

PHEOCHROMOCYTOMA WORKSHEET

NAME: _____ **DATE:** _____

Patient Identifier: _____ **Referring Physician:** _____

RADIOLOGY

____ T2 weighted MRI from neck to the bladder

____ ¹²³I-MIBG Scan - pre-medicate with Lugol's Solution

____ Consider ¹¹¹In pentetreotide scan (OctreoScan®)

LABS:

BLOOD SPECIMENS TO BE SENT TO ISI:

PHEOCHROMOCYTOMA LABS:

____ Pancreastatin (Z-tube)*

____ Chromogranin A (CgA) (Plasma or serum)

CPT CODES

83519

86316

*Requires collection with ISI's special preservative tubes. Call: (800)255-2873 for supplies.

SPECIMENS TO BE SENT TO YOUR REGULARY CONTRACTED LABORATORY:

____ Plasma Free Metanephrines

____ 24 hour urine for VMA, metanephrine, normetanephrine, epinephrine, norepinephrine

____ Plasma for metanephrine, normetanephrine, epinephrine, norepinephrine, dopamine

INTERPRETATION OF LAB VALUES:

If plasma metanephrine is 4x above the upper reference limit (URL) a Pheochromocytoma is biochemically proven. It is then appropriate to move to radiologic for localization. If plasma metanephrine value is between URL and 4x above the URL, a Clonidine test with the measurement of plasma free normetanephrine can be used. The elevation of only dopamine can reflect SDHB-related (familial) Pheochromocytoma.

TO PERFORM A CLONIDINE SUPPRESSION TEST:

Clonidine suppression test=0.3mg per 70KG. Draw labs at 0 min and 3 hours after Clonidine administration. If normetanephrine is below 40% of baseline or if below URL - the diagnosis of Pheochromocytoma is NOT supported.

ICD-9 CODES:

| Primary Site | Maligant | Benign | Uncertain Behavior | Unspecified |
|--|------------|------------|--------------------|-------------|
| Pheochromocytoma | | | | |
| Unspecified site | ____ 194.0 | ____ 227.9 | ____ 237.4 | ____ 239 |
| Unspecified site | ____ 194.0 | ____ 227.9 | ____ 237.2 | |
| Adrenal neoplasm | ____ 239.7 | ____ 227.0 | ____ 237.2 | |
| Neoplasm of bladder | | | | ____ 239.4 |
| Neoplasm of sympathetic nervous system | | | | ____ 239.7 |
| Hypertension | | | | ____ 405.09 |
| Medullary hyperfunction | | | | |
| Hypersecretion of catecholamines by pheochromocytoma | | | | ____ 255.6 |