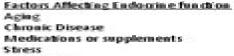
#### MedSurg Exam 1 Study Guide

#### Endocrine Overview

Endocrine system
Includes glands that secrete hormones
found in various locations in the body

#### Endocrine Glands, Hormones, and Symptomology

Endocate Gland	Hormone Name	Symploms Outclancy	Symptoms Overproduction
ADRIBACI	Curlino	fluifigure, weekgist koo. Indicality no higher strong, poor secretarity	maris folique
	Addosterone	notigue, dittimest on standing	high blood pressure
FANCRIAL	R10URS	DICE-eties	margin gain. Infigure
	Glucagor	Hypoghypemio, weight gein	Disbeter
IH-ROID	14 5 13	Fall at all depressions weight grain	Forgue onwichs seems ling
PARATHERO D	PER	Tingling, depression	Abidominal point. Refigue, depression



Environment Genetics

#### Overview of A. & P.

Neuroendocrine Regulation

- 1. Hypothalamic-Pituitary Complex
- 2. Nezative feedback

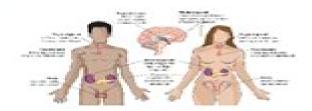
Hypothalamus releases thyrotropin releasing hormone (TRH)
The anterior pituitary releases thyroid stimulating hormone (TSH)
The thyroid releases thyroxine (T4) and triodothyronine (T3)

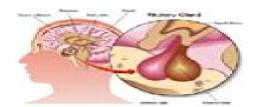
#### So what can go wrong? Too much or too little...

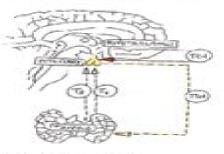
If the problem is in the TARGET organ, it's called a PRIMARY disorder if the problem is in the pituitary, it's called a SECONDARY disorder if the problem is with the hypothalamus, it's called a TERTIARY disorder Example:

Licampoes

- If the thyroid gland is destroyed by an autoimmune process and can no longer produce thyroid hormones, the problem is called PRIMARY HYPOTHYROIDISM
- If the pituitary gland is unable to release TSH (thyroid stimulating hormone) to stimulate the thyroid to release thyroid hormones, the problem is called SECONDARY HYPOTH YROIDISM.
- 3. Hypothalamic problem? TERTIARY







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