

WAY 18

SEVA Direct Basic by IntraVena

SEVA Direct Basic offers an inexpensive, safety hazardous drug transfer convenience kit designed to improve hazardous drug safety and minimize IV line connections and disconnections for your patients.

CEO: Gale Thorne, Jr.
Founded: 2007
Employees: <10
Phone: (801) 510-8733
Fax: (801) 295-8471
Address: 1898 Chokecherry Drive
 Bountiful, UT 84010
Website: www.intravenaonline.com



IntraVena*

Company Background

IntraVena, LLC ("IntraVena") was founded in 2007 by Gale H. Thorne Jr. and Gale H. Thorne Sr. IntraVena focused primarily in the area of hazardous drug safety. IntraVena began selling its convenience kits into the hazardous drug safety market in 2008.

In Q4 2010, IntraVena launched Vented SEVA, SEVA Direct Basic and SEVA Direct with Texium. SEVA is an acronym for Safety Enclosed Vial Adapter. SEVA is designed to minimize or eliminate accidental exposures to hazardous drugs. SEVA's unique and simple approach helps prevent accidental exposure from a number of sources that are not addressed by any other known product on the market. These include: 1.) Residual hazardous drug found on vial exteriors, 2.) Vapors released during use and disposal and 3.) Vial breakage. SEVA is part of IntraVena's overall approach to hazardous drug handling, called "Arrival to Disposal Safety".

In Q3 2011, IntraVena introduced an exciting new integral tethered alcohol swab feature to its SEVA Convenience Kits that provides easier, more efficient product use.

Product Overview

Approximately 85% of vials containing hazardous drugs are contaminated with hazardous drug residue on the outside of the vial, and the mere act of spiking a vial can release aerosols outside the vial. To address these and other common hazardous drug transfer issues, IntraVena developed SEVA convenience kits.

SEVA Direct Basic, a part of the SEVA family of products, is designed to transfer hazardous drug from a vial directly to an IV bag without detaching a syringe from the vial access pathway. IntraVena's SEVA Direct convenience kit offers a low cost, closed system hazardous drug transfer kit, which delivers measurably doses of hazardous drug directly from a vial to an IV bag. SEVA Direct is even more cost effective when used for multi-dose vial applications. Fluids are delivered from the vial to a measuring syringe, then to the IV bag through an integral stopcock. SEVA Direct Basic is a low cost solution for closed system hazardous drug transfer. It allows clinicians to use a needleless male luer connector of their choice. Each SEVA Direct Basic convenience kit provides an

enclosed vial adapter with tethered alcohol swab inside a medical grade, 4 mil, transparent, polyethylene bag. SEVA Direct Basic creates a barrier against hazardous drug on the exterior of the vial which may spread outside a laminar flow hood via touch contamination. The barrier also helps contain fluid and aerosol from release into a work environment.

The tethered alcohol swab affixed to the vial adapter spike cover, within the SEVA Direct Basic bag, permits easy access to an alcohol swab from the bag exterior without compromising sterility of bag contents. An easy tug of the tether exposes the swab, thereby reducing steps in vial preparation and handling.

SEVA Direct Basic uses the bag as an air reservoir, permitting high volume gas transfer without a need to exchange air from the exterior environment. With the aid of a vent on the vial spike, diluent may be added to lyophilized powder for easy drug reconstitution. The SEVA Direct Basic bag is clear, permitting clinicians to easily see vial contents and labeling. Importantly, the vented vial adapter only vents inside the bag, not into the exterior environment.

Additional Product Lines

- SEVA Direct with Texium® includes a unitized Texium® Male Luer Connector for convenience and ease of use.
- Mini SEVA is a vial adapter for accessing hazardous drug vials requiring needle access.
- Vented SEVA Convenience Kit is a hazardous drug transfer solution which operates like a conventional spike. The vial is contained inside a SEVA bag.

Markets Served

Closed System Hazardous Drug Transfer

Ordering Information

List Number	Product Name
0105-001	Vented SEVA
0105-002	Vented SEVA and Texium®
0107-001	Mini SEVA Swab
0107-002	Mini SEVA and Texium®
0106-007	SEVA Direct Basic
0106-001	SEVA Direct w/ Texium®

Kendall Thorne, COO

Phone: (801) 510-8733

Address: 1056 Millcrest Circle
 Bountiful, UT 84010

Email: kthorne@intravenaonline.com