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SUBJECT: Change in Immunoassay Analyzer Methodology

DATE: April 7, 2010

On Wednesday April 14, the URMC Labs at Strong Memorial Hospital will begin moving all the Immunoassays (with the exception of cardiac marker assays NT Pro-BNP and Troponin T which will become available shortly) to new instruments made by Roche. These tests include the following:

AFP	PROGESTERONE
CA125	PROLACTIN
CEA	PSA
CK-MB	PSA, FREE
CORTISOL	Intact PTH
ESTRADIOL	TESTOSTERONE
FERRITIN	T3
FOLATE	T4
FSH	T4, FREE
HCG	TSH
LH	VITAMIN B12

The current and new pediatric and adult ranges may be referenced in the attached chart.

The laboratory report will include a comment for 30 days that new reference ranges are in effect. For a period of 90 days (April 14 – July 14) we will be reporting both the current Siemens assay result along with the new Roche assay result for the following tumor marker assays: AFP, CA125, CEA and PSA.

We understand that changes of this magnitude, particularly where the reference ranges are significantly different, are a major challenge to our providers. We will make every effort to make this transition with as little disruption to patient care as possible. URMCLabs at **Highland Hospital** will also be changing to the same methodology and instruments on Wednesday April 21, 2010 as well.

Please note that, based on our comparison studies, the values obtained on the following assays on the new Roche platform differ from our current platform: Folate, HCG, CA125, Cortisol, PTH and T3.

If you have any questions, please contact Dr. Chen, Dr. Kwong or Dr. Fiscella via the methods listed above or the Automated Lab Chief Supervisor Barbara A. Meiklejohn @ 5-2435 or via e-mail: Barbara.Meiklejohn@URMC.Rochester.edu

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