

## Diagnosis of a malignant adrenal mass:

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## Figure 1: Steroidogenesis and urinary steroid metabolites

**Legend: Schematic representation of steroidogenesis and the derived major urinary steroid metabolites (in capital case and red).**

**Androgen precursor metabolites:** 5PD – pregnenediol, 5PT – pregnenetriol, DHEA – dehydroepiandrosterone, 16 $\alpha$ -OH-DHEA - 16 $\alpha$ -hydroxy-DHEA

**Glucocorticoid precursor metabolites:** PD – pregnanediol, PT – pregnanetriol, THS: tetrahydro-11-deoxycortisol

**Mineralocorticoid precursors:** THDOC: tetrahydro-11-deoxycorticosterone, 5 $\alpha$ -THDOC: 5 $\alpha$ -tetrahydro-11-deoxycorticosterone

**Mineralocorticoid metabolites:** THA: tetrahydro-11-dehydrocorticosterone, 5 $\alpha$ -THA: 5 $\alpha$ -tetrahydro-11-dehydrocorticosterone, THB: tetrahydrocorticosterone, 5 $\alpha$ -THB: 5 $\alpha$ -tetrahydrocorticosterone, THALDO: tetrahydroaldosterone

**Glucocorticoid metabolites:** THF: tetrahydrocortisol, 5 $\alpha$ -THF - 5 $\alpha$ -tetrahydrocortisol, THE: tetrahydrocortisone

**Androgen metabolites:** Etio: etiocholanolone, An: androsterone