



## A BETTER WAY TO NAVIGATE DRUG SHORTAGES

### Proven Technology for the Drug Shortage Crisis

The *Shortage Navigator*, a web-based AI application from LogicStream Health, helps pharmacy teams proactively identify and manage drug shortages. It is easy-to-use and rapidly installed. Pharmacy teams nationwide rely on Shortage Navigator to stay ahead of drug shortages saving both time and money while also maintaining patient safety.

### Rapid Results & Rapid ROI

Pharmacies see rapid payback on their investment – often within a few months. You can:

- **Discover shortages early** – Maximize options to mitigate effects on patients. Using AI Machine Learning and pooled data across hundreds of locations including wholesaler deliveries, inventory levels, prescribing patterns, and manufacturing data. Shortage Navigator notifies pharmacy teams of new shortages ahead of public notifications.
- **Implement mitigation strategies** – Act quickly using data. While adjustments to purchasing is one element of the strategy it shouldn't be the whole strategy. The Shortage Navigator arms purchasing and clinical staff with information to act in a coordinated way. Shortage Navigator automatically analyzes each shortage in the context of your specific organization and recommends the best way to mitigate each shortage, from communication to inventory management to alternate buying options to EHR alternative alerts to order set design.
- **Communicate Effectively** – Use the generative AI technology behind ChatGPT to quickly write communication regarding shortages, products on shortage, alternative treatments and site-specific mitigation plans. Seamlessly deploy communications to websites accessible by frontline staff to keep patients safe as the shortage progresses.
- **Track the flow of all drugs** – Improve patient care while reducing drug spend. Give your pharmacists, technicians and buyers access to rich data for all medications, not just shortages. Access prescribing patterns, dispensing information, administration information, inventory and wholesaler data connected seamlessly together in one place.



## The Drug Shortage Crisis

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According to the American Society of Health-System Pharmacists (ASHP), drug shortages adversely affect drug therapy, compromise or delay medical procedures, result in medication errors and cause patient harm. ASHP reports pharmacy professionals are increasingly concerned about the tremendous resources required to address the shortages and the adverse impact they have on finances. Shortages increase the personnel costs required to manage the multiple pharmacy automation systems and electronic medical record changes that must be adjusted in the face of a drug shortage.<sup>(1)</sup>

The total cost of a medication shortage is well in excess of the price tag of a specific drug. Clinical staff members are forced to spend significant time tracking supply, looking for alternatives and changing protocols.

## A Better Way to Manage Drug Shortages

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Every drug shortage is different. The Shortage Navigator from LogicStream Health provides self-service access to data and tools to identify the highest-impact shortages and respond with targeted solutions. Shortage Navigator from LogicStream Health:

- Compiles and displays a comprehensive list of shortages based on current information from FDA, ASHP, and LogicStream's proprietary AI machine learning model.
- Determines the relevance of each shortage for your health system, based on your usage patterns and identifies opportunities to buy from secondary suppliers.
- Surfaces insights regarding specific mitigation steps such as targeting high-use departments or individual providers or changing order sets.
- Calculates days on hand automatically and accurately each day and suggests ways to optimize your existing inventory.
- Enables pharmacy teams to create and monitor a current list of managed shortages and the action plan for each shortage.
- Suggests medications you could consider as substitutes.
- Uses AI to help quickly write communication for front-line staff to access critical shortage information.
- Quantifies the cost of each shortage.

## Why Pharmacies Depend on LogicStream Health

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With LogicStream Health software, pharmacists can quickly:

- Determine the best approach to minimize patient risk
- Find opportunity to reduce and control cost
- Significantly improve clinical staff productivity

## See a Demo Today

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Visit [www.logicstreamhealth.com](http://www.logicstreamhealth.com) for more information and to schedule your demo today!

<sup>(1)</sup> (Fox, Erin. "ASHP Guidelines on Managing Drug Product Shortages." *American Journal of Health-System Pharmacists*. Volume 75, e593-601. 2018.)