

CHI no
 First name DOB/...../.....
 Last name Sex: M F
 Address

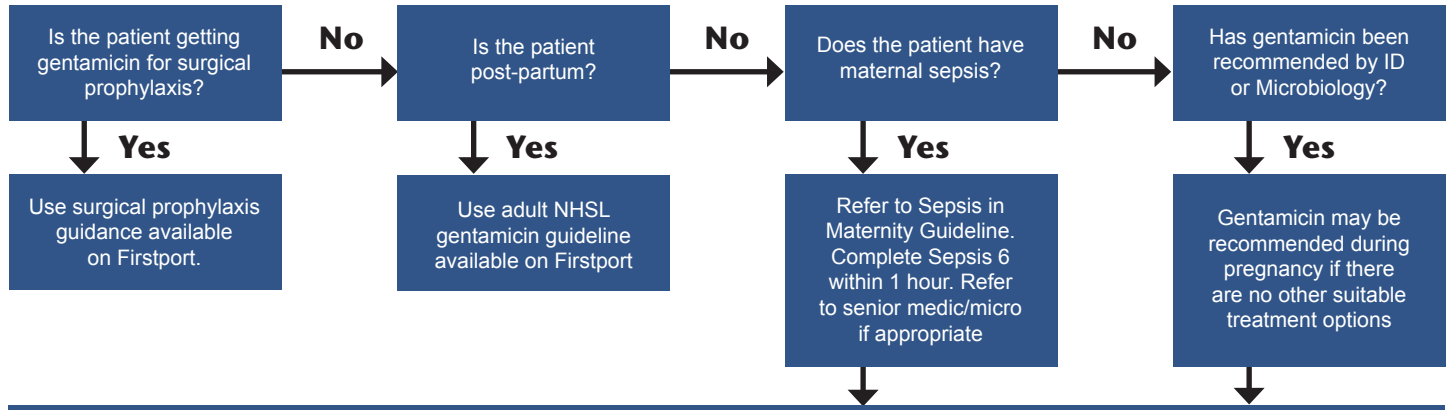
or attach addressograph label here

Hairmyres Monklands Wishaw
 Other: (specify)
 Ward:



Antenatal Gentamicin Prescription, administration and monitoring chart

Step 1 – Is the patient suitable for this dosing guideline?



Continue to Step 2 using this ANTENATAL guideline

Step 2: Calculate, prescribe and administer the first dose

1. Use table opposite to determine first dose (use booking weight)
2. Prescribe gentamicin 'as charted' on patient's cardex and prescribe individual dose overleaf
3. Administer dose in 100ml of sodium chloride 0.9% over 30 minutes
4. Document time of commencing infusion overleaf to ensure that the level can be analysed appropriately

Booking Weight (kg)	Dose(mg)
≤54	260
55-58	280
59-62	300
63-66	320
67-70	340
71-74	360
75-78	380
≥79	400
≥95	500

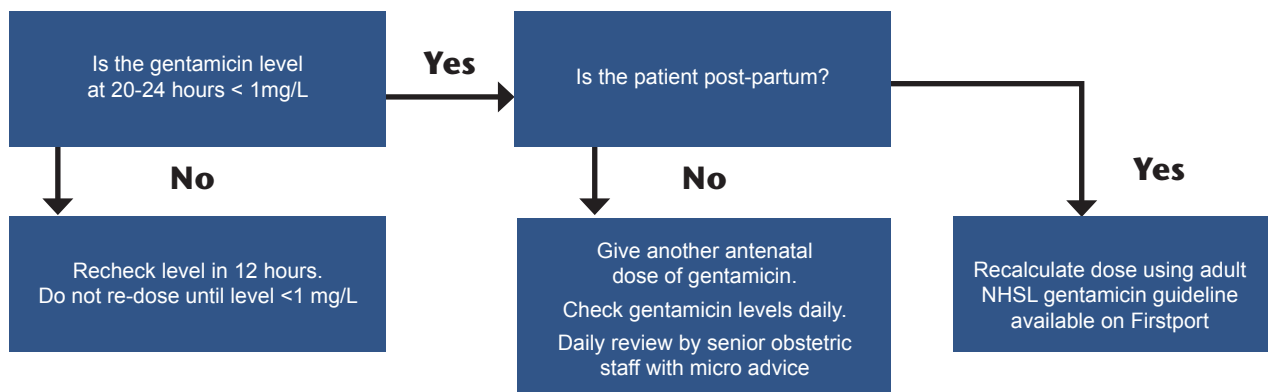
Step 3 - Monitor gentamicin level and renal function

If the patient has:

- ❖ chronic kidney disease stage 4 or more (eGFR <30ml/min),
- ❖ known/suspected acute kidney injury in previous 48 hours (≥ 50% increase in baseline serum creatinine or oliguria > 6 hours)

Give the first gentamicin dose and refer to microbiology to determine whether to continue or switch to a safer alternative. Monitor gentamicin levels as below.

For all patients, check a gentamicin level between 20-24 hours after the start of treatment. Consider the clinical need to continue gentamicin on a daily basis.



Patient name:

CHI No:

ANTENATAL GENTAMICIN

Prescription, administration and monitoring chart



PRESCRIPTION RECORD (ensure prescribed 'as charted' on cardex)				ADMINISTRATION RECORD				MONITORING			
Date	Time	Dose (MG)	Prescribed by (PRINT and sign)	Date given	Time given	Administered by		Date of sample	Time of sample	Level (mg/L)	Action
											<input type="checkbox"/> Continue 24 hourly <input type="checkbox"/> Withhold <input type="checkbox"/> Stop Details/other :
											<input type="checkbox"/> Continue 24 hourly <input type="checkbox"/> Withhold <input type="checkbox"/> Stop Details/other :
*Discuss with an infection specialist or microbiology and document in the notes if treatment continues beyond 3 to 4 days * Risks of prolonged treatment must be considered and treatment options discussed with microbiology or infection specialist If gentamicin continues > 3 days, supply a patient information leaflet 'Gentamicin and your Ears'											
											<input type="checkbox"/> Continue 24 hourly <input type="checkbox"/> Withhold <input type="checkbox"/> Stop Details/other :
											<input type="checkbox"/> Continue 24 hourly <input type="checkbox"/> Withhold <input type="checkbox"/> Stop Details/other :

PROMPT ADMINISTRATION

within 1 hour of recognition of sepsis reduces mortality

SIGNS OF GENTAMICIN TOXICITY

RENAL: ↓ urine output/oliguria or ↑ creatinine

OTO/ VESTIBULAR: NEW tinnitus, dizziness, poor balance, hearing loss, oscillating vision, unexplained nausea and/or vomiting

Toxicities may occur irrespective of gentamicin concentration

Safe Practice:

Review medication cardex prior to administration of gentamicin to ensure patient has not had gentamicin administered within 24 hours.