

CONF N°8 ANGLAIS

VOCABULAIRE

Hypophyse	hypophysis		pituitary	
Diabète de type 1	type 1 diabetes		insulin-dependant diabetes	
T1D	juvenile diabetes		diabetes mellitus type 1	
Mobiliser	marshal			
Diagnostic	diagnosis			
Déambulateur	walking frames			
Etre de garde	be on call			
Adapter	tailor			
Urgences	A&E = Accident and Emergency			
Tackle	s'attaquer à	lutter contre	faire face à	affronter
Attend	soigner	assister	accompagner	servir

THE ENDOCRINE SYSTEM

The pituitary gland is pea-shaped, lies in the sella turcia of the sphenoid bone, develops from an outgrowth of ectoderm and connect to the hypothalamus via the infundibulum.

The anterior lobe of the pituitary is reached by hypothalamic hormones by the portal blood vessels, is also called « adenohypophysis », its five principal cells secrete seven major hormones.

The most common abnormality associated with dysfunction of the posterior pituitary gland is diabetes insipidus.

Disorders associated with abnormal levels of hGH are pituitary dwarfism, gigantism and acromegaly.

ADH is also called vasopressin, stimulates water reabsorption by the kidneys. Its insensitivity of the kidney leads to diabetes insipidus. Its secretion is controlled by osmotic pressure of the blood.

Thyroid hormones are synthesized from iodine and tyrosine.

Among the disorders associated with the thyroid gland are Graves disease, cretinism, myxedema and goiter.

The adrenal glands are located superior to the kidney, consist of an outer cortex and an inner medulla, are also called suprarenal glands and lie within the renal fascia.

The pancreas consists of islets and acini.

The pineal gland is attached to the roof of the third ventricle, consists of secretory cells called pinealocytes and secretes melatonin.

The placenta produces hCG, estrogens, progesterone, relaxin and human chorionic somatomammotropin.

Adrenaline is known as epinephrine in the US, is normally produced by both the adrenal glands and certain neurons, plays an important role in the fight-or-flight response. In high levels it causes smooth muscle relaxation in the airways.

Cushing syndrome is characterized by a moon face, a buffalo hump, excess sweating, thinning of the skin and hirsutism.

GRAMMAIRE – COMPARATIVE AND SUPERLATIVE

	COMPARATIVE	SUPERLATIVE
1 syllabe	-ER	-EST
2 syllabes	au choix	au choix
3 syllabes	MORE	the MOST

Quelques particularités :

	COMPARATIVE	SUPERLATIVE
much	more	the most (si seulement 2, the more)
bad	worse	the worst
good	better	the best
little	less	the least
far	farther / further (abstrait)	the farthest / furthest (abstrait)
old	older / elder (famille)	the oldest / eldest (famille)

ATTENTION :

- the last, le dernier (plus rien après)
- the latest, le dernier (le plus récent)
- fewer, relatif à qqch que l'on peut compter comme des personnes
- less, relatif à qqch indénombrable comme de la place

ÉGALITÉ, as .. as

UTILISATION DE CHIFFRES,

- x times as MANY/ MUCH as, sauf once (1 fois) et twice (2 fois)
- the number has tripled = the number has been multiplied by 3 = the number has increased threefold = the number has shown a threefold increase.

CRITICAL APPRAISAL – CLINICAL TRIALS

In a clinical trial, a measure that allows one to decide whether the null hypothesis of a clinical trial should be accepted or rejected is called the endpoint.

Primary endpoints measure outcomes that will answer the most important question being asked by a trial, such as whether a new treatment is better at preventing disease-related death than the standard therapy.

A measurement representing a specific measure or count (e.g., quality of life, blood pressure, or heart rate) is said to be quantitative, numerical, continuous.

Ideally, a trial should have a single endpoint based on just one outcome measure

Most very large clinical trials have a primary endpoint consisting of multiple outcome measures, are sufficiently powered for statistically valid pre-specified subgroup analyses to be performed, increase the probability that repetition of that very same trial would result in the same outcome and concern several clinical research centers .