

# Supply Chain Root Cause Analysis

This infographic presents a root cause analysis of the key factors shaping the current state of the health care supply chain. It also outlines a forward-looking roadmap of mitigation strategies and scalable solutions designed to enhance resilience and efficiency across the field.

**Challenge** Increased reliance on international manufacturing and evolving geopolitical dynamics.

## Solutions



Diversify sourcing strategies (multi-region suppliers, multi-source contracts).



Explore domestic or nearshore manufacturing capabilities.



Build strategic reserves for critical supplies.



Conduct regular supplier audits and risk assessments.



Develop contingency and resiliency plans.



Implement predictive analytics for demand forecasting.

**Challenge** Limited strategic alignment between providers and suppliers.

## Solutions



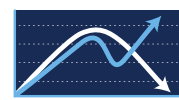
Establish a Supplier Council or similar with joint planning and forecasting processes.



Create shared Service Level Agreements, Key Performance Metrics and incentive structures.



Foster transparency through regular joint reviews.



Explore risk/gainsharing models.



Explore supply network solutions, bringing suppliers and providers together into a common data sharing ecosystem.

**Challenge** Lack of data and supply chain transparency.

## Solutions



Adopt industry-wide data standards like GS1 and UDI (Unique Device Identifier) to ensure consistency in product identification and traceability.



Include Country of Origin and transparency clauses in supplier contracts, requiring forecast sharing, inventory levels, production schedules and disruption alerts.



Use predictive analytics to analyze upstream data and predict potential disruptions (e.g., raw material shortages, geopolitical risks).



Establish and/or collaborate with industry alliances to access broader supply chain and benchmark data.

**Challenge** Insufficient recruitment and talent development models.

## Solutions



Launch internal training and certification programs.



Partner with universities for supply chain education or management programs.



Use career ladders to show progression from entry-level to leadership roles.



Offer internships, co-op programs and guest lectures to build a talent pipeline.