

Urine Catecholamine Testing Case

HPI: Mrs. X is a 70 year old female with a history of breast cancer diagnosed 10 years ago treated with lumpectomy and radiation who presented to her primary care provider for follow up of an incidental adrenal mass found on abdominal CT. The CT was ordered by her GI physician for for w/u of epigastric pain.

ROS: significant for palpitations that have been intermittent for several years. She felt that they may have increased in frequency over the past few months. She also c/o recent headaches.

PMH: Significant for HTN controlled with metoprolol and anxiety disorder treated with nortriptyline

Social Hx: widowed, no smoking or alcohol use.

Meds: Metoprolol, Nortriptyline, MVI

PE: BP - 124/82, HR - 70, T - 98.4

Thin female who appears well, A0x3

Exam otherwise was unremarkable

DDx for adrenal mass includes metastatic breast Ca or primary adrenal tumor including pheochromocytoma. Urine catecholamine testing was ordered to w/u for possible pheo.


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 QUEST DIAGNOSTICS INCORPORATED
 CLIENT SERVICE 215.957.9300

SPECIMEN INFORMATION

 SPECIMEN: [REDACTED]
 REQUISITION [REDACTED]
 LAB REF NO: [REDACTED]

PATIENT INFORMATION

 DOB: 08/16/1938 Age: 69
 GENDER: F

 ID: [REDACTED]
 PHONE: [REDACTED]

REPORT STATUS Final
ORDERING PHYSICIAN
CLIENT INFORMATION

 COLLECTED: 11/15/2007 12:05
 RECEIVED: 11/15/2007 12:13
 REPORTED: 11/22/2007 00:19

Volume: 1750/24

Test Name	In Range	Out of Range	Reference Range	Lab
CATECHOLAMINES 24 HOUR URINE				AMD
24 HR URINE VOLUME	1750		mL/24 h	
EPHEDRINE, 24 HR URINE		91 H	2-24 mcg/24 h	
NOREPINEPHRINE, 24 HR UR	98		15-100 mcg/24 h	
CALCULATED TOTAL (E+NE)		189 H	24-121 mcg/24 h	
DOPAMINE, 24 HR URINE	176		52-480 mcg/24 h	
METANEPHRINES, FRACT. LC/MS/MS, 24 HR URINE				EZ
TOTAL VOLUME	1750		mL	
METANEPHRINE		721 H	mcg/24 h	
			Reference Range: 90-315	
NORMETANEPHRINE		677 H	mcg/24 h	
			Reference Range: 122-576	
METANEPHRINES TOTAL		1398 H	mcg/24 h	
			Reference Range: 224-932	

Performing Laboratory Information:

AMD Quest Diagnostics Nichols Institute-Chantilly VA 14225 Newbrook Dr Chantilly VA 20151

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