Continuous development for continuous infusion

Targeted Drug Delivery System

CONTINUOUS WOUND INFUSION FOR POSTOPERATIVE PAIN RELIEF

Painfusor Catheter

Continuous development for continuous infusion

INFUSION SYSTEMS

Plan1Health
Partnering clinical expertise and industrial technology
Continuous Wound Infusion (CWI) is a technique which uses a multi-holed catheter to deliver local anaesthetics or analgesics directly into the wound for postoperative pain relief. It can be used as a single technique or as part of a multi-modal analgesic approach.

**Effective Postoperative Analgesia**

The continuous wound infusion of local anaesthetics or analgesics has been proven to provide effective postoperative analgesia for patients undergoing abdominal, gynecological ¹, thoracic ² - ³ and orthopaedic surgeries ⁴ - ⁷ as well as C section ⁸ and hernia repair. ⁹

**Reduces Opioid Usage**

Continuous wound infusion reduces the need for systemic opioids in the postoperative period. ¹ - ⁹

**Safe Technique**

Continuous infusion of local anaesthetics or analgesics in the surgical wound for postoperative analgesia is a safe technique as it does not increase the number of wound infections ⁵ - ⁷ - ⁸, does not impair the wound healing process ⁵ - ⁷ - ⁸, and does not generate toxic levels of local anaesthetics in the patient’s plasma. ¹ - ⁵ - ⁷ - ⁸

**Reduces Hospitalisation**

Some studies found that continuous wound infusion can reduce a patient’s length of stay in hospital. ¹ - ² - ⁵

**Excellent Patient Satisfaction**

Continuous wound infusion for postoperative analgesia provides excellent patient satisfaction. ⁵ - ⁶ - ⁸
INFUSION SYSTEMS

Targeted Drug Delivery System

PAINfusor Catheter features and benefits

- **Radioopaque catheter** with advanced design feature to optimise uniform flow distribution
- **High tensile strength** indicating low risk of breakage
- **Convenient, easy to use system** with peel-away introducer needle, dressing and catheter fixation
- **Range of 19 gauge catheters** to cover various incision lengths
- **Markings** to allow identification of multi-holed section, distance from the beginning of the multi-holed section and catheter integrity
- **Preconnected hub and hub sleeve** minimise the risk of disconnection or kinking after removal
CATHETERS FOR CONTINUOUS WOUND INFUSION

<table>
<thead>
<tr>
<th>REF</th>
<th>Name</th>
<th>Fenestred length</th>
<th>Overall length</th>
</tr>
</thead>
<tbody>
<tr>
<td>203.06.10.02P</td>
<td>PAINFUSOR Catheter 2.5</td>
<td>2.5 cm</td>
<td>37.5 cm</td>
</tr>
<tr>
<td>203.06.10.07P</td>
<td>PAINFUSOR Catheter 7.5</td>
<td>7.5 cm</td>
<td>42.5 cm</td>
</tr>
<tr>
<td>203.06.10.15P</td>
<td>PAINFUSOR Catheter 15</td>
<td>15 cm</td>
<td>50 cm</td>
</tr>
<tr>
<td>203.06.10.22P</td>
<td>PAINFUSOR Catheter 22.5</td>
<td>22.5 cm</td>
<td>57.5 cm</td>
</tr>
<tr>
<td>203.06.10.30P</td>
<td>PAINFUSOR Catheter 30</td>
<td>30 cm</td>
<td>65 cm</td>
</tr>
</tbody>
</table>

REFERENCES


