

INDICATION

Estimates glomerular filtration rate based on serum creatinine

CALCULATION

2021 CKD-EPI Creatinine =

$142 \times (\text{Serum Creatinine} / A)^B \times 0.9938 \times \text{Age} \times (1.012 \text{ if female})$

A and B are calculated on serum creatinine and sex:

MALE	FEMALE		
Serum Creatinine	Serum Creatinine		
$\leq 80 \mu\text{mol/L}$ $\leq 0.9 \text{ mg/dL}$	$A = 0.9$	$\leq 62 \mu\text{mol/L}$ $\leq 0.7 \text{ mg/dL}$	$A = 0.7$
	$B = -0.302$		$B = -0.241$
$> 80 \mu\text{mol/L}$ $> 0.9 \text{ mg/dL}$	$A = 0.9$	$> 62 \mu\text{mol/L}$ $> 0.7 \text{ mg/dL}$	$A = 0.7$
	$B = -1.2$		$B = -1.2$