

Supplemental Digital Content - Table 1: List of GFR estimating equations

MDRD Study equation ¹⁵	$175 \times \text{standardized Scr}^{-1.154} \times \text{age}^{-203} \times 0.75$ [if female] $\times 1.210$ [if black]
CKD-EPI creatinine equation 2009 expressed as a single equation ¹⁶	$141 \times \min(\text{Scr}/\kappa, 1)^\alpha \times \max(\text{Scr}/\kappa, 1)^{-1.209} \times 0.993^{\text{Age}} \times$ $[1.018 \text{ if female}] \times [1.159 \text{ if black}]$ <i>where Scr is serum creatinine, κ is 0.7 for females and 0.9 for males, α is -0.329 for females and -0.411 for males, min indicates the minimum of Scr/κ or 1, and max indicates the maximum of Scr/κ or 1</i>
CKD-EPI Cystatin equation 2012 ¹⁸	$133 \times \min(\text{Scys}/0.8, 1)^{-0.499} \times \max(\text{Scys}/0.8, 1)^{-1.328} \times$ $0.996^{\text{Age}} \times [0.932 \text{ if female}]$ <i>where Scys is serum cystatin C, , min indicates the minimum of Scr/κ or 1, and max indicates the maximum of Scr/κ or 1.</i>
CKD-EPI cystatin-creatinine equation 2012 ¹⁸	$135 \times \min(\text{Scr}/\kappa, 1)^\alpha \times \max(\text{Scr}/\kappa, 1)^{-0.601} \times$ $\min(\text{Scys}/0.8, 1)^{-0.375} \times \max(\text{Scys}/0.8, 1)^{-0.711} \times$ $0.995^{\text{Age}} \times [0.969 \text{ if female}] \times [1.08 \text{ if black}]$ <i>where Scr is serum creatinine, Scys is serum cystatin C, κ is 0.7 for females and 0.9 for males, α is -0.248 for females and -0.207 for males, min indicates the minimum of Scr/κ or 1, and max indicates the maximum of Scr/κ or 1.</i>