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Vitamin D Testing Information

Better testing. Better patient outcomes.

TO: **Clients of UR Medicine Labs**

FROM: **Yan Zhang, Ph.D.**

Director of Toxicology Laboratory
Department of Pathology and Laboratory Medicine
Strong Memorial Hospital
Phone: 585-276-4192
Email: yan1_zhang@urmc.rochester.edu

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The high prevalence of vitamin D deficiency and its impact on human health have resulted in high demand in testing of vitamin D levels in our patient population. With the intention to better support patient care and ensure the appropriate tests are ordered, we are providing the following Information:

Vitamin D Test Types

1. **25-hydroxyvitamin D** has been shown to most appropriately reflect patient's endogenous vitamin D level. It is the test of choice to assess a patient's vitamin D sufficiency. In addition, 25-hydroxyvitamin D test is an in-house test on our state-of-the-art liquid chromatography-tandem mass spectrometry platform, which provides accurate measurement of 25 hydroxyvitamin D with a quick turnaround time
2. Despite **1,25-dihydroxyvitamin D**, being the active form of vitamin D, measuring its level has limited clinical applications. It is primarily indicated during patient evaluation for hypercalcemia and renal failure. A normal result of 1,25-dihydroxy vitamin D does not rule out Vitamin D deficiency. 1,25-dihydroxy vitamin D is a send-out test which has a much higher cost and a much longer turnaround time (up to four days).

Test Ordering Information

When searching for vitamin D testing in e-Record, **25-hydroxyvitamin D** (in-house test) should be the first test choice listed as "Vitamin D."

As of 1/22/2014, 1, 25 di-hydroxyVitamin D test has been removed from the ordering preference lists. If you indeed want this test on your preference list, please call eRecord at (585) 275-3200 for modifications to your preferences.

By 2/12/2014, 1,25 dihydroxy vitamin D will be classified as a Tier II test. The physicians with the proper subspecialty training will have access to this test with no further actions. All other physicians will require a one-time approval to gain access to this test. More information can be found on our website at <https://www.testmenu.com/rochester>.

Should you have any questions, please contact Dr. Yan Zhang.