

BlockAid Clinician FAQ's

What is the Stryker PainPump®2 BlockAid, and what is it used for?

The Stryker PainPump®2 BlockAid is an infusion device that is used to help manage post-operative pain. The BlockAid delivers controlled amounts of medication in close proximity to the nerves associated with the area of operation for postoperative regional anesthesia. The pump infuses the medication at an hourly flow rate and provides the option for patient controlled bolus doses. Routes of administration may be intraoperative, perineural, or percutaneous

PainPump®2 BlockAid can also be used for controlled delivery of local anesthetics directly to the intraoperative site for pain management. Medications are infused through intramuscular or subcutaneous routes.

How does the Stryker BlockAid infusion device function?

The BlockAid pumps medication using a pulsing method. A pulse of fluid will be pumped every so many seconds depending on the selected flow rate. During a bolus, the pump pulses fluid as fast as possible (about every 3 seconds) until the total amount of the bolus is delivered. Like the continuous flow rate, this total bolus amount is determined by the surgeon. The surgeon selected lockout time determines the minimum time between the start of one bolus to the start of the next. It is important to note that the Drug Concentration setting has no influence on how the pump actually runs. It is only used as a calculator tool to determine the displayed Maximum Daily Dose of drug.

How, and by whom are the settings programmed?

The settings are completely programmed by the anesthesiologist or a staff member in the operating room. There are two buttons that the staff person will use to set the pump. The anesthesiologist will decide beforehand which flow rate and bolus dose is appropriate for the patient. Once the settings have been selected and entered into the pump, the unit must be LOCKED in order for the pump to start infusing medication.

Can the settings be changed after the pump has been locked?

Yes. The pump can be reprogrammed by entering a security code. This should only be done by the anesthesiologist or a staff member appointed to do so by the anesthesiologist. The patient

should not change any settings on the pump. The security code helps ensure the safety of the patient.

What are the choices for flow rate and bolus doses?

The pump may be programmed to deliver a continuous flow rate of 0.5, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0 or 15.0 ml/hr. The bolus doses may be given in 1 to 15 ml doses at 10, 15, 20, 25, 30, 45, 60, 75, 90, 105, or 120 minute intervals. A screen on the pump will automatically calculate the milligrams per day that the patient will be receiving of local anesthetic. This feature allows the doctor to easily decide whether the settings are within safe limits.

Can the unit be turned ON and OFF?

Yes. The pump may be turned ON and OFF during its use. The programmed settings will remain the same even after the unit has been turned OFF. You must hold the orange lock button for five seconds to turn on or off.

Is the BlockAid applicable across a variety of specialties?

Absolutely. Since the BlockAid is completely programmable and reprogrammable, a hospital may only need to order one pump to meet the requests of all the surgeons in different areas of surgery. Since the BlockAid can be used for continuous nerve blocks and direct wound infusion, the use of this pump may reduce the amount of stock for the hospital if they are accustomed to carrying multiple parts and kits for pain pumps.

What does the patient do if they have additional questions about the pump?

Stryker Instruments has a toll free 24 hr Patient Hotline for the Stryker PainPump.

Someone will be available to help answer any questions or concerns relating to the pump. The toll free number is **1-877-848-5756**