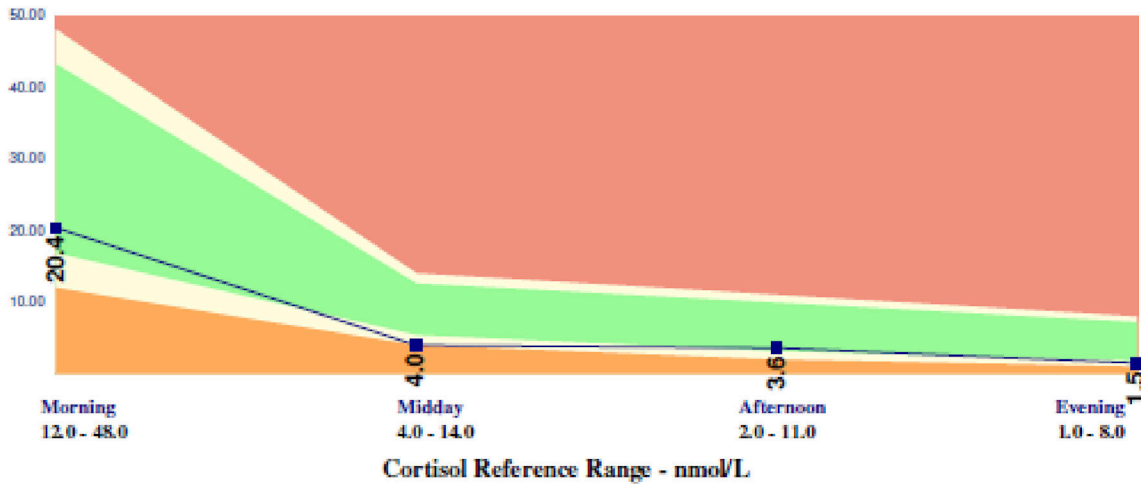


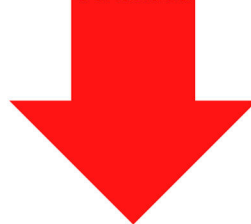
REDACTED

ADRENOCORTEX STRESS PROFILE



Cortisol Values	Result	Range
Cortisol Profile, Morning	20.4	12.0 - 48.0 nmol/L
Cortisol Profile, Midday	4.0	4.0 - 14.0 nmol/L
Cortisol Profile, Afternoon	3.6	2.0 - 11.0 nmol/L
Cortisol Profile, Evening	1.5	1.0 - 8.0 nmol/L
Cortisol Daily, Total	29.5	11.0 - 76.0 nmol/L
DHEAS Values	Result	Range
DHEAS Profile Morning	9.5	5.0 - 32.0 nmol/L
DHEAS/CORTISOL AM	0.47	0.20 - 0.60 RATIO

Continued



REDACTED

Adrenocortex Stress Comments

LOW NORMAL MORNING SALIVA CORTISOL LEVEL:

Saliva morning cortisol level is below mean range and suggestive of adrenal insufficiency. This suggests a degree of adrenal hypofunction, maladaptation/abnormal pacing with abnormal HPAA. If all four cortisol readings are also low, suspect adrenal fatigue. Suggest supplementation with DHEA and standard adrenal support.

Investigate melatonin and GABA levels.

LOW MIDDAY CORTISOL LEVEL:

Midday Cortisol level is LOW as compared to the range and suggestive of adrenal insufficiency. This suggests suboptimal adrenal functioning, and if accompanied by low evening cortisol and low DHEA, suspect adrenal fatigue. Suggest supplementation with DHEA and standard adrenal support.

LOW/LOW NORMAL LATE AFTERNOON CORTISOL LEVEL:

Late afternoon cortisol level is below mean range and suggestive of adrenal insufficiency. This suggests suboptimal adrenal functioning, and if accompanied by low evening cortisol and low DHEA, suspect adrenal fatigue. Suggest supplementation with DHEA and standard adrenal support.

LOW EVENING CORTISOL LEVEL:

Saliva evening cortisol levels should be lower than the mean of the range. If all 4 readings in the adrenal stress profile are low, suspect adrenal fatigue, otherwise maladaptation.

LOW DHEAS LEVEL:

Saliva DHEAs level is below the mean range and suggestive of the need for supplementation with 50mg of DHEA.

Maladaptation if consistently elevated cortisol. Adrenal fatigue if morning and evening cortisol only elevated, or if all markers low.

SALIVA DHEAs/CORTISOL RATIO - NORMAL

The ratio of DHEAs to cortisol is normal. This ratio indicates a relative balance of the adrenal output of androgens and cortisol. Both of the hormones are released in response to ACTH from the pituitary and a normal ratio indicates a balanced function of the hypothalamic-pituitary-adrenal axis.

End.