

# Implementing an HD surface contamination monitoring program

## Recommended surfaces to test in patient administration areas

Environmental contamination with hazardous drugs (HDs) in pharmacies and administration sites poses a serious risk to healthcare workers and their patients.<sup>1,3</sup> Routine monitoring for HDs is recommended for identifying and optimizing safety practices that allow facilities to proactively minimize HD surface contamination and limit exposure.<sup>1,3</sup>

Standards and guidelines have identified several locations in patient administration areas where routine wipe sampling for HD surface contamination might be beneficial.



### Top recommended surfaces

- a. Infusion pumps and equipment<sup>12</sup>
- b. Floors underneath infusion pumps<sup>12</sup>
- c. Nursing workstations and countertops<sup>12</sup>
- d. Restroom doorknobs and floors<sup>12</sup>
- e. HD disposal bins<sup>12</sup>
- f. Computer keyboards and mice<sup>2</sup>
- g. Transport containers and trolleys<sup>2</sup>
- h. Intravenous (IV) fluid bag storage shelves and cabinets<sup>2</sup>
- i. Chairs<sup>2</sup>

### Additional surfaces to consider

- j. Door handles<sup>2</sup>
- k. Patient tables or nightstands<sup>2</sup>
- l. Personal protective equipment used for administration<sup>2</sup>

Interested in implementing an HD surface contamination monitoring program at your facility? BD is ready to partner with your team to help revolutionize the way you monitor for HD surface contamination. We have developed a unique end-to-end program centered on the BD<sup>®</sup> HD Check System that will enable you to set up, customize and sustain your program in just four easy steps. To learn more, speak with your BD representative or visit [bd.com](https://www.bd.com).

**References:** 1. Gabay M, Johnson P, Fanikos J, et al. Report on 2020 Safe to Touch Consensus Conference on Hazardous Drug Surface Contamination. *Am J Health Syst Pharm.* 2021;78:1568-1575. 2. Domingo T, Fontán G, Enriquez M, et al. *Guía monitorización de superficies de medicamentos peligrosos.* 1. ed. Instituto Español de Investigación Enfermera; Consejo General de Enfermería; 2021. 3. United States Pharmacopeia. USP general chapter 800: hazardous drugs—handling in healthcare settings. Revised 2019. Accessed February 2025. <https://www.usp.org/reference-standards/reference-standards-catalog>

