



Center for Preparedness and Response, Intelligence Hub October 29, 2024 | IV Solution Shortage

Situation Status

- Hurricane Helene's impact on the North Cove, NC, Baxter medical facility is having an effect on California medical and health systems, and that impact will likely grow until Baxter is able to repair the damage and return their production to previous levels. The current timeframe for the Baxter facility to return to normal operations is by end of December 2024; expected goal for allocations to increase to 70% by end of October 2024.
- CDPH is continuing to work with ESF-8 partners, expanding awareness of the impact. EMSA is focusing on the pre-hospital care impact of the IV solution shortage.
- Based on initial Requests for Information, the impact on facilities is uneven, hitting smaller, more independent hospitals harder than larger, in-system health care facilities. According to surveys conducted by EMSA, pre-hospital care providers in California are less impacted by the shortages than hospitals.
- Voluntary IV and saline solution conservation measures are being taken by medical facilities statewide. Federal agencies such as HHS and the FDA, as well as CDPH have issued recommendations for conservation methods including IV solution compounding. The FDA has also encouraged providers to keep expired solution on-hand.
- This shortage highlights a potential gap in the capability and capacity of mutual aid as this is not a resource that can be easily stockpiled locally/statewide. The recommendation to limit elective procedures as a conservation strategy has been met with some resistance as well by local healthcare facilities.
- According to RDMHS', the amount of resource requests being elevated beyond the regional level have decreased considering the state does not have additional supplies on-hand. Continuing to monitor for potential shortages on lactated ringers and dialysis solution. No immediate needs have been identified.

HHS/Federal Status

- **CDC Updates:** Health Alert Network (HAN) Health Advisory issued 10/12/2024 inform all healthcare providers of supply disruption of peritoneal dialysis and IV solutions with recommendations for facilities to mitigate shortages.
- **Baxter Updates:** FDA has authorized the extended use dates of 50+ IV and irrigation codes to provide up to an additional 12 months of expiry. Products now have a 24-month expiry period from the date of manufacture. This extension only applies to products manufactured prior to the end of September 2024. Details have been communicated directly to customers. Link: [Hurricane Helene: Baxter's manufacturing recovery in North Carolina | FDA](#)
- As of October 24, 2024, employees are now returning to work at pre-hurricane staffing levels this week, working alongside remediation contractors that have been engaged on a temporary basis for site recovery. Baxter has reported that barring any unanticipated developments, they anticipate restarting the highest-throughput IV solutions manufacturing line within the next week
- Baxter is currently managing inventory allocations to limit purchases on all products while their North Cove facility is getting back on-line. Allocations for U.S. based and international orders are increasing to 60% effective 10/9/2024; children's facility allocations are at 100%. Will be relying on temporary importations and global supply manufacturers for high use products.



- **FDA Updates:** On 10/28/24, the FDA announced extended use dates for some parenteral drug products after a review of the stability data submitted by Baxter International. Providers and patients that have the lot numbers in stock will be able to use them through the corresponding new use dates to help with supply. Please refer to this table linked through the FDA's website to assess extended use dates supported for specific lot numbers. Link: [Extended Expiration Dates | IV Solutions](#)
- Effective 10/11/2024 FDA declared national shortage of dextrose 70%, lactated ringers, and peritoneal dialysis solution. Compounding instructions available on FDA website, there is no 1-mile radius restriction for distribution of compounded IV solution. For shelf-life extensions on IV solutions, contact the manufacturer who will then request authorization from the FDA.
- **ASPR Updates:** Supporting restoration efforts for the Baxter North Cove facility; working alongside FEMA and Army Corps of Engineers to extract usable products from the facility. Assisted Braun with evacuation of medical supplies, no adverse impacts from Hurricane Milton. Facilitating air flights from international facilities to increase product flow through the Defense Production Act.

References:

[Hurricane Helene: Baxter's manufacturing recovery in North Carolina | FDA](#)

[Volume Fluid Shortages – Suggestions Conservation - ASHP](#)

[North Cove Baxter Plant Situation Report \(hs-sites.com\)](#)

[Letter to Health Care Leaders and Stakeholders on Impacts of Hurricane Helene from Secretary Becerra | HHS.gov](#)

[Medical Product Shortages and Scarce Resources | ASPR TRACIE \(hhs.gov\)](#)

[Hurricane Helene: Baxter's manufacturing recovery in North Carolina | FDA](#)