Quick Infusion Set-Up Guide
Ivac 572

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### Rate Calculation

<table>
<thead>
<tr>
<th><strong>250ml to be infused in 2 hours 30 minutes.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>When calculating rates, change the time of infusion into minutes e.g. 2 hours 30 mins = 150 mins, therefore to calculate this rate: -</td>
</tr>
</tbody>
</table>
| \[
\frac{60 \times 250}{150} = 100 \text{ ml/hr}
\] |
| The rate of infusion is therefore 100 ml/hr. |

<table>
<thead>
<tr>
<th><strong>1000ml to be infused in 8 hour 30 minutes = 100 ml/hr.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Again change the time of infusion into minutes, 8 hour 30 minutes = 510 minutes, to calculate this rate: -</td>
</tr>
</tbody>
</table>
| \[
\frac{60 \times 1000}{510} = 117.6 \text{ ml/hr}
\] |
| The rate of infusion is therefore 118 ml/hr. |

- Before you start check that your rate calculations are correct.
- Try these and see how you get on.

Quick Start-Up Guide

Setting up an infusion for the Ivac 572

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- Press the ON/OFF key (Circled in **RED**); the pump will go through a short ‘self test’ which is a power up sequence, wait until the power up sequence has finished.

- The TOT VOL INF can be re-set at this point by pressing the TOT VOL INF key along with the 100’s down arrow (as shown on the pump to clear; circled in **YELLOW**). This will clear all the previous total fluid volumes.
Setting up an infusion for the Ivac 572.

- Identify the correct giving set.
- Set the line as shown opposite ensuring that the pressure sensor is securely fitted, and that the line passes over the AIL detector (circled in RED).
- During an AIL error code clean the sensor this may clear the error code.
Setting up an infusion for the Ivac 572.

- Connect flow sensor (as seen below) if required; ensure that the sensors are placed on the ‘clear’ part of the drip chamber. Ensuring that the flow sensor is clean will lessen some error codes.
- Press Rate Key (key 11) and set rate to 155ml by pressing the UP/DOWN arrows shown opposite circled in RED.

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- Press VOL TO BE INF key (circled in RED) and set it to 150ml.
- Press RUN key circled in YELLOW and follow the instructions until infusion begins.
- Once the infusion begins ensure that the flow indicator bar (circled in blue opposite) rotates during infusion, and that it will change from a rotating bar to a circle. Each circle represents a drip being detected.
Setting up an infusion for the Ivac 572.

- To check how much volume has been infused press the TOT VOL INF key, circled in **RED**.
- To check what the pressure is press the ‘READ PRES’ key, circled in **YELLOW**.
- Once the infusion has completed, it will alarm and the display screen will show INFUSION COMPLETE KVO 5.0ml/HR.
- The KVO (Keep Vein Open) indicates that the pump will continue to infuse at 5ml/hl, to stop the KVO press the hold key.
Stopping an infusion.

- Stop the infusion by pressing the RUN/HOLD key.
- Remove the giving set from the patient.
- Turn the pump off by pressing the On/Off key.
- Before storing the pump discard the giving set safely as per hospital policy.
- Ensure that the pump is clean before storing.
- Always ensure that the pump is plugged into the mains socketed so that the pump is continually charging.