

DisposeRx[®]

Solving the problem of drug disposal



The U.S. Opioid Epidemic

Leading public health experts forecast that illicit opioid use has the capacity to kill nearly half a million Americans over the next decade.

The Opioid Epidemic in the U.S.

(2016/2017 Data):



11.4M
People **misused**
prescription **opioids**.¹



2M
People **misused**
prescription **opioids**
for the **first time**.¹



42,249
People **died** from
overdosing on opioids.²



2.1M
People had **prescription**
opioid use disorder.¹



886,000
People **used heroin** -
81,000 used it for the
first time.¹



15,469
Deaths attributed to
overdosing on heroin.²



\$78.5B
In **economic costs**
annually

The key to reversing this epidemic lies in public-private partnerships that utilize new preventive solutions and technologies, such as DisposeRx, to encourage safe, convenient and effective drug disposal by destroying leftover medications the moment they are no longer being used. DisposeRx was created for site-of-use and at-home drug disposal to effectively remove any opportunity for drug misuse or diversion.

DisposeRx is committed to eradicating the misuse of unused medications.

In 2017, the U.S. Department of Health and Human Services (HHS) declared the opioid crisis a public health emergency and announced a 5-Point Strategy to Combat the Opioid Crisis. Prevention was included as a key component of that strategy, and since 2015, DisposeRx has been working to educate Americans on overdose prevention and its convenient solution to destroy unused medications at home. According to the National Institute of Drug Abuse (NIDA), 70% of new addictions can be traced back to medicine cabinets, making it critical that at-home drug disposal is widely used to reduce the number of drugs available for misuse and diversion.

DisposeRx was instrumental in encouraging site-of-use drug disposal on Capitol Hill and played a role in the bipartisan adoption of federal legislation to combat the opioid crisis. The company was invited to the White House to participate in the President's signing of HR-6 that included site-of-use disposal.

In 2017, 130+ people died every day from opioid-related overdoses.

(HHS – September 2018 Fact Sheet)

ABOUT DISPOSERX PACKETS

DisposeRx packets contain a blend of patented and proprietary solidifying materials that provide a safe solution for the disposal of unused or expired medications. When water and the DisposeRx powder are added to drugs in the prescription vial and shaken, the drugs are dissolved and then chemically and physically sequestered in a viscous polymer gel made from materials that are FDA approved for oral medications.

1. 2017 National Survey on Drug Use and Health, Mortality in the United States, 2016
2. NCHS Data Brief No. 293, December 2017

Prevention is the key to reducing the number of overdoses, deaths and new addictions in the U.S. By employing solutions such as site-of-use drug disposal at home, DEA Take-Back Days, drop-off kiosks and continued public education and awareness efforts, we can dramatically reduce the number of Americans who die of opioid-related overdoses each day.

In the same manner that the Poison Prevention Packaging Act of 1970 legislated child-resistant packaging to reduce accidental poisonings and deaths, we assert that by dispensing safe and convenient disposal solutions by the pharmacist for use at home, we can reduce new addictions and overdoses and encourage positive prescription drug disposing habits.

DISPOSERX MILESTONES:

- Founded 2015
- Patent-pending cross-linking polymer technology
- Expert team
- Certified manufacturing
- Government recognition
- Early adoption by chain pharmacies
- Available nationwide through top three drug wholesalers and e-commerce

To learn more visit www.DisposeRx.com or follow us:



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HOW IT WORKS



1.

Add warm tap water until vial is 2/3 full.

2.

Empty contents into vial, replace and shake for 30 seconds. Then discard in trash.

DisposeRx - Drug disposal you can see right away.

Visit our YouTube channel to watch the [DisposeRx video](#).

DRUGS IN OUR DRINKING WATER

Leftover prescription drugs not only result in addictions and overdoses, but when flushed or discarded in the trash, they pollute drinking water. Once in the water, drugs cannot be removed and affect the entire food chain. Fifty wastewater treatment plants were tested for 56 drugs including oxycodone, high-blood pressure medications, and over-the-counter drugs.

More than half the samples tested positive for at least 25 of the drugs. Using DisposeRx packets to safely destroy unused medications prior to disposing of them in the household trash significantly reduces the environmental impact caused by improper disposal of medications and prevents those medications from polluting our water supply.

CHANGING HABITS FOR A CLEANER, SAFER NATION

We believe that by educating consumers on the importance of prescription drug dispensing, medication compliance and safe medication disposal, we can bring positive change to the way people manage their health and also safely dispose of unused prescription medications to protect lives and the environment.

THE MOST TESTED DRUG DISPOSAL SOLUTION ON THE MARKET

Several independent laboratories have provided third-party, independent validation of the science of DisposeRx as an efficient drug disposal solution that will not harm the environment. For more information on these studies, and the science of DisposeRx, please contact Ann Hamlin, Director of Training and Science at ahamlin@disposerx.com.

“Advancements in drug disposal have delivered us to the doorstep of a new day in reversing the devastation of our nation’s prescription medication abuse crisis.”

Dr. John Holaday, Co-founder & CEO, DisposeRx