Consider a Better Alternative for Post-Op Pain Control
A Direct Approach to Post-Op Analgesia

More than ever, patients are going home earlier after surgery. Unfortunately, their post-operative pain is going home with them.

Now you can provide more effective management of your patients’ post-operative pain using the ACCUFUSER® Post-Op Pain Control Pump from Curlin Medical.

Compared to systemic narcotic medications, the portable ACCUFUSER pump delivers post-operative analgesia directly to the surgical site by continuously infusing non-narcotic local anesthetic into the wound through an indwelling catheter. As you’ll see in this brochure, clinical experience with the ACCUFUSER pump technique shows both a significant reduction of post-operative pain and significantly-reduced usage of narcotic pain medications.

Surgeons have found that the technique is safe, as well as simpler and more cost-effective to administer than epidural or intravenous alternatives.

Designed for Better Relief and Patient Satisfaction

The ACCUFUSER pump is a small disposable infuser that connects to the Curlin Saturation Catheter™, specially-designed with a pattern of tiny holes. The catheter is inserted during surgery and the incision is closed. When the pump is activated, the catheter bathes the surgical wound with continuous local anesthetic for one to five days.

For enhanced pain relief, patients can use the pump’s optional bolus-dose button to self-deliver additional local anesthetic before activities or during periods of increased pain.

Upon the conclusion of therapy, the catheter removes easily and the pump is discarded.

Simple to Set Up and Use

Your staff can fill, prime and prepare the ACCUFUSER system quickly and easily. Placing the catheter is also a simple procedure. Non-electronic and easy to operate, the ACCUFUSER pump requires very little staff or patient training. Medication delivery is automatic and patient intervention is minimal. For example, to monitor infusion progress, simply check the fluid level on the pump reservoir’s graduated scale.

A carrying pouch lets patients take the lightweight ACCUFUSER pump anywhere they go during their recovery.

Consider Continuous Local Anesthetic Infusion in the Surgical Wound Using the ACCUFUSER® Post-Op Pain Control Pump

Now Indicated to:

- Significantly decrease pain
- Significantly decrease narcotic use

When compared to narcotic-only post-operative pain management.

Systemic opioids affect the entire body, raising the risk of side effects. Continuous local anesthesia targets the surgical site with reduced risk of systemic side effects.
Groundbreaking Meta-Analysis Study Confirms ACCUFUSER Technique

Clinical research demonstrates effective post-operative pain management using the ACCUFUSER pump technique.

Liu et al conducted a definitive meta-analysis of clinical studies to evaluate the efficacy and safety of the technique, reporting their results in the December 2006 *Journal of the American College of Surgeons.* Forty-four randomized controlled trials were reviewed, representing 2,141 patients undergoing various procedures. The results were favorable for continuous local anesthetic infusion in the surgical wound, including these specific findings:

- Significant decrease in post-operative pain
- Significant reduction in narcotic use
- Significantly-reduced PONV
- Decrease of one day in average length-of-stay
- Significant increase in patients reporting “excellent” satisfaction

Besides continuous infusion, the ACCUFUSER pump provides a bolus-dose button that patients can use to self-deliver additional local anesthetic if needed. Clinical research shows that patients given continuous local anesthetic combined with bolus dosing receive equivalent or superior analgesia and use less pain medication, compared to patients given continuous-only or bolus-only infusion.

Established Safety for the Patient

Reports of complications remain low after several years of widespread use of continuous local anesthetic infusion for a variety of surgical procedures. Evaluating its safety in their recent meta-analysis, Liu et al found these two results in the clinical literature:

- 0.7% infection rate vs 1.2% control & non-catheter rates
- No cases of local anesthetic toxicity

In other studies, local anesthetics have been observed to produce an antimicrobial effect that may help explain the low incidence of surgical site infection. Absolutely latex-free, the ACCUFUSER pump poses no risk of latex sensitization or exposure to latex-sensitive patients.

Proven Cost-Effectiveness in Patient Care

The key to cost reduction in healthcare today is earlier movement of patients out of the PACU, hospital or surgery center. In this environment, you’ll gain many cost-saving benefits using the portable ACCUFUSER Post-Op Pain Control Pump to deliver continuous local anesthetic infusion in the surgical wound.

Cost-saving benefits demonstrated in clinical research include:

- Decreased length of stay (LOS)
- Decreased PACU time
- Earlier return to activities of daily living
- Fewer readmissions

In one randomized controlled study, Dowling et al reported a savings of 8% in hospital costs using continuous local anesthetic infusion to control post-operative sternotomy pain.

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A Safe System Design

The ACCUFUSER pump delivers safe, accurate infusion without the complexity and error potential of user-programmable electronic devices. A range of models is available with factory-set flow rates and bolus-dose lockout times that cannot be changed from your prescribed choice. The highest flow rate available is 10 mL/hr, making gross over-infusion unlikely.

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Proven Reimbursement Assistance

Convenient, successful reimbursement assistance is a key advantage for surgeons selecting the ACCUFUSER pump. Curlin Medical’s proven approach will help you and your hospital or ambulatory surgery center to recapture the costs for the surgical procedure necessary to place the ACCUFUSER pump.

Curlin Medical goes beyond other companies to actually work with payers to obtain pre-authorized reimbursement for both you and your facility for this procedure. To further minimize your risk, we inform you of the patient’s coverage before the surgery.

Act Locally to Relieve Pain More Effectively

 Improve the post-operative recovery of your patients as they transition from the hospital to the home. Use the ACCUFUSER Post-Op Pain Control Pump from Curlin Medical to deliver continuous local anesthetic infusion directly to the surgical wound, providing more effective pain relief and greater patient satisfaction.

References:


Representative Clinical Findings

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<td>Plastic/Reconstructive Surgery</td>
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About Curlin Medical

Curlin Medical, Inc. is an innovative medical technology company dedicated to improving infusion therapy and pain management. Through continuing investment in research and development, our mission is to provide “best-in-class” product solutions that improve medication safety, optimize clinical performance and reduce infusion costs.

Our industry-leading infusion and pain management solutions include both electronic ambulatory pumps and non-electronic disposable infusers. A wide range of Curlin pumps are used in hospitals, surgery centers, clinics and patients’ homes for pain control, total parenteral nutrition, antibiotic delivery, chemotherapy and other infusion therapies.

Contact Your Curlin Representative

For more information or 24/7 clinical/technical support, call toll-free: 888.287.5999 or visit: www.curlinmedical.com

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician

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