

Stress monitoring

The neuroendocrine system has long been thought to play an important role in the causal pathway linking stress and ill health.

New approaches are needed for investigating steroids responses to daily events. Stressful daily events were associated with increased cortisol secretion.

Repeated measurement of steroids not only increases reliability but provides a clearer picture of the temporal relationship between stressful events and neuroendocrine responses. This is especially important if the events of interest occur unpredictably and therefore cannot be directly monitored by the researcher.

The HPA axis activity can be specifically monitored by measuring cortisol, testosterone and DHEA-S in saliva, thus allowing the stressful event of venipuncture to be avoided.

An abnormal steroid secretion can be involved in the pathophysiology of major depressive disorder (MDD), in the adaptation of people to shift work in some work environments and in the Jet lag-effects due to overseas travel

Reference:

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DKO022	Estradiol saliva
DKO023	17 OH-Progesterone saliva
DKO024	DHEA-S saliva
DKO025	Progesterone saliva
DKO026	Estriol saliva
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