Figure 1: Forest Plots of Summary C-Statistics for Validated Mortality Prognostic Models

a. Early PEDIA Score

				C-statistic	C-st	atistic
Study or Subgroup	or Subgroup C-statistic			IV, Random, 95% CI	IV, Rando	om, 95% CI
Berkley 2003	0.815	0.0077	28.0%	0.81 [0.80, 0.83]		
Conroy 2015	0.895	0.0077	28.0%	0.90 [0.88, 0.91]		-
George FEAST 2015	0.7	0.0357	20.9%	0.70 [0.63, 0.77]		
George PED 2015	0.835	0.0281	23.2%	0.83 [0.78, 0.89]		-
Total (95% CI)			100.0%	0.82 [0.76, 0.88]		•
Heterogeneity: Tau2 =	0.00; Chi ² =	-1 -0.5	0 0 5 1			
Test for overall effect:	Z = 25.87 (P	-1 -0.5	C-statistic			

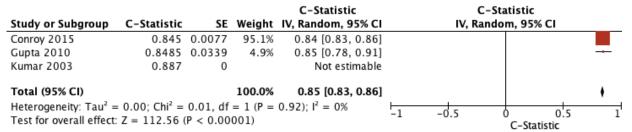
b. Late PEDIA

				C-statistic		C-s	tatistic	
Study or Subgroup	C-statistic	SE	Weight	IV, Random, 95% CI		IV, Random, 95% CI		
Berkley 2003	0.825	0.0077	50.0%	0.82 [0.81, 0.84]				
Conroy 2015	0.815	0.0077	50.0%	0.81 [0.80, 0.83]				
Total (95% CI)			100.0%	0.82 [0.81, 0.83]				•
Heterogeneity: $Tau^2 = 0.00$; $Chi^2 = 0.84$, $df = 1$ ($P = 0.36$); $I^2 = 0\%$ Test for overall effect: $Z = 150.60$ ($P < 0.00001$)					-1	-0.5	0 0.5 C-statistic	1

c. LODS Score

				C-Statistic		C	-Statistic		
Study or Subgroup	C-Statistic	SE	Weight	IV, Random, 95% CI		IV, Random, 95% CI			
Conroy 2003	0.895	0.0077	36.5%	0.90 [0.88, 0.91]					
George 2015	0.865	0.0179	33.4%	0.86 [0.83, 0.90]					-
George FEAST 2015	0.77	0.0255	30.1%	0.77 [0.72, 0.82]					-
Total (95% CI)			100.0%	0.85 [0.78, 0.91]					•
Heterogeneity: $Tau^2 = 0.00$; $Chi^2 = 23.04$, $df = 2$ (P < 0.00001); $I^2 = 91\%$ Test for overall effect: $Z = 26.62$ (P < 0.00001)						-0.5	0 C–Sta	0.5 tistic	1

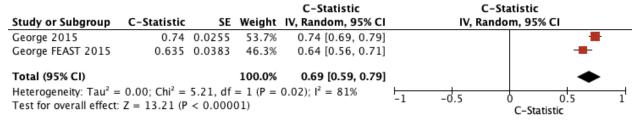
d. SICK score



e. FEAST PET Score

				C-Statistic		C-Sta	itistic	
Study or Subgroup	C-Statistic	SE	Weight	IV, Random, 95% CI		IV, Random, 95% CI		
George 2015	0.74	0.0255	53.7%	0.74 [0.69, 0.79]				
George FEAST 2015	0.635	0.0383	46.3%	0.64 [0.56, 0.71]			-	-
Total (95% CI)			100.0%	0.69 [0.59, 0.79]				•
Heterogeneity: $Tau^2 = 0.00$; $Chi^2 = 5.21$, $df = 1$ ($P = 0.02$); $I^2 = 81\%$ Test for overall effect: $Z = 13.21$ ($P < 0.00001$)						-0.5) 0.5 C-Statistic	1

f. Bedside PEWS Score



PEWS: pediatric early warning score, FEAST PET: Fluid Expansion as Supportive Therapy Pediatric Emergency Triage, Lambarene Organ Dysfunction Score, PEDIA: Pediatric Early Death in Africa, SICK: Signs of Inflammation in Children that Kill