

Endocrine

Archer Review Crash Course

Welcome! **learnexams**

- If you have a question please enter it in the chat! I will do my best to answer questions as we go, but if I miss one will always circle back to you!
- We will be taking two 10 minute breaks during the class
- Handouts & powerpoint slides are located in the 'Handouts' section of your GoToWebinar control panel. You can download and print them from here!
- If you have any technical issues or questions about streaming, handouts, etc. please email support@archerreview.com

Hormone -

Glucocorticoids, mineralocorticoids,
and sex hormones....

STEROIDS

Not enough steroids →
Addison's disease

Too many steroids → Cushing's
disease

Steroids

Produced by the adrenal cortex

Glucocorticoids

Affect mood

Cause immunosuppression

Breakdown fats & proteins

Inhibit insulin

Mineralocorticoids - **aldosterone**

Retention of sodium and water

Excretion of potassium

Sex hormones - **testosterone, estrogen, progesterone**

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Addison's Disease

What is Addison's Disease

Adrenocortical insufficiency - not enough steroids

Decreased glucocorticoids

Fatigue

Weight loss

Hypoglycemia

Confusion

Decreased mineralocorticoids

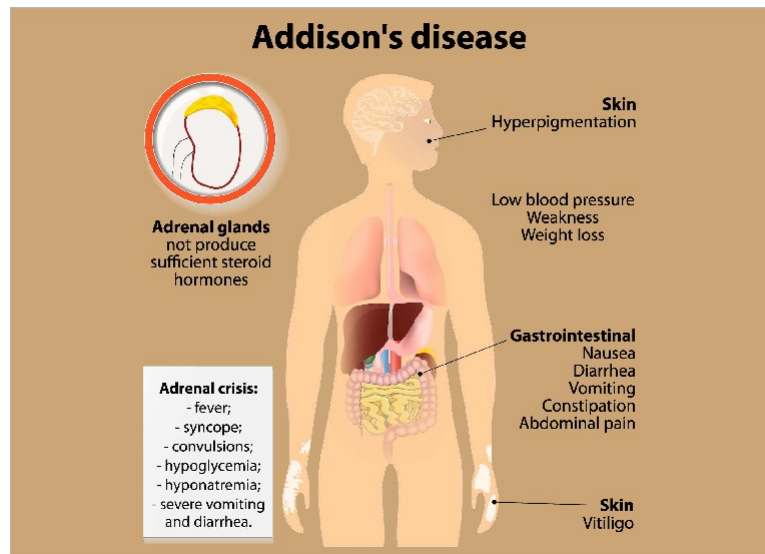
Loss of sodium and water → hyponatremic, fluid volume deficit

Retention of potassium → hyperkalemic

Hypotension

Decreased sex hormones

Assessment



Treatment

Think **SHOCK!**

IV fluid administration
Increased sodium intake

I&O

Daily weight

Replace steroids

Prednisolone

Fludrocortisone

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