



Detection of Chronic Kidney Disease using eGFR

Coming Soon.....

The Nova Scotia Renal Program, a Nova Scotia Department of Health Provincial Program will be implementing province wide eGFR reporting.

Estimated glomerular filtration rate (eGFR) will be available as a request test in most District Health Authorities (DHAs) within the next year.

The eGFR provides practitioners with a better measure of renal function than serum creatinine alone. All Nova Scotia DHA labs will be calculating the eGFR based on the Modification of Diet in Renal Disease (MDRD) formula, which is similar to the Cockcroft-Gault formula. The MDRD eGFR formula does not require weight as a variable and can be easily automated in Nova Scotia labs.

The Nova Scotia Renal Program recommends requesting eGFR only for persons considered at high risk of developing chronic kidney disease, such as persons with:

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| Diabetes mellitus | Hypertension |
| Heart failure | Family history of kidney disease |
| Unexplained anemia | First Nations descent |
| Atherosclerotic coronary, cerebral or peripheral vascular disease | |

An algorithm titled, "Detection, Monitoring & Referral of Chronic Kidney Disease using eGFR" is being developed and will be provided at a later date.

For more information, contact.....

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Additional information regarding eGFR can be found at the Canadian Society of Nephrology & CMAJ websites:
<http://csnscn.ca/english/professional%20practice/guidelines/implementationcommittee/>
<http://www.cmaj.ca/cgi/reprint/179/11/1154>