Continuous Wound Infusion
for Postoperative Pain Relief

Chemotherapy
Anti-infective Therapy
Iron Chelation
Systemic Analgesia
Regional Analgesia
Continuous Wound Infusion

PAINfusor
Catheter
The Targeted Drug Delivery System

Baxter
Continuous Wound Infusion

Continuous Wound Infusion 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 an effective postoperative analgesia in in-patients and ambulatory settings to patients undergoing orthopaedic\(^1\) - \(^4\), and thoracic\(^5\) - \(^6\) surgical procedures as well as laparotomy\(^7\), hernia repair\(^8\), and C-section\(^9\).

- **Reduces Opioid Usage**
  This analgesic technique 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\(^2\) - \(^4\),\(^9\), does not impair the wound healing process\(^2\),\(^4\),\(^9\), and does not generate toxic levels of local anaesthetics in the patient’s plasma\(^2\),\(^4\),\(^7\),\(^9\).

- **Reduce Hospitalisation**
  A few studies found that the continuous wound infusion technique allows for a reduction of the patient’s length of stay in hospital\(^2\),\(^5\),\(^7\).

- **Excellent Patient Satisfaction**
  Continuous wound infusion for postoperative analgesia provides excellent patient satisfaction\(^2\),\(^3\),\(^9\).
PAINfusor Catheter features and benefits:

- **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 and adhesive included
- **Range of 19 gauge catheters** to cover various incision lengths
- **Radioopaque catheter** with printing to allow identification of multi-holed section, distance from the beginning of the multi-holed section and tip identification
- **Preconnected hub and hub sleeve** minimise the risk of disconnection or kinking

INfusor features and benefits:

- **Rigid housing** eliminates the effect of accidental external pressure
- **Consistent, accurate flow rate**
- **Infusion Progress Indicators** to monitor the progress of the infusion at any time
- **Minimal Residual Volume**
- **Full range of single-rate and multi-rate products** to suit therapy needs
- **Patient Control (PCRA) devices available**
- **Validated catheter and Infusor combinations**
- **Compatibility tested with a broad range of local anaesthetics and analgesics**
**References:**


11. Baxter data on file (release specifications)

12. Baxter data on file (Infusor and catheter testing)

13. Baxter data on file (tensile strength testing)