Clinical studies have shown that the use of a 46.7% Sodium Citrate solution to lock indwelling catheters has significant advantages compared to existing standards of care:

- Avoids the risk of systemic heparinization
- Prevents exacerbation of active bleeding\(^7\,^8\,^1\)
- Reduction of clotting incidents\(^4\,^5\)
- Lower tPA utilization rates and costs\(^4\,^5\,^7\)
- Reduction of catheter exchange rates\(^8\)
- Prevents the formation of biofilms\(^3\,^6\)
- Lowers the rate of catheter related bacteremia infections\(^9\,^10\)
- Safe for use in patients with HIT (Heparin Induced Thrombocytopenia)
- Improved INR reliability (international normalized ratio)
- Potential savings compared to other lock regimens\(^1\,^2\,^5\)
- Terminally sterilized. Sterile field compatible product
- Available in safe and convenient to use 5cc syringes and avoids the high pressure risks associated with smaller 3cc syringe sizes
- All natural. No artificial colors or preservatives

*This document contains information about products which may or may not be available in any particular country, and if applicable, may have received approval or market clearance by a governmental regulatory body for different indications and restrictions in different countries. Photo representative only. Product may not be exactly as shown.*
**CitraFlow™**

The natural way to lock catheters

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**Antimicrobial:**

46.7% CitraFlow™ is a proven antimicrobial for reducing the rates of Central Line Associated Blood Stream Infections (CLABSIs)

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St Bart’s, renal unit (Royal London) has a proven record in managing MRSA, but the number of infections across the hospital has steadily increased as shown on this diagram. However, since the introduction of citrate (46.7%) to the renal department the number of MRSA infections has fallen from 2.7/1,000 haemodialysis days to 1.36/1,000 haemodialysis days. Citrate intervention provides significant benefit to patients, provides an extra 2-3 bed days to the hospital and provides savings of £100,000’s.

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<table>
<thead>
<tr>
<th>Catalog #</th>
<th>Description</th>
<th>Quantity/case</th>
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<tbody>
<tr>
<td>38143</td>
<td>One 3ml 46.7% Sodium Citrate solution in 5ml syringe</td>
<td>150 units / cs</td>
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<tr>
<td>38143-1</td>
<td>Twinpack of two 3ml 46.7% Sodium Citrate solution in 5ml syringe</td>
<td>100 units / cs (200 syringes)</td>
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