Resource Summary Report

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Glomerular Filtration Rate Calculators

RRID:SCR_006443
Type: Tool

Proper Citation

Glomerular Filtration Rate Calculators (RRID:SCR_006443)

Resource Information

URL: http://www.nkdep.nih.gov/lab-evaluation/gfr-calculators.shtml

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Description: Glomerular Filtration Rate (GFR) calculators to estimate kidney function for adults (MDRD GFR Calculator) and children (Schwartz GFR Calculator). In adults, the recommended equation for estimating glomerular filtration rate (GFR) from serum creatinine is the Modification of Diet in Renal Disease (MDRD) Study equation. The IDMS-traceable version of the MDRD Study equation is used. Currently the best equation for estimating glomerular filtration rate (GFR) from serum creatinine in children is the Bedside Schwartz equation for use with creatinine methods with calibration traceable to IDMS. Using the original Schwartz equation with a creatinine value from a method with calibration traceable to IDMS will overestimate GFR.

Abbreviations: GFR Calculators

Synonyms: Glomerular Filtration Rate Calculator, Glomerular Filtration Rate (GFR) Calculator

Resource Type: service resource, production service resource, data analysis service, analysis service resource, resource

Defining Citation: PMID:16908915

Keywords: adult human, child, glomerular filtration rate, estimate, kidney function, serum creatinine

Related Condition: Chronic kidney disease

Funding: NIDDK

Resource Name: Glomerular Filtration Rate Calculators

Resource ID: SCR_006443

Alternate IDs: nlx_152733

Record Creation Time: 20220129T080236+0000

Record Last Update: 20250517T055748+0000

Ratings and Alerts

No rating or validation information has been found for Glomerular Filtration Rate Calculators .

No alerts have been found for Glomerular Filtration Rate Calculators .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.