

IMMEDIATE use of Gentamicin in SEPSIS

Step 1

- If possible, weigh patient (estimated weight is fine)
- Ask for or estimate height

Step 2

- Check SCiStore for **known** CKD 4 or 5 (eGFR under 30)
 - **DO NOT WAIT FOR CURRENT BLOOD RESULT**

Step 3

- eGFR ≥ 30 : give 5mg/kg* actual weight to **max 400mg**
- eGFR < 30 : give 2.5mg/kg* actual weight to **max 180mg**
- If only height known, dose as per table below

*Prescribe dose to nearest 20mg

Height range		Gentamicin dose			
		Male		Female	
Ft in	Cm	eGFR 30 or above	eGFR less than 30	eGFR 30 or above	eGFR less than 30
4'8"	142	240mg	120mg	220mg	100mg
4'9"	145	260mg	120mg	240mg	120mg
4'10"	147	260mg	140mg	240mg	120mg
4'11"	150	280mg	140mg	260mg	120mg
5' 0"	152	300mg	140mg	280mg	140mg
5' 1"	155	300mg	160mg	280mg	140mg
5' 2"	158	320mg	160mg	300mg	140mg
5' 3"	160	340mg	160mg	300mg	160mg
5' 4"	163	340mg	180mg	320mg	160mg
5' 5"	165	360mg	180mg	340mg	160mg
5' 6"	168	380mg	180mg	360mg	180mg
5' 7"	170	400mg	180mg	360mg	180mg
5' 8"	173	400mg	180mg	380mg	180mg
5' 9"	175	400mg	180mg	400mg	180mg
5' 10"	178	400mg	180mg	400mg	180mg
5' 11" & taller	180 & taller	400mg	180mg	400mg	180mg
		MAXIMUM DOSE			

Check gentamicin level at 6 to 14 hours to calculate dosing interval