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CKD-EPI Creatinine Formula

National Cancer Institute

Source

National Cancer Institute. *CKD-EPI Creatinine Formula*. NCI Thesaurus. Code C161338.

A formula to estimate glomerular filtration rate that takes into account sex, age, race, and serum creatinine (SCr). $eGFR(mL/min/1.73\ m^2) = 141 \times \min(SCr/k, 1)^a \times \max(SCr/k, 1)^{-1.209} \times 0.993^{Age} \times 1.018$ [if female] $\times 1.159$ [if black] where: SCr is in mg/dL; $k=0.7$ for Female and 0.9 for Male; $a=-0.329$ for female and -0.411 for male. (Levey AS, Stevens LA, Schmid CH, Zhang YL, Castro AF, Feldman HI, Kusek JW, Eggers P, Van Lente F, Greene T. A new equation to estimate glomerular filtration rate. *Ann Intern Med*. 2009;150:604-612.)