



Endo – physiology

Archive

Lecture 1

hypothalamic. Pituitary relationship

Done by :

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physio -lecture (1)

1. The hypothalamo - hypophysial portal system carries hormones from the? Select one:

- A. Brain to thyroid gland
- B. Anterior pituitary to the hypothalamus
- C. Hypothalamus to the posterior pituitary
- D. Posterior pituitary to the hypothalamus
- E. Hypothalamus to the anterior pituitary/

answer: e

2. Which of the following not produce by anterior pituitary ?

- A. TSH
- B. FSH
- C. GH
- D. Prolactin
- E. ADH /

Ans:e

3. Which of the following not secreted by anterior pituitary P

- A. TSH
- B. ACTH
- C. FSH
- D. Oxytocin /

Answer:d

4. Which of the following anterior pituitary hormones plays a major role in the regulation of a nonendocrine target gland?

- A) Adrenocorticotrophic hormone
- B) Thyroid-stimulating hormone
- C) Prolactin
- D) Follicle-stimulating hormone
- E) Luteinizing hormone

Answer: c

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5. All of the following are affected by inhibitory and stimulatory hormones of the hypothalamus except:

except:

A - Prolactin.

B - TSH.

C - MSH.

E - ESH.

answer : c

6. Which of the following statements is correct:

A - Short loop feedback means physiological effect itself inhibits the secretion of the gland itself.

B - Long loop feedback means control by the hormones of the effector organ.

C - Long loop feedback means physiological effect itself inhibits the secretion of the gland itself.

D - Short loop feedback means control by the hormones of the effector organ.

E - Ultra short feedback means control by the pituitary hormones themselves.

Answer: b

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7. Which is correct about connection between hypothalamus and pituitary gland :

- A- Vascular connection between hypothalamus and anterior pituitary in the form of hypothalamo-hypophyseal tract.
- B- Vascular connection between hypothalamus and anterior pituitary in the form of hypothalamo-hypophyseal portal circulation.
- C- Nervous connection between hypothalamus and anterior pituitary in the form of hypothalamo-hypophyseal portal circulation.
- D- Vascular connection between hypothalamus and posterior pituitary in the form of hypothalamo-hypophyseal tract.
- E- Nervous connection between hypothalamus and posterior pituitary in the form of Hypothalamo-hypophyseal portal circulation.

Answer: b

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8. All of the following increase after taking glucocorticoid except :

- A - Histamine.
- B- Blood pressure.
- C- Glucose.
- D- Plasma lipids.

answer: a

9. One of the following will inhibit prolactin secretion :

- A - Bromocriptine.
- B- Ganirelix.
- C- Gonadorelin.
- D- Growth hormone.
- E- Leuprolide.

answer : a

10. Which of the following inhibit growth hormone secretion from hypothalamus :

- A - Stress.
- B- Starvation.
- C- Hypoglycemia.
- D- Sleep.
- E- Somatomedin. Somatostatin

answer: e