**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 presen**t]

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 ≤ 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 ≤ 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 ≤ normal (premenopausal range)

No OCPs by Hx

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

FSH/LH inappropriately low

Estrogen ≤ normal (menopausal range)

No HRT by Hx

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

Serum osmolality ≥ 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 ♦