

eGFR CLINICAL GUIDANCE:

The eGFR is likely in the range between the low estimate and high estimate reported provided the serum creatinine is stable and with the following noted: serum creatinine is affected by multiple factors including muscle mass, nutritional status, creatinine secretion and sex. Race has also been used in eGFR calculation because in the development data for commonly used creatinine-based eGFR equations, self-reported African Americans had higher serum creatinine on average for a given measured GFR (iothalamate clearance) compared to other included groups (Ann Intern Med 150:604-612, 2009). However, considering the complex factors influencing serum creatinine, as well as the sociopolitical influences and consequences of race classification, we now report eGFR as an unannotated value.

In situations where the eGFR value will directly affect clinical decision-making (e.g. medication dose, referral to a Nephrologist, or for transplantation), clinicians are advised to obtain serum cystatin C to estimate GFR, directly measure GFR, and/or consult with nephrology.