

KNOW YOUR EXPOSURE TO HAZARDOUS DRUGS

Help minimize your risk with the USP <800> HazRx® mobile app

What is the exposure?



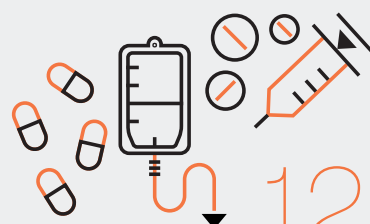
More than **8 million**



U.S. healthcare workers are exposed to hazardous drugs every year¹

Drugs are classified as **hazardous** when they possess any of **these characteristics**¹:

- ✓ Impact or damage DNA/genes
- ✓ Cause cancer
- ✓ Contribute to infertility
- ✓ Impact a developing embryo or fetus
- ✓ Cause developmental abnormalities
- ✓ Cause organ damage
- ✓ Have a similar structure or function to drugs that are determined to be hazardous

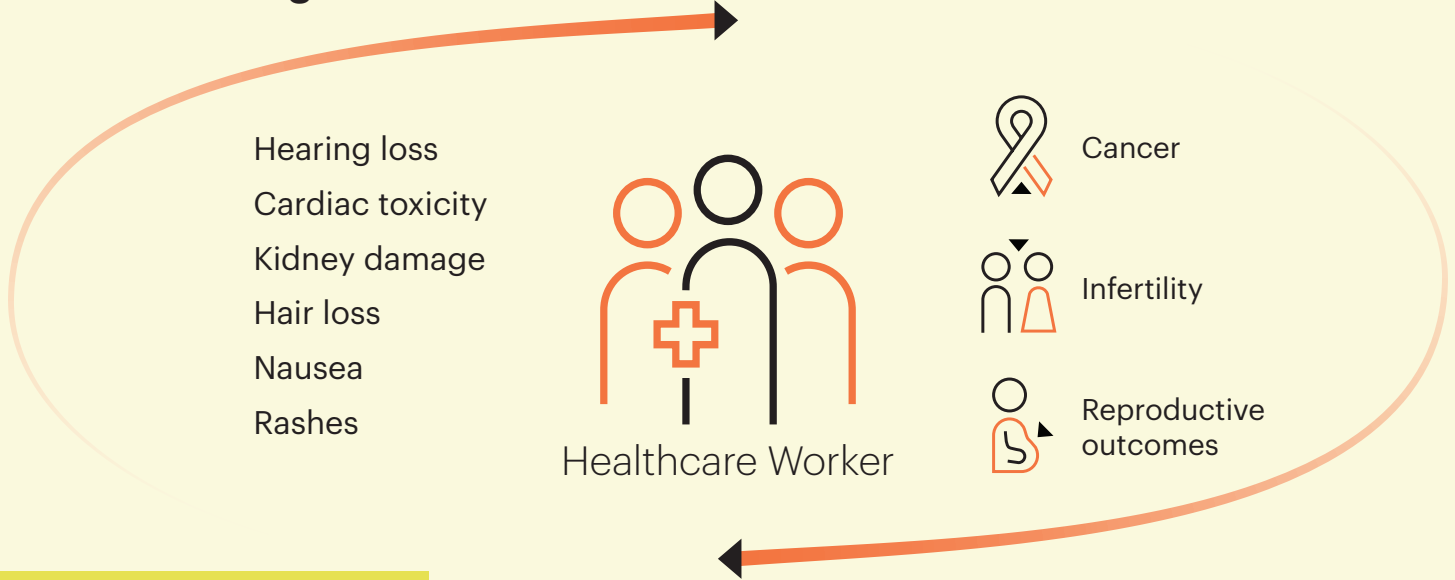


More than **12 billion**

doses of hazardous drugs are handled by U.S. providers each year²

What are the potential risks?

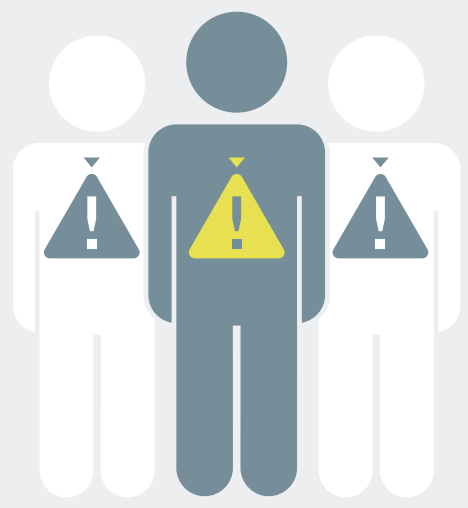
Acute³ and long term effects^{4,5}



Who is at risk?

