**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 ♦