

How to prescribe gentamicin

Prescribe gentamicin 'as charted'.
DO NOT specify a dose or dose time on the kardex.

Parenteral Drugs : Regular Prescription	
BEFORE ADMISSION <input type="checkbox"/>	DRUG Gentamicin
NEW DOSE <input type="checkbox"/>	DOSE As charted
NEW MEDICATION <input checked="" type="checkbox"/>	ROUTE IV
	DATE 26/10
	STOPPED DATE: INITIALS:
	PRESCRIBER (PRINT & SIGN) J Smith (J SMITH)
	ADDITIONAL INSTRUCTIONS / COMMENTS / PHARMACY See Gentamicin Chart

Remember to discontinue gentamicin on BOTH the kardex and the chart when the course is complete.

The dose and dose time will be prescribed on the separate gentamicin prescription chart and may vary (see below).

ADULT PARENTERAL GENTAMICIN (GGC): PRESCRIBING, ADMINISTRATION & MONITORING CHART

Use for all patients prescribed intravenous gentamicin unless prophylactic indication or synergistic doses (usually in endocarditis) are being used

Patient name: **Alessandro PATIENT**

Date of birth: **13/08/1945**

CHI no.: **1308859999**

Age: **72** Sex: **M** / F

Weight: **62.5kg** Height: **165cm**

Creatinine: **114** on: **26 /10 / 2017**

Initial Gentamicin Dose*: **320mg**

Predicted Frequency*: **48 hourly**

Source of first dose: Online calculator (preferred method) Manual calculation Weight based, creatinine not known

Step 1: Calculate and prescribe the first dose of gentamicin (see overleaf for more details)

Document: the source of the first dose, the parameters used and the dose calculated.

Prescribe each dose individually and DO NOT prescribe >24h in advance. If the patient requires 48 hourly dosing state 'no dose required' on the chart when applicable (see example below).

Before re-prescribing: assess if the patient still needs antibiotics and, if so, if they could be switched to oral (refer to IVOST). If gentamicin is still needed check for toxicity and check the medicine kardex in case gentamicin has already been discontinued there.

Creatinine (Cr) should be checked daily and the result recorded on the prescribing chart.

Renal & otovestibular function	Date to be given	Time to be given	Gentamicin Dose (mg)	Prescriber's signature and PRINTED name	*Infuse over 30 mins*		Given by	Date of sample	Time of sample 24 h clock	Gent level (mg/L)	Action/ Comments (please initial action to be taken)
					Date given	Time started 24 h clock					
Cr = 114 micromol /L	26/10	19:30	320mg	J Smith J SMITH (FY1)	26/10	19:35	LS FR	27/10	09:40	3.1	24 hourly <input type="checkbox"/> 48 hourly <input checked="" type="checkbox"/> Withhold <input type="checkbox"/> Stop <input type="checkbox"/>
Cr = 118 micromol /L	27/10	No dose required	48 hourly dosing	J Smith J SMITH (FY1)	----	----	----				24 hourly <input type="checkbox"/> 48 hourly <input type="checkbox"/> Withhold <input type="checkbox"/> Stop <input type="checkbox"/>

Always record on the chart: accurate gentamicin sample times, the results obtained and the action taken. Gentamicin levels should be checked after the first dose then at least every 2 days.

Discuss with an infection specialist before continuing onto a second sheet