



Endo – physiology

Archive

Lecture 4

Post. Pituitary

physio -lecture (4)

Which of the following stimulate release of ADH :

- A- Decrease osmolarity which stimulate osmoreceptor.
- B- Increase osmolarity which Inhibit osmoreceptor.
- C- Hemorrhage is the most potent stimulus.
- D- Alcohol consumption.

Answer: C

All off the following related to oxytocin is incorrect except :

- A- Milk ejection is the most important function.
- B- Helps the process of normal labor.
- C- Helps involution of the uterus after delivery.
- D- Has antidiuretic effect.
- E- Increase uterus sensitivity to progesterone

Answer: E

physio -lecture (4)

If a woman hears her baby cry, she may experience milk ejection from the nipples even before the baby is placed to the breast. What is the explanation for this?

- A) The sound of the hungry baby's cry elicits secretion of oxytocin from the posterior pituitary, which reaches the breast and causes contraction of the myoepithelial cells
- B. The sound of the hungry baby's cry causes a reflex relaxation of the myoepithelial cells, allowing the milk to flow
- C. The sound of the hungry baby's cry elicits a surge of prolactin from the anterior pituitary, which promptly stimulates milk production from the breast.
- D. The sound of the hungry baby's cry elicits sympathetic nervous system discharge that causes contraction of the myoepithelial cell

Answer: A