

SUPPLEMENTARY TABLE 1 - EQUATIONS USED TO ESTIMATE GFR

Formula	Equation
<i>Creatinine-based equations</i>	
CKD-EPI-cr	$141 * \min(\text{Scr}/\kappa, 1)^\alpha * \max(\text{Scr}/\kappa, 1)^{-1.209} * 0.993^{\text{Age}} * 1.018 \text{ [if female]} * 1.159 \text{ [if black]}$ $\kappa = 0.7 \text{ for females and } 0.9 \text{ for males}$ $\alpha = -0.329 \text{ for females and } -0.411 \text{ for males}$
MDRD	$175 * (\text{Scr})^{-1.154} * (\text{age})^{-0.203} * 0.742 \text{ [if female]} * 1.212 \text{ [if Black]}$
FAS	$107.3 / (\text{Scr} * Q) * [0.988^{(\text{Age} - 40)} \text{ when Age} > 40]$ $Q = 0.7 \text{ if female and } 0.9 \text{ if male}$
MCQ	e^x $x = 1.911 + (5.249 / \text{Scr}) - (2.114 / \text{Scr}^2) - 0.00686 * \text{Age} [-0.205 \text{ if female}]$ <p>(if Scr < 0.8 use Scr = 0.8)</p>
<i>Cystatin C-based equations</i>	
Le Bricon	$(78 / \text{Scys}) + 4$
CKD-EPI-cy	$133 * \min(\text{Scys}/0.8, 1)^{-0.499} * \max(\text{Scys}/0.8, 1)^{-1.328} * 0.996^{\text{Age}} * 0.932 \text{ [if female]}$
Rule	$66.8 * \text{Scys}^{-1.3}$
<i>Creatinine-Cystatin C-based equation</i>	
CKD-EPI-cr-cy	$135 * \min(\text{Scr}/\kappa, 1)^\alpha * \max(\text{Scr}/\kappa, 1)^{-0.601} * \min(\text{Scys}/0.8, 1)^{-0.375} * \max(\text{Scys}/0.8, 1)^{-0.711} * 0.995^{\text{Age}} * 0.969 \text{ [if female]} * 1.08 \text{ [if black]}$ $\kappa = 0.7 \text{ for females and } 0.9 \text{ for males}$ $\alpha = -0.329 \text{ for females and } -0.411 \text{ for males}$