

## Salbutamol

| <b>Indication</b>                                   | Severe bradycardia  |                              |             |  |  |                                   |  |  |             |   |                             |        |            |                          |                        |           |  |   |  |  |  |
|---|---|------------------------------|-------------|--|--|-----------------------------------|--|--|-------------|---|-----------------------------|--------|------------|--------------------------|------------------------|-----------|--|---|--|--|--|
| <b>Dose</b>   | 3-20microgram/minute (180-1200microgram per hour)   |                              |             |  |  |                                   |  |  |             |   |                             |        |            |                          |                        |           |  |   |  |  |  |
| <b>Preparation</b>                                  | <p><b>CAUTION</b><br/>                 There are two strengths of Salbutamol for injection. The 5mg/5ml strength must never be given as a neat injection.</p> <p><b>Standard Concentration</b> (10microgram per ml)</p> <ol style="list-style-type: none"> <li>1. Withdraw 5ml from a 500ml bag of sodium chloride 0.9%</li> <li>2. Draw up 5ml of salbutamol (<b>5mg/5ml</b>) using a filter needle</li> <li>3. Add to the bag of sodium chloride 0.9%</li> </ol> <p><b>Fluid Restricted Patients</b> (200microgram per ml)</p> <ol style="list-style-type: none"> <li>1. Draw up 10ml of salbutamol (<b>5mg/5ml</b>) in a 50ml syringe</li> <li>2. Make up to 50ml with sodium chloride 0.9%</li> </ol> |                              |             |  |  |                                   |  |  |             |   |                             |        |            |                          |                        |           |  |   |  |  |  |
| <b>Administration</b>                               | Continuous infusion via peripheral or central line  |                              |             |  |  |                                   |  |  |             |   |                             |        |            |                          |                        |           |  |   |  |  |  |
| <b>Shelf-life</b>                                   | 24hours at room temperature   |                              |             |  |  |                                   |  |  |             |   |                             |        |            |                          |                        |           |  |   |  |  |  |
| <b>Common Compatibility Issues</b>                  | Glucose 5% may be used as a diluent.<br>Salbutamol should have a dedicated lumen for the duration of the infusion.  |                              |             |  |  |                                   |  |  |             |   |                             |        |            |                          |                        |           |  |   |  |  |  |
| <b>Additional information</b>                       | Salbutamol can cause significant hypokalaemia and tachycardia (monitor heart rate).   |                              |             |  |  |                                   |  |  |             |   |                             |        |            |                          |                        |           |  |   |  |  |  |
| <b>Sample Label</b>                                 | <table border="1" style="width: 100%; background-color: #ffff00;"> <thead> <tr> <th colspan="4" style="text-align: center;">DRUGS ADDED TO THIS INFUSION</th> </tr> </thead> <tbody> <tr> <td colspan="3">PATIENT<br/>A. Patient (A. Number)</td> <td>WARD<br/>CCU</td> </tr> <tr> <td>DRUG<br/>Salbutamol<br/>In 500ml sodium chloride 0.9%</td> <td>AMOUNT<br/>5mg<br/>(10mcg/ml)</td> <td>ADD BY</td> <td>CHECKED BY</td> </tr> <tr> <td>DATE ADDED<br/>TIME ADDED</td> <td>EXP. DATE<br/>EXP. TIME</td> <td colspan="2">BATCH No.</td> </tr> <tr> <td colspan="4" style="text-align: center;">DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS</td> </tr> </tbody> </table>                          | DRUGS ADDED TO THIS INFUSION |             |  |  | PATIENT<br>A. Patient (A. Number) |  |  | WARD<br>CCU | DRUG<br>Salbutamol<br>In 500ml sodium chloride 0.9% | AMOUNT<br>5mg<br>(10mcg/ml) | ADD BY | CHECKED BY | DATE ADDED<br>TIME ADDED | EXP. DATE<br>EXP. TIME | BATCH No. |  | DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS |  |  |  |
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**Written by** Dominic Moore Advanced Pharmacist – Specialist Medicine August 2016

**Approved by** Dr Damian Kelly – Lead Cardiologist September 2016

**For review August 2018**

## **References**

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