

Supply Chain Disruption Tabletop Exercise

Scenario Overview

Scenario Summary

A cyberattack on a major pharmaceutical distributor halts West Coast warehouse operations. Your health system receives notice of **40–60% allocation reductions** for at least **three weeks**.

Shortages include:

- IV antibiotics
- Sedatives / analgesics
- Insulin (pens + drips)
- GLP1 agonists
- ADHD medications
- Inhalers

Both hospital and ambulatory operations are immediately impacted.

1. _____

Immediate Disruption

Key Issues Identified:

Hospital Considerations:

Which medications require immediate conservation?

Ambulatory Considerations:

Which patients or medications require urgent attention?

Communication Needs:

- Who must be informed first?
- What messages must be consistent?

Communication Channels

- Email EHR messaging Phone tree
- Huddles / briefings ICS
- Public health Patient outreach

2. _____
Escalation

Allocation Decisions:

How should limited supplies be distributed across settings?

Therapeutic Alternatives:

What substitutions are safe and appropriate?

Ethical Considerations:

What principles guide your decisions?

3. Clinical Impact

High Risk Patient Situations:

- Insulin rationing
- ADHD medication gaps
- Behavioral health destabilization
- ED boarding due to medication issues

Hospital Focused Actions:

- Insulin drip management
- IV antibiotic alternatives

Notes:

Ambulatory Focused Actions:

- Supporting patients rationing insulin
- Managing stimulant shortages

Notes:

System Wide Communication:

How do you address misinformation?

4. Prolonged Disruption: Long Term Challenges

<p><u>Hospital Priorities</u></p> <ul style="list-style-type: none"> • Sedative allocation • Elective surgery postponement • ED operations with limited IV access
<p><u>Ambulatory Priorities</u></p> <ul style="list-style-type: none"> • Stabilizing chronic disease patients • Supporting shelters or displaced populations
<p><i>System Level Planning</i></p> <p>What long term mitigation strategies are needed?</p>

5. Prioritization Grid

Medication Prioritization Matrix

Medication / Class	Critical Care Priority	Ambulatory Priority	Alternatives?
Sedatives / Analgesics	High / Med / Low	High / Med / Low	Yes / No
IV Antibiotics	High / Med / Low	High / Med / Low	Yes / No
Insulin (drips)	High / Med / Low	High / Med / Low	Yes / No
Insulin (pens)	High / Med / Low	High / Med / Low	Yes / No
GLP1 Agonists	High / Med / Low	High / Med / Low	Yes / No
ADHD Medications	High / Med / Low	High / Med / Low	Yes / No
Inhalers	High / Med / Low	High / Med / Low	Yes / No

<i>Allocation Decision Worksheet</i> Decision Point
Options Considered
Risks of Each Option
Final Decision
Rationale

Take Back Actions

→ One workflow improvement your team needs:

→ One communication improvement your system needs:

→ One preparedness action you personally will take:

→ One resource or tool your clinic/hospital needs: