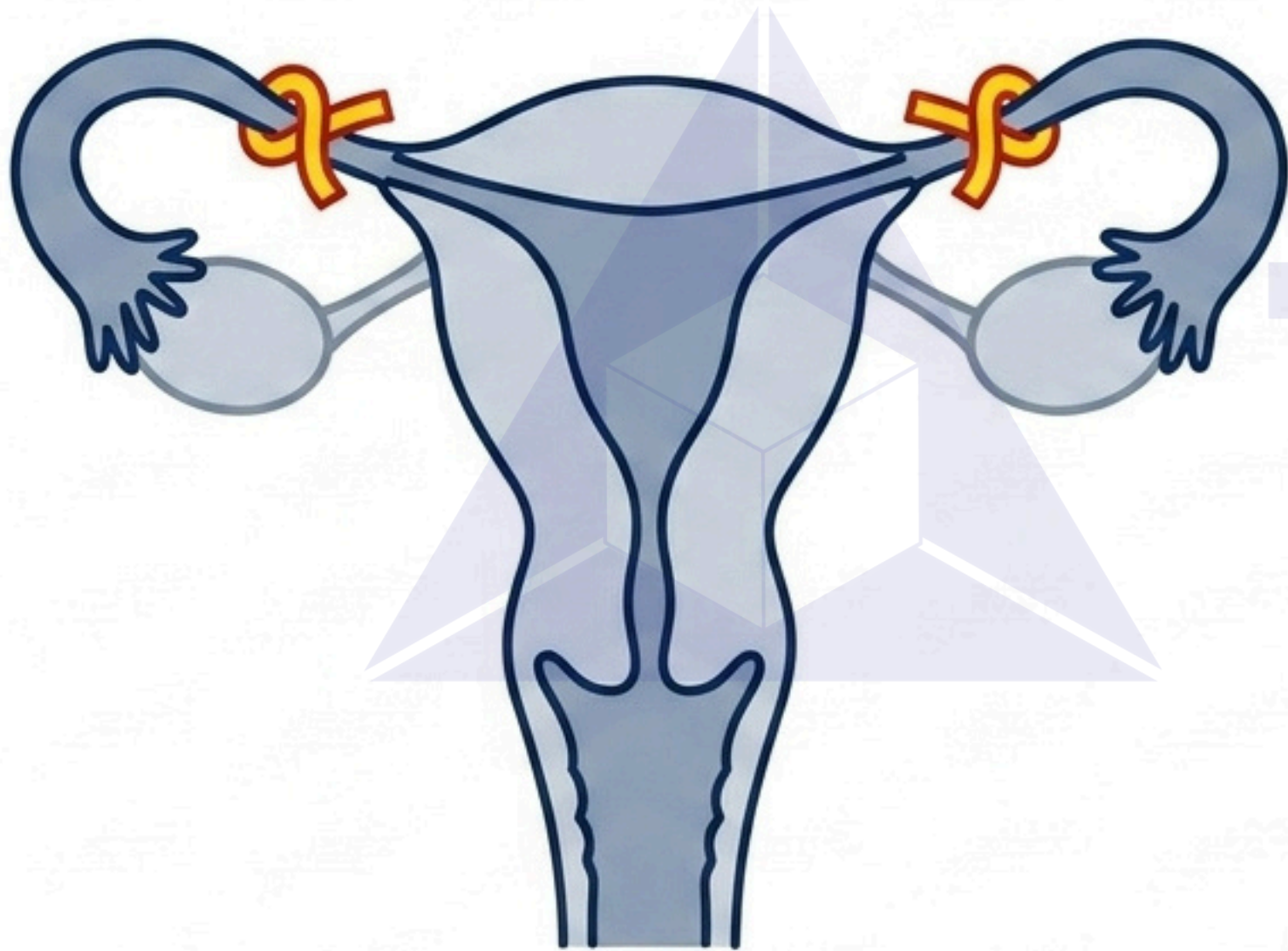
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Tubectomy (Female Sterilisation)



Incision is made in the abdomen or through the vagina.



A small part of the fallopian tubes is tied and cut.

Diagnostic Matrix: Vasectomy vs. Tubectomy

	♂ Vasectomy 🍆	♀ Tubectomy 🍇
Target	Male	Female
Structure Cut	Vas Deferens	Fallopian Tube
Incision Site	Scrotum	Abdomen or Vagina
Gamete Blocked	Sperm transport	Ovum transport

The Clinical Reality



Highly Effective

Almost 100% success rate in preventing conception.



Poor Reversibility

Reserved for couples sure they do not want more children.

Do not confuse 'effective' with 'ideal for everyone'. High efficacy makes it a great method, but poor reversibility means it is only for terminal family planning.

NEET Recall & Application

★ Key Takeaway

**Vasectomy blocks sperm transport;
tubectomy blocks ovum transport.**

Which of the following is an incorrect statement regarding surgical methods of contraception?

A) They are terminal methods.

B) They are highly effective.

C) Their reversibility is excellent. ✗

D) They block gamete transport.



You've Learned the Theory.

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