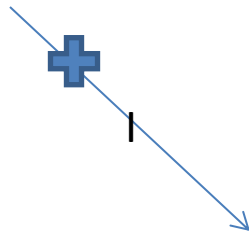


Multiple Endocrine Neoplasia (MEN)

MEN I

Pancreas/GI endocrine
Pituitary



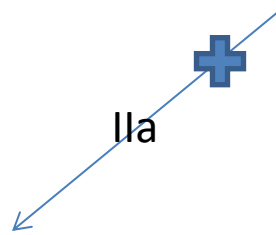
Parathyroid

I

- Hyperparathyroidism
- Hypercalcemia
- Possible ZE syndrome
- Various Pituitary path
 - Acromegaly
 - Cushing syndrome
 - Galactorrhea

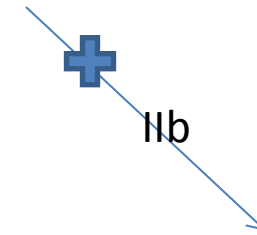
MEN II

Pheochromocytoma
Medullary thyroid cancer
(Mutation of RET proto-oncogene)



IIa

- Hyperparathyroidism
- Hypercalcemia
- Medullary carcinoma
- Increased calcitonin
- Increased catecholamines



Mucosal neuromas

IIb

- Mucosal nodules
- Marfanoid body habitus
- Medullary carcinoma
- Increased calcitonin
- Increased catecholamines