

Date: December 17, 2010

To: South Zone - West
All Physicians and Nursing Unit Managers

From: AHS Laboratory Services – South Zone (West)
Dr. B. Popma, Zone Clinical Dept. Head (Co-Lead) Laboratory South Zone
Clinical Department Facility Chief - Chinook Regional Hospital
Dr. Karen Ung, Consultant Pathologist, Chemistry

Re: 36-10 Extended MDRD (MDRDX) Estimated Glomerular Filtration Rate (eGFR)
Calculation Discontinued

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Messages:

- Previously an Extended eGFR calculation (MDRDX) was available – it was intended for use in limited circumstances, primarily by Dr Wong. This calculation requires additional testing (requires Albumin and Urea in addition to Creatinine), increasing the costs but adding limited additional information in most cases. Over time, orders for MDRDX became routine.
- The Extended eGFR calculation (MDRDX) is no longer available from SZ West laboratory. However, an online calculation is available at:
http://www.kidney.org/professionals/kdoqi/gfr_calculator.cfm
(Click on the link “MDRD Calculator – Extended – Defaults to SI Units”)
- Effective Date: Immediately

Why this is important:

- To make physicians aware of this change and to inform them of where they can access the Extended eGFR calculation should it be needed.

For additional questions contact:

- Eugene Boehr, Chemistry Supervisor (403-388-6092)

This bulletin has been reviewed and approved by:

Dr. B. Popma, Clinical Department Facility Chief - Chinook Regional Hospital