

Health care Supply chain disruption at Sars-COVID 2 pandemic

by Elisabetta Azzali | Pegaso Online University, Malta

Abstract Id: 8

Submitted: 15/09/2020

Event: PIconf2020 - Online Education without Social Distance: Challenges for Internationalisation and Culture of Peace

Topic: Management

Keywords: supply chain, public health, globalized market, strategic equipment, artificial intelligence, public good, shortage, circular economy

The Sars- COVID 2 pandemic is raising questions about risks in supply chains. Supply chains structures were overloaded. Long recent decades supply chains have globalized, specialized and become learner or just in time, they are more efficient, less risky, in certain areas, but potentially more exposed to a breakdown of cooperation.

An important lesson from how the Sars -COVID 2 pandemic disrupting the health care supply chain: At first it's important to recognize that this is not a regional disruption for providers such as what happens after a severe earthquake, rather it's a global event where hospitals, physicians and clinical laboratories in nearly every country are competing to redirect essential supplies to their organizations. Lockdown put into crisis partner's visibility which cooperates along the whole supply chain.

Clinical laboratories need to implement process improvement techniques into inventory management and purchasing procedures when contracting for instruments, reagents, consumables, specimen collection supplies, and personal protective equipment.

Most of the viable supply resources for swabs or masks, for example, require large purchases and payment in advance and generally health systems are not willing to take that risk. The market crisis is demand-side and offer-side at the same time.

Supply chain teams must be proactive. Strategic health apparel needs to be at any time accessible in all country's territory.