



Managing the Human
Cloud

Thecasesolutions.com



*Managing the Human
Cloud*

Thecasesolutions.com

Endocrine system and child

Development and growth

sexual differentiation and reproduction

Maintenance of internal environment

regulation of metabolism and nutrition
supply

Thecasesolutions.com

Under functioning gland

Hypothyroidism
Hypoparathyroidism

Thecasesolutions.com

Hyper functioning gland

Hyperthyroidism
Hyperparathyroidism

single hormone affected

Hypothalamic
growth hormone deficiency

Thecasesolutions.com

Multiple hormones affected

Diabetes Mellitus
Adrenal insufficiency

*How can endocrine problems
present*

Thecasesolutions.com

Transient endocrine problems

Transient reduced testosterone after surgery
Resolution of high dose steroid therapy

Thecasesolutions.com

permanent/ life long endocrine problems

Acquired hypoparathyroidism

Congenital

congenital hypoparathyroidism

Thecasesolutions.com

Acquired

diabetic mellitus

Under functioning gland

Hypothyroidism
hypopituitarism

Thecasesolutions.com

Hyper functioning gland

hyperthyroidism
hyperaldosterinism

single hormone affected

hypothyroidism

growth hormone deficiency

Thecasesolutions.com

Multiple hormones affected

hypopituitarism - GH, TSH, ACTH

Transient endocrine problems

transient adrenal insufficiency after sudden cessation of high dose steroid therapy

Thecasesolutions.com

permanent/ life long endocrine problems

congenital hypothyroidism

Congenital

congenital hypopituitarism

Thecasesolutions.com

Acquired

diabetes mellitus

Aetiology

Thecasesolutions.com

Genetic factors - eg Diabetes mellitus

Dysgenesis or agenesis of glands - eg hypogonadism

Infections - eg meningitis --> pituitary gland infection

Trauma / surgical trauma - eg hypothyroidism/ hypoparathyroidism

Tumours - eg - brain tumour --> hypopituitarism