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Date: September 6, 2011

To: Clients of Hagerstown Medical Laboratory, LLC

From: John G. Newby, MD   
Director of Laboratories

Subject: Revision of Reference Ranges and Vitamin D Status

The Institute of Medicine recently updated their guidelines for serum concentrations of Vitamin D. We will implement the new guidelines and reference range per their recommendations on September 15, 2011.

**Current Reference range: 30-100 ng/ml**

**New Reference Range: 20-60 ng/ml**

Status	Current Guideline	New Guideline
Deficiency	<10 ng/ml	<12 ng/mL
Insufficiency	10-30 ng/ml	12-19 ng/mL
Sufficiency	30-100 ng/ml	>= 20 ng/mL
Toxicity	>100 ng/ml	>60 ng/mL