Table S2: Equations included in the systematic review			
Equations	Full name	Sex	Sex specific equation (if applicable)
Edwards		F	69.9/ Cr + 2.2
		M	94.3/ Cr - 1.8
CG	Cockcroft-Gault	F	1.73 x [(140 - Age) x [Wt / (72 x Cr)] x 0.85] / BSA
		M	1.73 x [(140 - Age) x [Wt / (72 x Cr)] / BSA
Rowe		M & F	165.57 - 0.8 x Age
Mogensen		M & F	1.73 x [{10000 / (Cr x 88) -14} / 0.9] / BSA
Robinson		F	[2.11 - (0.007 x Age) - 14.638 x {(Cr x 88) / 1000} + 0.0166 x Wt] - 0.329] x 60
		M	[2.11 - (0.007 x Age) - 14.638 x {(Cr x 88) / 1000} + 0.0166 x Wt] x 60
Walser		F	1.73 x [{6.06/ (Cr x 0.088)} - (0.08 x Age) + (0.096 x Wt) - 4.81] x [{Ht/100}^{2} / 3]] / BSA
		M	1.73 x [{7.57/ (Cr x 0.088)} - (0.103 x Age) + (0.096 x Wt) - 6.66] x [{Ht/100}^{2} / 3]] / BSA
MDRD	Modification of Diet in Renal Disease Study Equation – 4 variable	F	175 x Cr $^{-1.154}$ x Age $^{-0.203}$ x 0.742 if black x 1.212
		M	175 x Cr $^{-1.154}$ x Age $^{-0.203}$ if black x 1.212
Nankivell		F	1.73 x [{6.7 / (Cr x 0.0884)} + {Wt/ 4} - {Sun /3.57} - { 100 / (Ht /100)^2} +25] / BSA
		M	1.73 x [{6.7 / (Cr x 0.0884)} + {Wt/ 4} - {Sun /3.57} - { 100 / (Ht /100)^2} +35] / BSA
CKD-EPI	Chronic Kidney Disease Epidemiology creatinine equation		$141 \times \min(Cr/\kappa, 1)^{\alpha} \times \max(Scr/\kappa, 1)^{-1.209} \times 0.993^{Age} \times 1.018$ [if female] X 1.159 [if black], where 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
Gates		F	1.73 x [60 x { Cr$^{-1.2}$} + {56 - Age} x 0.3 x { Cr-$^{1.1}$}] / BSA
		M	1.73 x [89.4 x { Cr$^{-1.2}$} + {55 - Age} x 0.447 x { Cr-$^{1.1}$}] / BSA
Kaji		M & F	1.73 x [45/ Cr]
Nix-J	Nix Equation – for Creatinine measured by Jaffe reaction	F	1.73 x [{ (80 x 0.661) / Cr } x { Wt / 70} $^{0.75}$] / BSA
		M	1.73 x [{ 80 / Cr} x { Wt / 70}$^{0.75}$ / BSA
Mayo		F	EXP [1.911 + { 5.249 / Cr} - { 2.114 / Cr^2} - 0.00686 x Age - 0.205]
		M	EXP [1.911 + { 5.249 / Cr} - { 2.114 / Cr^2} -

Table S2: Equations included in the systematic review			
Equations	Full name	Sex	Sex specific equation (if applicable)
			0.00686 x Age]
Yukawa		M & F	1.73 x [{(470 - Age) x Wt} / (288 x Cr + 98.7)}] / BSA
CHUQ	Centre Hospitalier Universitaire de Québec equation	F	EXP[{ 10 - 1.16 x (log(Cr x 88)) } - 0.000084 x Age^2 - 0.319]
		M	EXP[{ 10 - 1.16 x (log(Cr x 88)) } - 0.000084 x Age^2]
Matsuo		F	194 x $Cr^{-1.094}$ x $Age^{-0.287}$ x 0.739
		M	194 x $Cr^{-1.094}$ x $Age^{-0.287}$
Baracskay		M & F	1.73 x [0.5 x [{100 / Cr} + 88 - Age] / BSA
BIS_1	Berlin Initiative Study (BIS) equation	F	3736 x $Cr^{-0.87}$ x $Age^{-0.95}$ x 0.82
		M	3736 x $Cr^{-0.87}$ x $Age^{-0.95}$
Wright		F	1.73 x [{(6580-38.8 x Age) x BSA*0.832}/ { Cr x 88}] / BSA
		M	1.73 x [{(6580-38.8 x Age) x BSA}/ { Cr x 88}] / BSA
Martin		F	1.73 x [{163 x Wt} x {1- 0.15} / {0.814 x (Cr x 88)}] / BSA
		M	1.73 x [{163 x Wt } / {0.814 x (Cr x 88)}] / BSA
Virga		F	1.73 x [{57.3-0.37 x Age} + {0.51 x Wt} / {Cr - 2.9}] / BSA
		M	1.73 x [{69.4-0.59 x Age } + { 0.79 x Wt } / {Cr - 3}] / BSA
Nankivell-SPK	Nankivell equation for simultaneous pancreas and kidney transplant recipients	F	1.73 x [50.4+ {5520/ (Cr x 88) } + { 0.27 x Wt} - {0.50 x Age} - 0.29 x Ht] / BSA
		M	1.73 x [71.4+ {5520/ (Cr x 88) } + { 0.27 x Wt} - {0.50 x Age} - 0.29 x Ht] / BSA
Taylor		M & F	-200.85 + {94.16/ Cr} + {0.14 x Wt} + {1.33 x Ht} - {0.75 x Age}
AASK-pilot	African-American Study of Kidney Disease- Equation developed from pilot data	F	-0.29 x {Age -52} + {88/ Cr} - 0.77 x {BMI-30}
		M	0.30 x {Age -52} + {105/Cr} + {Wt - 86}
AASK-main	African-American Study of Kidney Disease- Equation developed from main study data	F	329x $Cr^{-1.096}$ x $Age^{-0.294}$ x 0.736
		M	329x $Cr^{-1.096}$ x $Age^{-0.294}$
Nix-HPLC	Nix Equation – for Creatinine measured by high precision liquid chromatography	F	1.73 x [{(74.3 x 0.619) / Cr} x { Wt /70}$^{0.75}$] / BSA
		M	1.73 x [{74.3 / Cr} x { Wt /70}$^{0.75}$] / BSA
F; Female, M; Male, Cr; serum creatinine (mg/dl), Age; Age (years), Ht; Height (cm), Wt; Weight (kg); SUN. Serum Urea Nitrogen (mg/dl). BSA; Body Surface Area (m^2) calculated using DuBois and DuBois formula [BSA = ($W^{0.425}$ x $H^{0.725}$) x 0.007184]. All equations are expressed to report GFR scaled to 1.73 m^2			