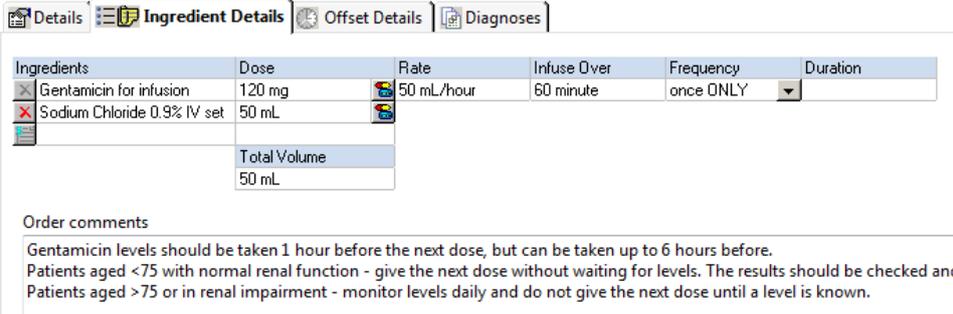


QRG – Gentamicin infusion prescribing																										
No.	Action	Responsibility																								
1.	<p>From the Request / Care Plans tab in PowerChart click on +Add and type in “Gentamicin” to find the Gentamicin Infusion Care Plan</p>	Doctor / NMP																								
2.	<p>Click on the Powerplan and select to open the plan</p>	Doctor / NMP																								
3.	<p>The plan is split into three sections</p> <ul style="list-style-type: none"> • Once daily dosing • Multiple daily dosing • Endocarditis <p>Navigate to the relevant section and click the Gentamicin order in it, e.g. once daily dosing</p>	Doctor / NMP																								
4.	<p>Laboratory requests can be actioned from this plan as well. Select the appropriate order and complete the required fields.</p>	Doctor / NMP																								
5.	<p>Click </p>	Doctor / NMP																								
6.	<p>The selected order(s) will display in the Requests / Care plans tab. To review the order and complete required fields click on the order to expand the details</p> <p>Ingredients</p> <table border="1"> <thead> <tr> <th>Ingredients</th> <th>Dose</th> <th>Rate</th> <th>Infuse Over</th> <th>Frequency</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Gentamicin for infusion</td> <td>50 mL</td> <td>50 mL/hour</td> <td>60 minute</td> <td>every TWENTY FOUR hours</td> <td></td> </tr> <tr> <td>Sodium Chloride 0.9% IV set</td> <td>50 mL</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Total Volume</td> <td colspan="4">50 mL</td> </tr> </tbody> </table> <p>Order comments</p> <p>Gentamicin levels should be taken 1 hour before the next dose, but can be taken up to 6 hours before. Patients aged <75 with normal renal function - give the next dose without waiting for levels. The results should be checked and Patients aged >75 or in renal impairment - monitor levels daily and do not give the next dose until a level is known.</p>	Ingredients	Dose	Rate	Infuse Over	Frequency	Duration	Gentamicin for infusion	50 mL	50 mL/hour	60 minute	every TWENTY FOUR hours		Sodium Chloride 0.9% IV set	50 mL					Total Volume		50 mL				Doctor / NMP
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<p>7.</p>	<p>The only information missing from this order is the dose to be administered. Please refer to the dose calculator on the intranet for this.</p> <p>https://intranet.mkuh.nhs.uk/gentamicin-guidelines-a-calculator</p> <p>Note that the once daily order defaults to a frequency of every 24 hours. If only a single dose of Gentamicin is to be administered, please amend the frequency to “once ONLY”.</p> <p>▼ Details for Gentamicin for infusion 120 mg + Sodium Chloride 0.9% IV set 50</p>  <p>Ingredients</p> <table border="1"> <thead> <tr> <th>Ingredients</th> <th>Dose</th> <th>Rate</th> <th>Infuse Over</th> <th>Frequency</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Gentamicin for infusion</td> <td>120 mg</td> <td>50 mL/hour</td> <td>60 minute</td> <td>once ONLY</td> <td></td> </tr> <tr> <td>Sodium Chloride 0.9% IV set</td> <td>50 mL</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Total Volume</td> <td colspan="4">50 mL</td> </tr> </tbody> </table> <p>Order comments</p> <p>Gentamicin levels should be taken 1 hour before the next dose, but can be taken up to 6 hours before. Patients aged <75 with normal renal function - give the next dose without waiting for levels. The results should be checked and Patients aged >75 or in renal impairment - monitor levels daily and do not give the next dose until a level is known.</p>	Ingredients	Dose	Rate	Infuse Over	Frequency	Duration	Gentamicin for infusion	120 mg	50 mL/hour	60 minute	once ONLY		Sodium Chloride 0.9% IV set	50 mL					Total Volume		50 mL				<p>Doctor / NMP</p>
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<p>9.</p>	<p>Click refresh  0 minutes ago</p> <p>Reconciliation Status</p> <p> Meds History  Admission  Discharge</p>	<p>Doctor / NMP</p>																								

10.

To refer back to the plan and which elements had been ordered from it, navigate to the requests / care plan tab into the Plans > Medical section.

Doctor / NMP

To view the whole plan, including all information and orders which hadn't been selected, click on the light-bulb at the top of the plan

This can be useful when referring back to monitoring requirements and interpretation of levels.

Trough level	Interpretation	Action
<1mg/L	Satisfactory	Continue
1-2mg/L	Caution	Give the next dose 36 hours after the previous dose
>2mg/L	High Risk	Do not give a further dose. Discuss with microbiology/pharmacy or consider alternative agent

11.

Navigate to drug chart to ensure that all medication orders display correctly.

Doctor / NMP