## **Case study: Sterilization process strategy**

Client: Global MedTech producer / distributor

Industry: Medical devices Project: Sterilization process strategy

## **Initial Situation**

Client and global market experienced significant growth during the past few years, leading to bottlenecks in the global supply chain. Most notably, bottlenecks occurred for the sterilization process, a process taking place between manufacturing and global distribution.

KPMG designed and quantified various supply chain scenarios and supported the client in evaluating the options for optimizing the sterilization process:

- Two new process subtype evaluations, i.e. Electron Beam (E-Beam) and X-Ray sterilization
- Alternative approaches to the collaboration with 3rd party sterilization providers
- Assessment of new site locations for in-house sterilization
- In-line sterilization capabilities development

## Approach

KPMG established a clear picture and reflection of today's supply chain (actors, goods, data).

- Information collection and model build-up
- Quantitative and qualitative scenario analysis and modelling
- Ranking of potential scenarios and identifying additional areas for improvement
- Recommendation development and handing over to client

## **Results &** Client Benefits

- Final sterilization strategy report and recommendation summarizing the current issues, evaluation framework, quantitative and qualitative business cases, and a high-level implementation roadmap
- KPMG-branded strategy and valuation report for improving the future flow of goods through the sterilization process in the global supply chain

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