University of Colorado Interesting Case List

We see many common endocrine problems in Denver but also get the experience of seeing many exciting and unusual cases. This list is a sampling of the more rare diseases that endocrine fellows have seen over the past few years.

- Acromegaly (many cases)
  - Acromegaly in anorexia nervosa (i.e. low IGF-1 levels in acromegaly 2/2 malnutrition)
  - Acromegaly presenting as DKA with severe insulin resistance
- Addison's disease
  - Autoimmune Polyglandular Syndrome Type II
- Adrenal insufficiency (many cases)
  - 2/2 etomidate
  - Adrenal insufficiency from bilateral adrenal hemorrhage and metastases
  - ALLGROVE syndrome (adrenal insufficiency, alacrima, achalasia)
- Adrenocortical cancer (several cases)
  - one case w/ severe Cushing's syndrome and hyperaldosteronism
- Aggressive pituitary null cell tumor invading temporal lobe
- Amiodarone-induced thyrotoxicosis
- Autoimmune Hypoparathyroidism (and Pregnancy)
- Carcinoid syndrome
- Central hypothyroidism 2/2 retinoid X receptor agonist treatment
- Complete androgen insensitivity syndrome
- Congenital hypothyroidism due to lingual thyroid
- Consequences of anabolic steroid use
- Cushing's disease/syndrome (many cases)
  - Ectopic ACTH-dependent Cushing syndrome caused by bronchial carcinoid
  - 2/2 Acthar gel (Synthetic ACTH)
  - Cyclic Cushing's
  - Ectopic Cushing's due to Thyroid Cancer
- DAX1 mutation with hypogonadism
- Ectopic Cushing's
- Fallopian tube NET
- Falsely lateralizing case of hyperaldosteronism from b/l adrenal hyperplasia
- Familial Hyperaldosteronism
- Familial Hypercholesterolemia(FH)
- Familial Hypocalciuric Hypercalcemia (FHH)
- Familial Lipodystrophy with complex gestational diabetes
- Glucocorticoid remediated hyperaldosteronism
- Hemochromatosis
- Hyperaldosteronism
- Hypercalcemia 2/2 primary hyperparathyroidism and angiosarcoma-secreting PTHrP (first reported case)
- Hypercalcemia 2/2 CYP24A1 mutation
- Hypobetalipoproteinemia
- Hypoglycemia cases
  - 2/2 Glycogen storage disease
  - IGF-II-secreting tumor causing hypoglycemia
  - Insulin autoimmune syndrome (Hirata disease)
  - Insulinomas
  - Post-gastric bypass hypoglycemia
  - Hepatocellular carcinoma and PTHrP (3 cases in one year)
  - Milk-alkali syndrome 2/2 TUMS
- Hypocalcemia (refractory) 2/2 denosumab treatment
- Hypophosphatasia
- IL-2 induced hypothyroidism
- Ipilimumab-induced hypophysitis
- MEN1 patient with two different NETs
- MEN2 with metastatic medullary thyroid carcinoma and metastatic pheochromocytoma
- MEN 2a syndrome
- MEN 2b syndrome
- Metastatic Insulinoma
- Metastatic paraganglioma 2/2 SDHB gene mutation
- Methimazole-induced agranulocytosis
- Novel disorder of sexual differentiation (found a new mutation in 5a-reductase gene)
- Osteogenesis Imperfecta Type 1
- Paget's disease
- Panhypopituitarism 2/2 Langerhans cell histiocytosis
- Pheochromocytomas (multiple cases)
  - presenting with hypotension 2/2 severe catecholamine-induced cardiomyopathy
- Pituicytoma
- Pituitary apoplexy 2/2 breast CA mets
- Pituitary apoplexy during pregnancy
- Pituitary stalk interruption syndrome
- Proinsulinoma
- Reidel's thyroiditis
- Rickets
- Sarcoid-induced hypercalcemia
- Severe Graves' disease in pregnancy with fetal hyperthyroidism
- Suppurative thyroiditis
- Testicular adrenal rest tumors in CAH
- Thyroid cancer (many cases)
  - Anaplastic thyroid cancer
  - CASTLE thyroid CA
  - Insular thyroid carcinoma

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- Medullary thyroid cancer
- Melanoma metastatic to thyroid
- Undifferentiated mucoepidermoid carcinoma as a primary tumor in thyroid (first reported case)

- Thyroid hormone resistance syndrome
- Thyroid storm (many cases)
  - case requiring plasmapheresis, thyroidectomy, and c/b Takosubo's cardiomyopathy
  - During pregnancy
- Thyrotoxic periodic paralysis
- Thymoma mimicking a thyroid nodule
- Transgender patients
- TSH-oma
- Turners syndrome
- Von Hipple-Lindau syndrome