

From Mastandrea K, Voica M, Tetlay M, Hasan F. Pituitary Apoplexy Secondary to Gonadotropin-Releasing Hormone Agonist for Breast Cancer. *JCEM Case Reports*. 2023;1(3):1-4.

**Table 2.**

Pre- and post-apoplexy plasma hormone concentrations in our patient

Hormone tested	Pre-apoplexy	Post-apoplexy	Normal range
Cortisol	14.2 mcg/dL (391.8 nmol/L)	<b>4 mcg/dL</b> <b>(110.4 nmol/L)</b>	6-18.4 mcg/dL (165.5-507.6 nmol/L)
ACTH	23 pg/mL (5.1 pmol/L)	<b>3 pg/mL</b> <b>(0.6 pmol/L)</b>	10-48 pg/mL (2.2-10.56 pmol/L)
LH	1.2 mIU/m (1.2 IU/L)	<b>&lt;1 mIU/mL</b> <b>(&lt;IU/L)</b>	1-11 mIU/mL (1-11 IU/L)
FSH	6.5 mIU/mL (6.5 IU/L)	<b>1.4 mIU/mL</b> <b>(1.4 IU/L)</b>	2.5-9.1 mIU/mL (2.5-9.1 IU/L)
IGF-1	101 ng/mL (13.23 nmol/L)	<b>52 ng/mL</b> <b>(6.81 nmol/L)</b>	70-215 ng/mL (9.2-28.2 nmol/L)
Prolactin	10.1 ng/mL (10.1 ng/mL)	<b>2.3 ng/mL</b> <b>(2.3 ng/mL)</b>	3-18.6 ng/mL (3-18.6 ng/mL)
TSH	2.5 mIU/L (2.5 IU/L)	0.9 mIU/L (0.9 IU/L)	0.4-4.5 mIU (0.4-4.5 IU/L)
Free T4	<b>0.7 ng/dL</b> <b>(9 pmol/L)</b>	0.9 ng/dL (11.6 pmol/L)	0.8-1.8 ng/dL (10.3-23.2 pmol/L)

Abnormal values are shown in bold font. Values in parenthesis are International System of Units (SI). Abbreviations: ACTH, adrenocorticotrophic hormone; FSH, follicle-stimulating hormone; IGF-1, insulin-like growth factor 1; LH, luteinizing hormone; T4, thyroxine; TSH, thyrotropin (thyroid-stimulating hormone).