

Case Study: Challenges Faced in Forecasting Demand for Medical Oxygen Cylinders During the COVID-19 Pandemic

ABC Medical Supplies is a hypothetical company that manufactures and supplies medical oxygen cylinders to hospitals and healthcare facilities across the country. Like many other companies, ABC Medical Supplies faced significant challenges in forecasting the demand for medical oxygen cylinders during the COVID-19 pandemic.

Challenges Faced by ABC Medical Supplies:

The sudden surge in COVID-19 cases led to a surge in demand for medical oxygen cylinders, which ABC Medical Supplies was not prepared for. The company struggled to keep up with the rising demand as their production and distribution systems were not equipped to handle such high demand. Additionally, the lack of coordination between states and hospitals led to shortages in some regions and oversupply in others.

Solutions Implemented by ABC Medical Supplies:

To address the challenges faced in forecasting the demand for medical oxygen cylinders, ABC Medical Supplies implemented several measures. The company increased its production to meet the rising demand and also set up new manufacturing facilities. They introduced a real-time monitoring system to keep track of the demand and supply of medical oxygen cylinders and ensure that their supply chain remained efficient. The company also used data analytics to forecast the demand for medical oxygen cylinders more accurately.

Questions:

1. What were the challenges faced by ABC Medical Supplies during the COVID-19 pandemic in forecasting the demand for medical oxygen cylinders?
2. What measures did ABC Medical Supplies implement to address the challenges faced in forecasting the demand for medical oxygen cylinders during the pandemic?