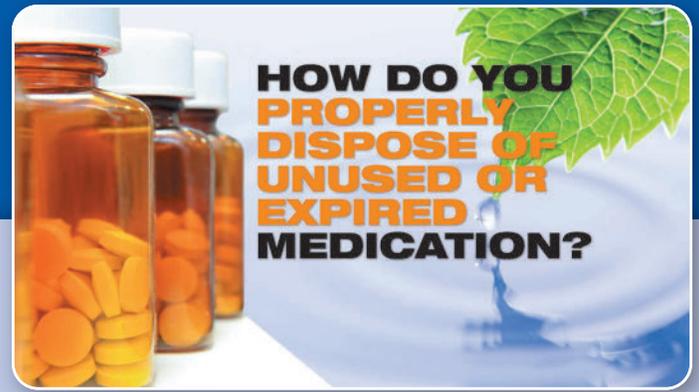




## MEDICATION DISPOSAL SYSTEM

300 North Kanawha Street, Suite 201, Beckley, West Virginia 25801  
877.441.8906 | www.elementmds.com | A product of V23, LLC



### HOW DO YOU PROPERLY DISPOSE OF MEDICATION THAT HAS EXPIRED OR IS NO LONGER NEEDED FOR TREATMENT?

That question is on the minds of many people in medical, environmental, and regulatory groups.

- Flushing is the most common practice, but traces of pharmaceuticals are showing up in water supplies across the country and some states have even made the practice of flushing medications illegal.
- Incineration is too costly and requires medication to be transported to facilities.
- Discarding can be dangerous and can lead to medication entering the drug trafficking market.
- Drug take back events occur only a few days out of the year.

## ELEMENT® MDS

Introduced by V23, LLC, **Element® MDS** is a proven concept for medication disposal directed at the health care industry. The **Element® MDS** product accepts medication, whether in solid or liquid form, and renders it undesirable. The tamper-resistant container can then be placed in a common trash receptacle.

The EPA currently recommends that unwanted medication should not be flushed down toilets because most public water filtration systems aren't equipped to remove pharmaceuticals from the water supply. Traces of certain drugs are showing up in public drinking water in various municipalities across the country. Several states, including California, now have laws prohibiting the flushing of medication due to the public water issue. The EPA suggests rendering the medication undesirable and placing it into the garbage.

The **Element® MDS** product contains an MDS powder packet that when mixed with the medication and tap water holds the medication in suspension and forms a solid gel making the medication undesirable.

### BENEFITS OF ELEMENT® MDS

- Can accommodate controlled substances unlike mail-in kits
- Can accommodate both solid and liquid forms of medication
- **Element® MDS** is plant-based
- Renders the medication undesirable within minutes of activating
- Can be discarded in regular trash receptacle
- Easy to use requiring only several basic steps
- Cost effective disposal process compared to other methods



*"Our patients and their families are increasingly aware of the issues associated with flushing medications. Many have expressed concern. Element MDS allows staff to dispose of medication in an efficient and compliant manner. Our nurses love it."*

-Janett Green, Executive Director Hospice of Southern WV

## INDUSTRIES UTILIZING ELEMENT® MDS

While Element® MDS was originally designed for the medical industry with a primary focus on hospice care facilities, other industries across the country have realized the value of the kit.

*Industries that use Element® MDS are:*

Hospice Care Facilities: As patients of hospice care facilities pass away, large amounts of medication must be disposed of in a responsible manner and must be documented extensively. Element® MDS allows the medication to be removed immediately and documented accurately.

Community Task Forces: Unfortunately, prescription drug abuse is creeping into households throughout every community regardless of socioeconomic levels. Family members can take advantage of unused medications for criminal purposes or for personal consumption. Element® MDS offers a quick and effective way to remove unused medications from households safely, keeping them out the wrong hands.

Police Departments: As police departments come face-to-face with increased prescription drug abuse and crime related to it, they are seeking ways to reduce the potential for the crime and abuse. Element® MDS presents an efficient and affordable opportunity for police departments to host their own medication take-back programs.

Landfill Organizations: In efforts to assist homeowners with disposing of household items, landfill organizations have discovered Element® MDS to be a low cost, effective way to provide a medication disposal solution to their residents. Element® MDS not only provides a proper medication disposal solution, but reduces negative effects on ecological structure and stability.

