smiths medical
bringing technology to life

Medfusion® 3500 Syringe Pump
with PharmGuard® Medication Safety Software

Simple, safe and smart infusion delivery for anesthesia

medfusion™

Anesthesiologists and their patients can benefit from a syringe infusion system that is not only simple and safe, but also *smart* and designed specifically for anesthesia needs.

Simple
- Three button presses to start an infusion
- Large display screen allows input of full drug names and concentrations
- Customizable drug alerts

Safe
- Customizable drug library helps reduce medication errors
- Hard and soft safety limits are available in all PharmGuard® software drug programs
- Tall Man lettering helps prevent errors from look-alike drug names

Smart
- As a Dose Error Reduction System (DERS), PharmGuard® software helps reduce pump programming errors and associated adverse events
- Meets the Anesthesia Patient Safety Foundation recommendation for improving medication safety in the operating room*

Simple.
Safe
Smart.

Infusions should be delivered by an electronically-controlled smart device containing a drug library.[1]
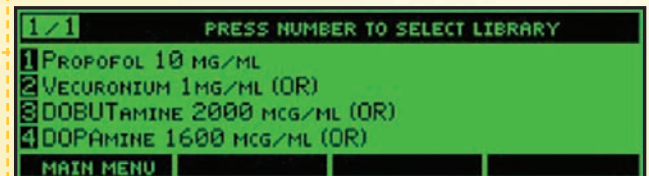
Quick Library for Anesthesia

The Medfusion® 3500 pump has a Quick Library feature developed specifically for anesthesia that allows programming of the pump in three quick button presses
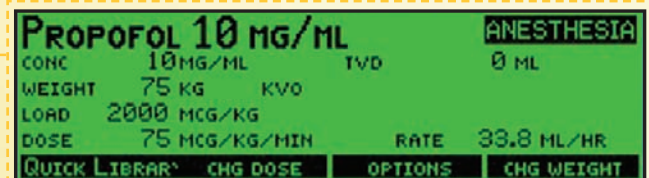
1 SELECT PROFILE

```
PRESS THE NUMBER TO SELECT THE PROFILE
1 PEDIATRIC ANESTHESIA
2 ADULT ANESTHESIA
```

2 SELECT DRUG

```
1/1        PRESS NUMBER TO SELECT LIBRARY
1 PROPOFOL 10 MG/ML
2 VECURONIUM 1MG/ML (OR)
3 DOBUTAMINE 2000 MCG/ML (OR)
4 DOPAMINE 1600 MCG/ML (OR)
MAIN MENU
```

3 START INFUSION

```
PROPOFOL 10 MG/ML                    ANESTHESIA
CONC          10MG/ML      IVD            0 ML
WEIGHT        75 KG    KVO
LOAD       2000 MCG/KG
DOSE         75 MCG/KG/MIN      RATE   33.8 ML/HR
QUICK LIBRAR   CHG DOSE     OPTIONS    CHG WEIGHT
```

Additional features for anesthesia
• Stand-by mode allows for setup prior to daily cases
• Small and portable
• Flow rate infusion accuracy of +/- 2% even with low volume infusions
• Medex® Ultra non-PVC extension sets are also available from Smiths Medical

PharmGuard® Medication Safety Software

With the PharmGuard® safety software you can customize your Medfusion® 3500 syringe pumps to meet your entire facility's needs and provide safer medication delivery.

PharmGuard® Anesthesia Software Service

With the PharmGuard® anesthesia software service we'll work with you to get your customized drug library for anesthesia on your Medfusion® 3500 syringe pumps – it's easy and convenient!

Create and enter your own library with the PharmGuard® Toolbox PC software or let us assist you through the PharmGuard® anesthesia software service

PharmGuard® Anesthesia Software Service

PharmGuard® anesthesia software service makes it easy and convenient to get your customized drug library on your Medfusion® 3500 syringe pumps. Our team loads your library into the pump and tests it to make sure the library configuration works correctly. The service allows you to use your resources more efficiently, saving you both time and money.
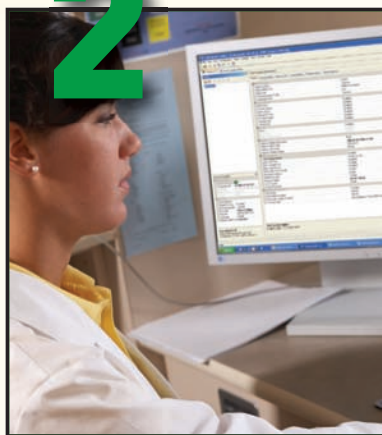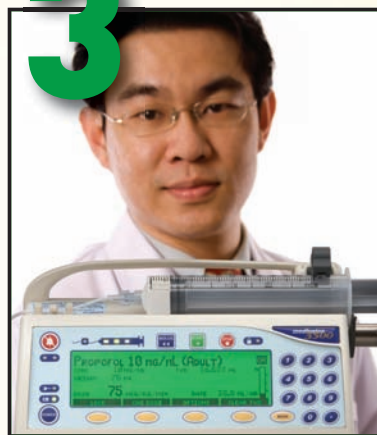
Easy Implementation

1

Your team fills out a template to create a library with parameters for up to 12 drugs / 2 profiles

2

Our team enters the library you created into your Medfusion® 3500 pumps

3

Medfusion® 3500 pumps are shipped to you and ready to use

To get started, contact your Smiths Medical representative at 1-800-258-5361

¹ Eichhorn, John H., M.D., *Consensus Group Defines Challenges and Opportunities for Improved Practice.* APSF Newsletter, APSF Medication Safety Conference, Spring 2010.

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AVOBUS EQUIPMENT