

## Supplementary material

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**Table S1.** Pre and postoperative hormonal profiles of the patient with pituitary metastatic adenocarcinoma to pituitary adenoma.

Hormone	Preoperative values	Postoperative values	Reference values
TSH	0.65 uIU/ml	0.124 uIU/ml	0.465 - 4.680 uIU/ml
FT4	19.50 pmol/l	14.50 pmol/l	9.00 - 28.00 pmol/l
FT3	6.12 pmol/l	3.43 pmol/l	3.76 – 9.11 pmol/l
Cortisol (8 AM)	19,2 mcg/dl	15,1 mcg/dl	5,5 – 28,8 mcg/dl
LH	31.0 mIU/ml	5.0 mIU/ml	16.0- 64.0 mIU/ml
FSH	28.0 mIU/ml	13 mIU/ml	21.0 - 131.0 mIU/mL
Prolactin	67 ng/ml	5.0 ng/ml	3.0 - 23.0 ng/ml
GH	0.2 ng/ml	-	0 - 5 ng/ml
IGF-1	43 ng/ml	-	58 – 170 ng/ml (>60y/a female)

Abbreviations: TSH - thyroid stimulating hormone, FT4 - free triiodothyronine, FT3 - free triiodothyronine, LH - luteinizing hormone, FSH - follicle stimulating hormone, GH- growth hormone, IGF1 - insulin-like growth factor 1.