## ELEMENT® MDS VALUE OPTION

Ideal for hospice facilities, hospitals, and other care centers, the Element® MDS Value Option is a bulk supply of (50) 17oz Element® MDS kits. This kit eliminates individual packaging and branding thus offering even more savings than the quantity discounts offered with the Ready Kit Value Option. With the Element® MDS Value Option, organizations can get Element® MDS kits starting at \$5.60 each with volume pricing available.

## PRIVATE LABELING OPTION

V23, LLC recognizes the need for organizations to build awareness of their efforts in trying to remove unwanted medications. To help build awareness, V23, LLC offers Element® MDS with a private label option. Companies or organizations can incorporate their branding on the bottle and packaging for resale or giveaways.

## HOW TO ORDER

Element® MDS is available through an online store at [www.elementMDS.com](http://www.elementMDS.com). Kits can be purchased in cases of 50 in two options: a 17oz Value Option and a 17oz Ready Kit option. The kits usually ship within 24 hours of the order being placed and all major credit cards are accepted.

The screenshot displays the Element MDS website interface. At the top, there is a navigation menu with links for 'About', 'How it Works', 'Data', 'Testimonials', 'Why Element?', 'FAQs', 'Pricing/Purchase', and 'Contact'. The main content area features a large image of the Element MDS kit packaging on the left and a central text block that reads 'element medication disposal system' and 'THE ULTIMATE SOLUTION FOR PROPER MEDICATION DISPOSAL'. Below this, there are two buttons: 'Order Now' and 'Free Sample'. A small video player is visible on the right side of the page. The bottom section of the page contains a three-step disposal process diagram: Step 1: 'Insert medication, MDS powder packet and tap water in the tamper-resistant container.'; Step 2: 'Seal container and shake it vigorously for 30 seconds. Within minutes, the medication is transformed into a gel-like substance and is rendered unusable.'; Step 3: 'Throw away in common trash receptacles.' A 'Request Sample' button is located below the diagram. At the very bottom, a footer asks 'Is Element MDS right for your organization? Contact us for a customized solution.'

"Element MDS is a safe, at-home disposal system that provides an opportunity to educate community members about the environmental impact of improperly disposing of medication... and helps create awareness about the importance of safeguarding current medications in the home, to prevent the opportunity for medication misuse and abuse – especially youth."

-Cassandra Holloway, Brattleboro Area Prevention Coalition

# CASE STUDY: HOSPICE OF SOUTHERN WEST VIRGINIA



*"Our patients and their families are increasingly aware of the issues associated with flushing medications. Many have expressed concern. Element® allows staff to dispose of medication in an efficient and compliant manner. Our nurses love it."*

**Janett Green**  
Executive Director of HSWV

Like many hospice organizations, Hospice of Southern West Virginia (HSWV) assists families with the disposal of medications during patient care and after the patient's passing. In the past, they followed the common practice of flushing them down the toilet in the family's home. However, they knew this couldn't be the best option. So, they partnered with [Element® MDS](#).

## **NOW, NURSES CARRY ELEMENT® MDS KITS WITH THEM DURING HOME VISITS AND THE ORGANIZATION FOLLOWS THIS PROCEDURE WHEN MEDICATIONS ARE TO BE DISPOSED:**

- Step 1:** All medications are documented on a two-part inventory form. This form includes a detailed listing of the medication, strength, count, pharmacy and Rx number.
- Step 2:** The nurse counts the medication along with a witness in the home. Both sign the inventory form.
- Step 3:** The nurse inserts all medications in the bottle along with the MDS powder packet and water, seals the container and shakes it. Within minutes, the medications are rendered undesirable.
- Step 4:** The container is disposed in a regular trash receptacle.
- Step 5:** The nurse leaves the bottom copy of the inventory form with the family. The top copy of the form is returned to HSWV offices.
- Step 6:** After return, an independent staff conducts a compliance check, verifying that the medications disposed are consistent with those listed in the patient's record.

***"We feel that Element® MDS is the best option for disposing medications. We are pleased with the procedure and feel that we are protecting our staff and company against possible drug diversion," -Janett Green***

**"Element MDS is very convenient and simple to use. Our nurses are delighted with it."**

**-Lea Ann Cline, R.N., Clinical Supervisor, Bowers Hospice House**