

control	adrenal gland	steroid family	examples	normal function	pathology
renin (JG apparatus) angiotensin II (ACE) ACTH (long-term maintenance)	zona glomerulosa	mineralocorticoids	aldosterone	electrolyte balance (blood pressure)	hyperaldosteronism
CRH (hypothalamus) ACTH (pituitary)	zona fasciculata	glucocorticoids	cortisol	stress (energy availability) anti-inflammatory immuno-suppression	cushing syndrome
	zona reticularis	androgens	testosterone	sexual differentiation	congenital adrenal hyperplasia [21(OH)lase]
sympathetic nervous system	medulla	catecholamines	epinephrine norepinephrine	fight or flight	pheochromocytoma
					acute adrenal insufficiency
		estrogens	estradiol		
		progestins	progesterone		