

Provider Checklist-Outpatient -Imaging

Checklist: Magnetic Resonance Imaging (MRI) Pituitary (CPT Code: 70551, 70552, 70553)

All Indications [***One has to be present**]

***Suspected acromegaly [One has to be present]**

IGF-1 (somatomedin-C) (Insulin-like Growth Factor-1) level > normal
GH level > 2 mcg/L after glucose load

***Cushing's disease [Both have to be present]**

Elevated ACTH and cortisol levels
Suppression by high-dose dexamethasone

***Secondary (central) hyperthyroidism [All have to be present]**

Thyroid hormone > normal [**One has to be present**]

Free T4
Free thyroxine
T3

Inappropriately elevated TSH
Lab results confirmed ≥
No supplemental thyroid Rx by Hx

***Hyperprolactinemia [All have to be present]**

Prolactin concentration > normal
TSH normal
Medications deemed noncontributory
No seizure w/in 24 hrs
Patient characteristics [**One has to be present**]

Male patient
Female patient [**Both have to be present**]

-1 Serum/urine HCG (Human Chorionic Gonadotropin) [**One has to be present**]

- A) Negative
- B) Not indicated

-2 No childbirth/breastfeeding w/in 12 wks by Hx

*Secondary (central) adrenal insufficiency [**Both have to be present**]

ACTH level < normal
Abnormal screening test [**One has to be present**]

AM cortisol \leq 3 mcg/
Cortrosyn stimulation test abnormal

*Secondary (central) hypothyroidism [**Both have to be present**]

Thyroid hormone < normal [**One has to be present**]

Free T4
Free thyroxine index

TSH \leq normal

*Hypogonadotropic hypogonadism [**One has to be present**]

Male [**Both have to be present**]

Testosterone < normal
FSH/LH inappropriately low

Premenopausal female [**All have to be present**]

Clinical Sx/findings [**One has to be present**]

- 1 Oligomenorrhea
- 2 Amenorrhea
- 3 Infertility

FSH/LH inappropriately low
Estrogen \leq normal (premenopausal range)
No OCPs by Hx

Postmenopausal female [**All have to be present**]

FSH/LH inappropriately low
Estrogen \leq normal (menopausal range)
No HRT by Hx

*Suspected neurogenic diabetes insipidus [**All have to be present**]

Serum osmolality \geq 280 mOsm/
Urine sp.gr. $<$ 1.005
ADH $<$ normal
Abnormal screening test [**One has to be present**]

Water deprivation test
Vasopressin test

*Visual field defect [**One has to be present**]

Bitemporal hemianopsia
Bilateral superior/inferior temporal visual defect
Unilateral temporal visual defect

*Suspected pituitary apoplexy ♦

*Abnormal sella turcica by x-ray/CT

*Known pituitary mass/cyst [**One has to be present**]

Follow-up post neurosurgical procedure
Follow-up post medical Rx [**One has to be present**]

Radiation
Medication

New/worsening Sx/findings ♦