

# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH

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**To: Healthcare Providers**  
**From: Lynn Sosa, MD, State Epidemiologist**  
**Subject: Use Only Sterile Ultrasound Gel for Percutaneous Procedures**  
**Date: May 28, 2025**

CDC is assisting with an ongoing multistate investigation involving use of non-sterile ultrasound gel for ultrasound-guided percutaneous procedures (procedures that involve skin or tissue puncture). Product testing identified *Paraburkholderia fungorum* (formerly *Burkholderia fungorum*) from two non-sterile ultrasound gel products. Genetically similar isolates of *P. fungorum* were also detected primarily from patient blood cultures; some of these patients were known to have undergone ultrasound-guided percutaneous procedures prior to culture collection. **Use of non-sterile ultrasound gel for percutaneous procedures risks patient safety.**

### Healthcare Providers should:

- **Select the right product:** Only use single-use ultrasound gel products labeled as “sterile” for ultrasonography in preparation for or during percutaneous procedures.
- **Train personnel:** Personnel who perform ultrasounds and ultrasound-associated procedures should be trained in the appropriate use of ultrasound gel products.
- **Review the label:** An ultrasound gel product label’s claim of “bacteriostatic” or “preservative” without a specific indication of sterility should be considered “non-sterile” for clinical purposes.

**Use of non-sterile ultrasound gel for percutaneous procedures could result in patient harm.** These risks are not limited to scenarios where there is known product contamination, as microorganisms may be present in non-sterile products in general. Learn more: [Full Recommendations](#)

**Facilities:** Report any adverse events or quality problems experienced with the use of ultrasound gel products to the product manufacturer and [FDA’s MedWatch Adverse Event Reporting program](#).

Suspect cases can be reported by calling (860) 509-7994 or emailing [dph.haiar@ct.gov](mailto:dph.haiar@ct.gov).

For current outbreak information, visit: [Alert: Use Only Sterile Ultrasound Gel for Percutaneous Procedures](#).



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