Paramedic Emergency Care

Questions and Answers

From Bradys Paramedic Emergency Care 3rd Edition

Endocrine and Metabolic Emergencies

1. Which can stimulate the thyroid to release it's hormones?
p. 728

A.) Heat
B.) Brightness
*C.) Cold
D.) Darkness

2. Which condition occurs when insulin levels are excessive?
p. 733

A.) Neuritis
B.) Empty sella
*C.) Hypoglycemia
D.) Diabetes

3. Which gland controls the other endocrine glands?
p. 726

A.) Hypothalamus
*B.) Pituitary
C.) Adrenal
D.) Thyroid

4. What percentage of the adrenal cortex's hormone production is composed of glucocorticoids?
p. 729

*A.) 95%
B.) 85%
C.) 75%
D.) 65%

5. What is the most common form of sugar in the bloodstream?
p. 731

A.) Fructose
*B.) Glucose
C.) Galactose
D.) Lactose

6. What is a key difference between the presentation of hypoglycemia and diabetic ketoacidosis?
p. 735

*A.) Hypoglycemia can come on quickly
B.) Hypoglycemia presents with dry, warm skin
C.) Diabetic ketoacidosis presents with cold, clammy skin
D.) Diabetic ketoacidosis can come on quickly

7. Which type of cell within the pancreas releases insulin?
p. 729

*A.) Beta
B.) Alpha
C.) Delta
D.) Theta

8. Which endocrine disorder is characterized by inadequate insulin production by the beta cells of the islets of Langerhans in the pancreas?
p. 730

A.) Grave's disease
*B.) Diabetes mellitus
C.) Hypoglycemia
D.) Thyrotoxicosis

9. Which is NOT a clinical presentation of diabetic ketoacidosis in the early stages?
p. 732

*A.) Decreased hunger
B.) Malaise
C.) Increased thirst
D.) Increased urination

10. What type of vision does a person suffering from a hypoglycemic episode present with?
p. 736

*A.) Double
B.) Single
C.) Bright
D.) Dim

11. Which type of diabetes mellitus requires a daily dose of insulin?
p. 731

A.) III
*B.) I
C.) II
D.) IV

12. What sign does NOT help to determine that a patient is in ketoacidosis?
p. 733

A.) Nausea and vomiting
B.) Kussmaul's respirations
*C.) Foul smell on the breath
D.) Weakness

13. Which regulates the amount of calcium in the body?
p. 728

A.) Gonad
B.) Adrenal gland
C.) Pancreas
*D.) Parathyroid

14. How many milliliters of 50 percent dextrose should be administered by IV to a patient with a blood glucose reading of less than 60 mg/dl?
p. 736

A.) 150-200
B.) 100-150
C.) 200-250
*D.) 50-100