Anyone handling hazardous drugs is at risk of exposure¹

- ▶ Pharmacists
- ▶ Pharmacy Technicians
- ▶ Nurses
- ▶ Physicians
- ▶ Surgeons
- ▶ Physician Assistants
- ▶ Respiratory Therapists
- ▶ Home Health Aides
- ▶ Nurses' Aides
- ▶ Housekeeping
- ▶ Janitorial Services
- ▶ Environmental Services
- ▶ Veterinarians
- ▶ Veterinarian Technicians
- ▶ Veterinarian Assistants



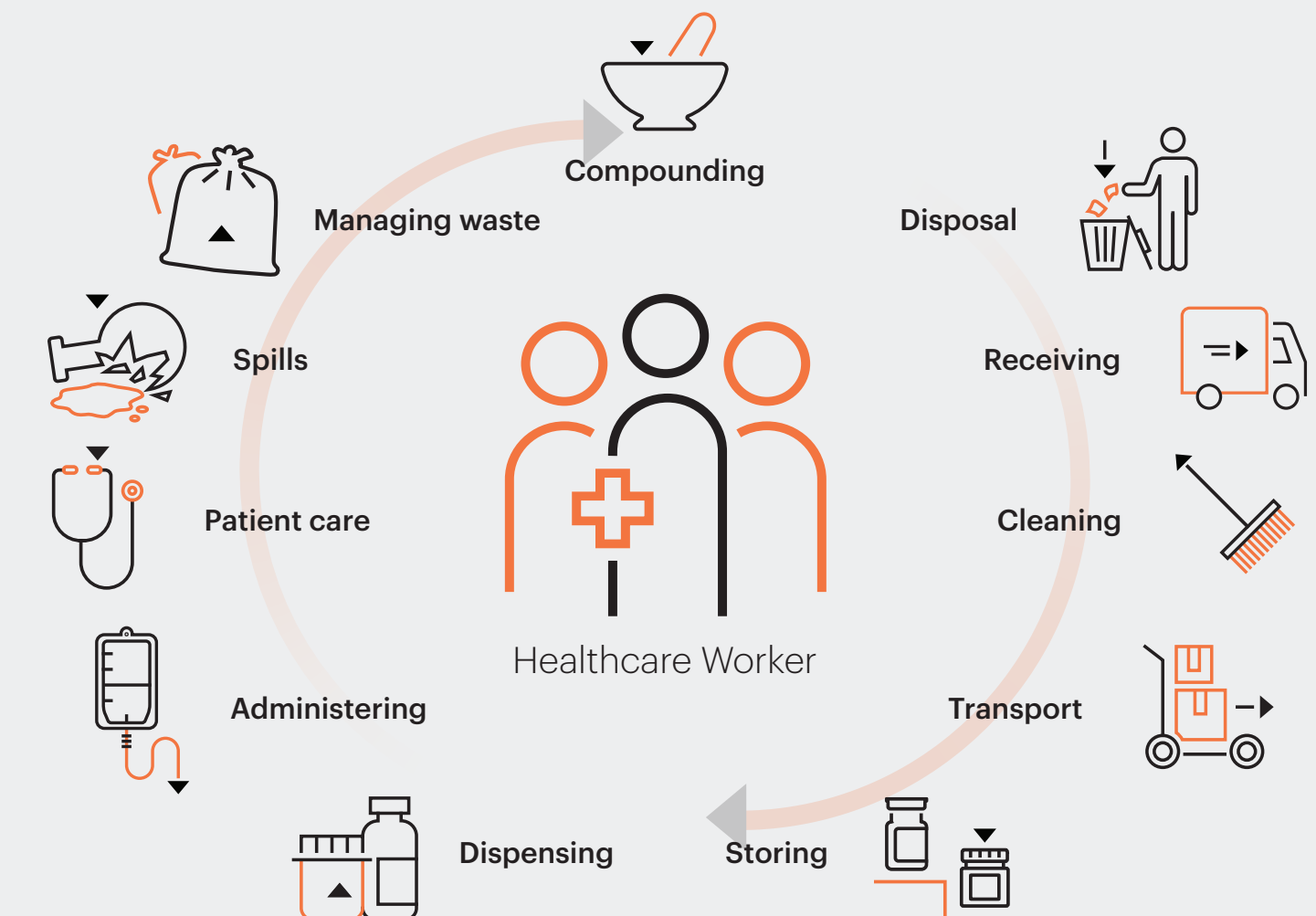
Where can exposure occur?

Exposure can take place in any healthcare setting^{1,6}



How can exposure occur?

Every aspect of handling hazardous drugs may result in exposure if proper precautions are not taken^{1,6}



Download the USP <800> HazRx® Mobile App



1. <https://www.cdc.gov/niosh/topics/hazdrug>
 2. IMS Data 2016 data and analysis
 3. Valanis BG, et al. Am J Hosp Pharm. 1993 Mar;50(3):455-62.
 4. Hansen J, Olsen JH. Scand J Work Environ Health. 1994 Feb;20(1):22-6.

5. Connor TH, et al. J Occup Environ Med. 2010 Oct;52(10):1019-27.
 6. USP General Chapter <800> Hazardous Drugs - Handling in Healthcare Settings. <https://www.usp.org/usp-chapter-800-download>