

JANUARY 2019

# Meditech Quality Journal

2019 is here, and is already beginning to fly by. I invite you to check out the latest industry news in less than 15 minutes. Please let me know if there are future topics you would like discussed by [contacting me here](#).



– Naveen Agarwal, Ph.D

FEATURE ARTICLE

## When Compliance Leaves the Customer Stranded



A paper form that needs to be completed before the plane can leave the gate triggers a sequence of events leading to the flight cancellation.

**The Question: Are you stuck with procedures that don't make sense?**

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REGULATORY NEWS

## FDA Wants You to Take a STeP in the Right Direction

The STeP program offers MedTech companies a clear incentive to focus their innovation efforts on improving patient safety. If their device can claim better safety outcomes, not only do they get faster approval, they can also gain a significant competitive advantage in the market.

**The question: Innovating to improve Product Safety can help you gain competitive advantage. Are you ready?**

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PERSPECTIVE

## What I Learned in My First Year as an Independent Consultant



I was in high spirits when I started. 5 months without a project gave me nightmares. A timely break and going back to basics lifted me up.

**Sharing a few insights gained from my first year as an independent consultant.**

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RESOURCES

## Global MedTech Industry Overview

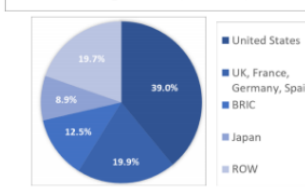
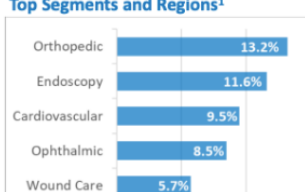
Global MedTech industry is large but highly diverse and fragmented. There are thousands of medical devices in the market. Top 10 industry leaders account for less than half of the \$390 billion estimated revenues in 2018. Here is a quick overview of the industry, key players and device segments currently in the market.

### Global MedTech Industry Overview

2018 Est. Revenues and Growth Rate<sup>1</sup>



Top Segments and Regions<sup>1</sup>



Top 5 Pure Play MedTech Leaders<sup>2</sup>

Medtronic	\$29.9 B	Cardiovascular, Surgery, GI/Respiratory/Brain/Spine restorative therapies, Diabetes
stryker	\$12.4 B	Orthopedic, surgical systems, endoscopy, neurotechnology, spine
Boston Scientific	\$9.1 B	Cardiovascular, endoscopy, peripheral interventions
ZIMMER BIOMET	\$7.8 B	Orthopedic, surgical, sports medicine, spine, facial reconstruction, dental, bone cement
Hill-Rom	\$2.7 B	Patient support systems, monitoring/diagnostics, surgical instruments

Top 5 Conglomerates with MedTech Business Segments<sup>3</sup>

Johnson & Johnson	\$26.6 B	Orthopedic, surgery, cardiovascular, eye health
PHILIPS	€17.4 B	Personal health/wellness, imaging, ultrasound, patient monitoring, connected health
SIEMENS Healthineers	€13.6 B	Imaging, lab diagnostics, software solutions, consulting services
GE Healthcare	\$19.1 B	Imaging, ultrasound, patient monitoring, enterprise software
Abbott	\$14.5 B	Diagnostics, cardiovascular, neuromodulation

FDA Device Classifications<sup>4</sup>



Notes:  
 1. Frost & Sullivan, Global Medical Device Outlook 2018, Presented at AusMedTech (May 2018)  
 2. All revenues based on last FY annual reports (except 2015)  
 3. Revenue of MedTech business segments only. Does not reflect recent M&A, divestitures and restructuring.  
 4. FDA device classification date as of Dec 2018.

Top 5 Class III Device Segments<sup>4</sup>



Download this 1-page Global MedTech Industry Overview

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EVENTS

## January 17th ASQ Professional Development Dinner Meeting



Post-Dinner (Main)  
 Speaker: Naveen Agarwal, Ph.D

Topic: AI is Revolutionizing Healthcare Quality – Are you Ready?

**We are speaking at ASQ in Houston! Slides will be posted on the website.**

[Learn More >>>](#)

MORE ARTICLES

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