

Reaching the Age of Adolescence

Endocrine System & Hormones

HUMAN ENDOCRINE SYSTEM

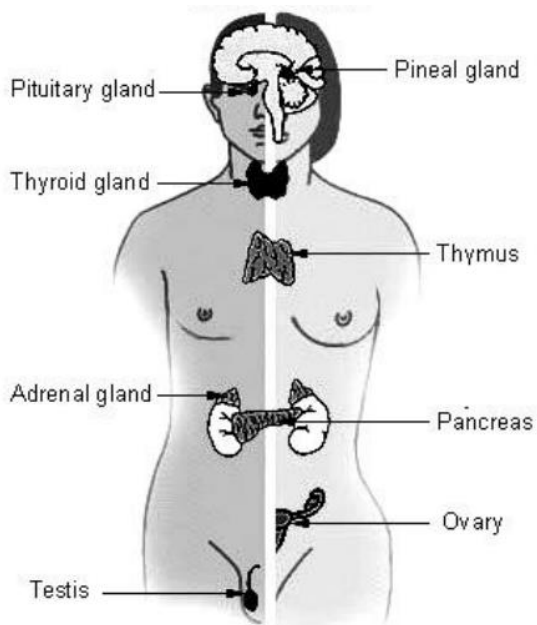
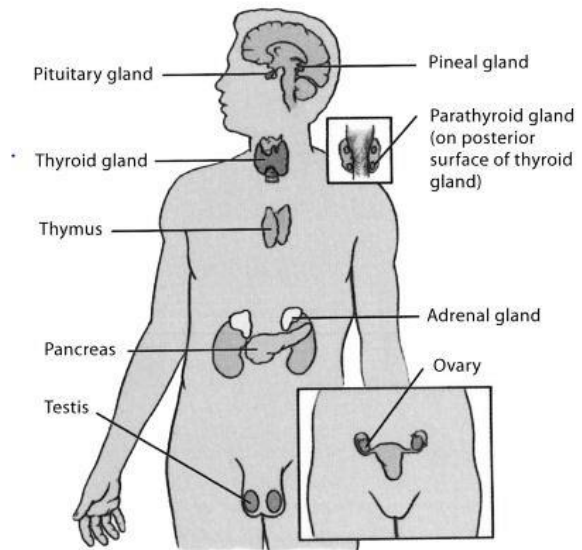
- The branch of biology which deals with study of endocrine system and its physiology is known as "endocrinology".
- "Thomas Addison" is known as 'Father of Endocrinology'.
- The glands which pour their secretion directly in the blood are called endocrine glands. These glands lack ducts, so these glands are called ductless glands. e.g. – Thyroid gland, parathyroid gland.
- Whereas the glands with duct are called exocrine glands. e.g. – Sweat gland, salivary gland.
- Pancreas has both exocrine and endocrine part, so it is also called mixed gland or common gland or heteroaryne gland.

HORMONES

- Substances secreted by endocrine glands are called "Hormones".
- The term hormone was coined by Starling.

Various endocrine glands present in the human body are:

- | | |
|-------------------------------------|------------------------|
| (i) Pituitary gland (or Hypophysis) | (ii) Pineal gland |
| (iii) Thyroid gland | (iv) Parathyroid gland |
| (v) Thymus gland | (vi) Adrenal gland |
| (vii) Pancreas | (viii) Ovaries |

Major Endocrine Gland**Male Female****Major Endocrine Gland****Male Female**

1. What are hormones?
2. What are endocrine glands?
3. What are the secretions of endocrine glands known as?
4. Distinguish between exocrine and endocrine glands.
5. Term "Hormone" was coined by?