



Eradicate Misuse of Unused Medications: *An Ecofriendly, Site-of-Use Solution*



Unused medications have the potential for misuse, overdose, poisonings and death. Improper medication disposal pollutes the environment. Following are some of the dangers of not disposing—or improperly disposing—of unused medications:

In a recent survey of over 1,700 people, sponsored by DisposeRx and conducted by an independent research organization:*

65%

of participants—after hearing facts about how unused medications contribute to child poisonings, environmental pollution, and the opioid epidemic—are “very” or “extremely” concerned about the dangers of leftover drugs.

4-out-of-10

survey participants with leftover medications do not know how to safely dispose of them and keep them as a result.

45%

preferred DisposeRx packets—more than 30 percentage points higher than two charcoal-based disposal solutions presented.

*Brightline Strategies; Alexandria, Virginia

OPIOID EPIDEMIC

Every day, more than 130 people in the United States die after overdosing on opioids. Diversion and misuse of unused prescription opioids is feeding the national opioid addiction crisis. Drug overdoses, largely opioids, are the leading cause of death in people under age 50. More than 50 million surgical procedures are performed each year in the United States, and approximately 80% of patients (40 million) receive opioids after surgery to manage their postoperative acute pain. As many as 6.5% of patients that take opioids to manage pain after surgery may become persistent opioid users, representing 2.6 million addicted people. In addition to lost lives, the Centers for Disease Control and Prevention estimates that the economic burden of prescription opioid misuse in the U.S. is \$78.5 billion a year.

POISONINGS AND ACCIDENTAL OVERDOSES

Over 300 children in the U.S. aged 0 to 19 years are treated each day in an emergency department—and two children die—as a result of accidental drug poisonings from leftover prescription medications. Active, curious children may try to eat or drink anything they can get into, including leftover medications that should have been safely discarded. These leftover medications are also the leading cause of suicides among teenagers.

ENVIRONMENTAL POLLUTION

Pharmaceuticals can enter water supplies through sinks, toilets or trash disposals, resulting in harmful chemicals ending up in our water sources—lakes, rivers and streams—polluting our drinking water. Medications discarded in the trash without neutralizing technology can spend years leaching into the soil and eventually make their way into ground and surface waters. In one study, 87% of water samples from USGS contained measurable amounts of 25 medications. Once in the water, there is no practical way to get them out. With the increased use of medications (such as by aging Baby Boomers), there is potential for greater environmental pollution in the future.

DisposeRx — An At-Home, Site-Of-Use, Ecofriendly Solution

The solution that effectively breaks the chain of medication misuse and abuse lies in public-private partnerships that utilize new preventive solutions and technologies—particularly an at-home, site-of-use solution such as DisposeRx—to encourage safe, convenient and effective drug disposal. DisposeRx was created for individuals to conveniently and safely remove the opportunity of potential medication misuse and diversion by rendering leftover medications unavailable and unusable.

DisposeRx packets contain a blend of proprietary solidifying materials that provide a site-of-use solution for the disposal of medications. When water and the DisposeRx powder are added to drugs in the prescription vial and shaken, the drugs are rendered unavailable and unusable. Medications are chemically and physically sequestered in a viscous polymer gel made from DisposeRx components that are ecofriendly and included on the FDA's list of inactive ingredients used in medications.

The DisposeRx Difference:

- ✓ Eradicate medications and discard within 60 seconds.
- ✓ Medications solidify in a viscous gel.
- ✓ Chemically and physically renders the active ingredients unusable.
- ✓ Private, at-home use with convenient disposal in household trash.
- ✓ Contents are ecofriendly after neutralizing with DisposeRx.

DisposeRx Has Been Rigorously and Independently Tested

Several independent forensic and toxicology laboratories have provided third-party data validating the safety and effectiveness of DisposeRx as an efficient drug disposal solution that is ecofriendly. For more information on these studies and the science of DisposeRx, please contact us at www.DisposeRx.com.

“Advancements in site-of-use 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

Chairman & CEO, DisposeRx

HOW IT WORKS



Add water until vial is 2/3 full.



Empty contents into vial, replace and shake for 10 seconds.

Then discard in trash.



DisposeRx – Drug disposal you can see right away.

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

To learn more visit www.DisposeRx.com | 844.456.1600

DisposeRx Inc. | 503 Carthage Street | Suite 202 | Sanford, NC 27330

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Sources: Centers for Disease Control and Prevention. Scientific American ([https://static.scientificamerican.com/sciam/assets/File/custom-media/Heron%20White%20Paper_%20\(002\).pdf](https://static.scientificamerican.com/sciam/assets/File/custom-media/Heron%20White%20Paper_%20(002).pdf))
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