

# Patient Monitoring Industry— Analysis of Investment and Trends, 2018

Transformation From Patient Monitoring to Disease  
Predictions Industry



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# Executive Summary—Key Findings in Patient Monitoring for 2018

## Patient Monitoring Industry: Top 5 Trends, Global, 2018

**Technology is Reshaping the Patient Monitoring Industry**

1



From Artificial Intelligence (AI) and machine learning, to chat bots and wearables, the innovations that are reshaping other sectors are being felt in healthcare, too. These technologies are there to augment, assist, and help clinicians and patients.

**Decision Making Becoming More Complex**

2



Patient monitoring today is not driven by ad-hoc monitoring, but by continuous monitoring of multiple parameters, including the contextual acquisition and interpretation of patient-related data and simultaneous task of diagnosis and screening. The growth in the number of parameters monitored provides clinicians with more patient information to base their diagnosis on but it also makes decision-making a more complex process. Clinicians today are required to hunt for the most relevant piece of information from the unprocessed and unorganized data provided to them, to base their decisions of next steps of the treatment.

**Remote Patient Monitoring Will be Key**

3



Remote Patient Monitoring (RPM) has been associated with improvements in health outcomes and indicators across a broad range of chronic diseases. Mobile apps are now increasingly used in conjunction with telemedicine and wearable devices to support remote patient monitoring.

**Predictive Analytics**

4



Predictive analytics is rapidly gaining ground in healthcare. Providers and payers today are provided huge amounts of data by patients that is analyzed to understand the current state of health of patients and also predict future illness and setbacks.

**Transitioning the Role of Payers and Patients**

5

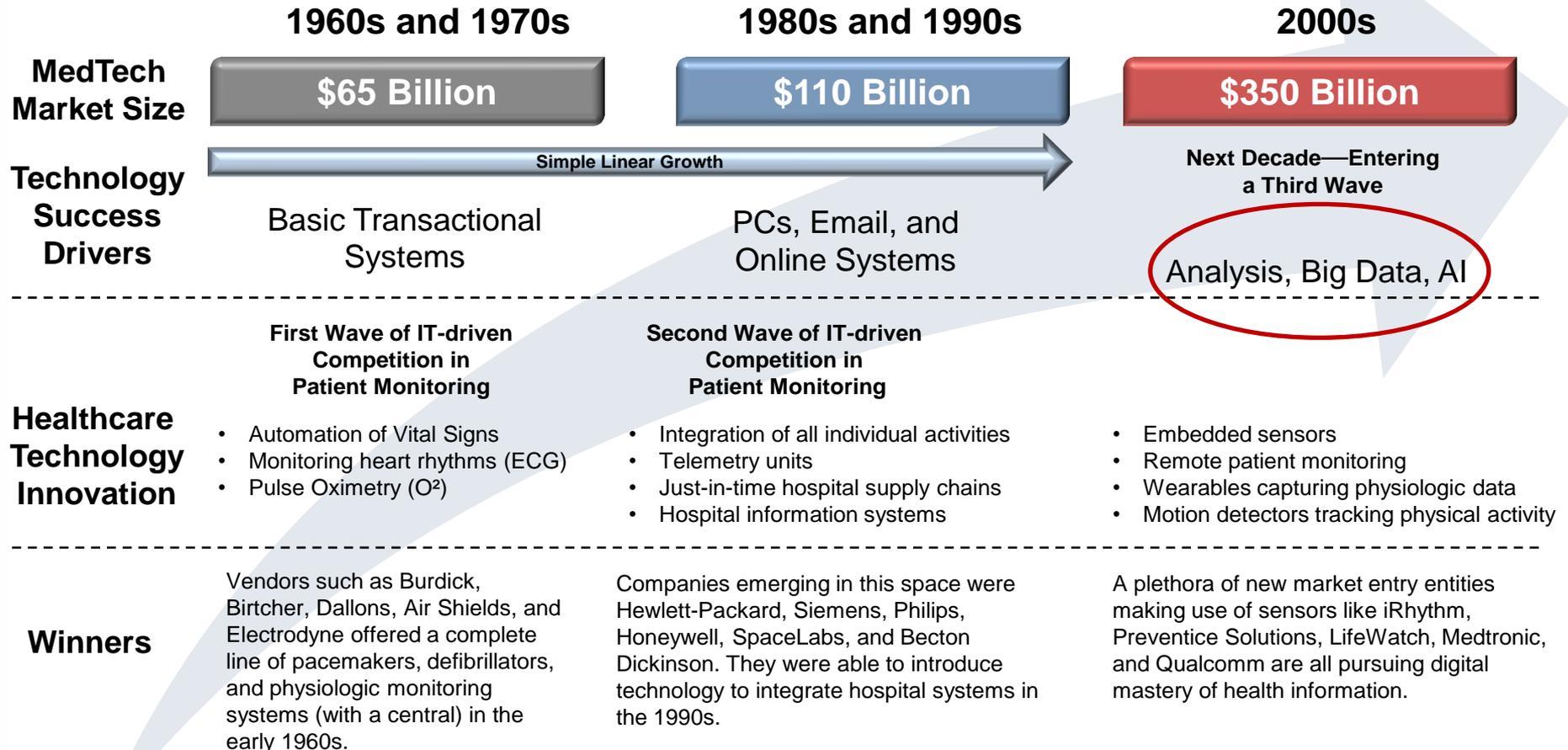


With increase in the involvement of insurance participants in care provision, the role of real-time patient monitoring is becoming paramount. Payers utilize the data to keep patients healthier and reduce their need for hospital admissions. There can be uninterrupted connection between patients and their care, irrespective of the time and place.

Source: Frost & Sullivan

# Executive Summary—Transformation of Patient Monitoring Industry

## Patient Monitoring Industry: Market Outlook, Global, 2018



Source: Frost & Sullivan

# Executive Summary—Future of Patient Monitoring Across Continuum of Care

## Patient Monitoring Industry: Future of Patient Monitoring Across the Care Continuum, Global, 2018

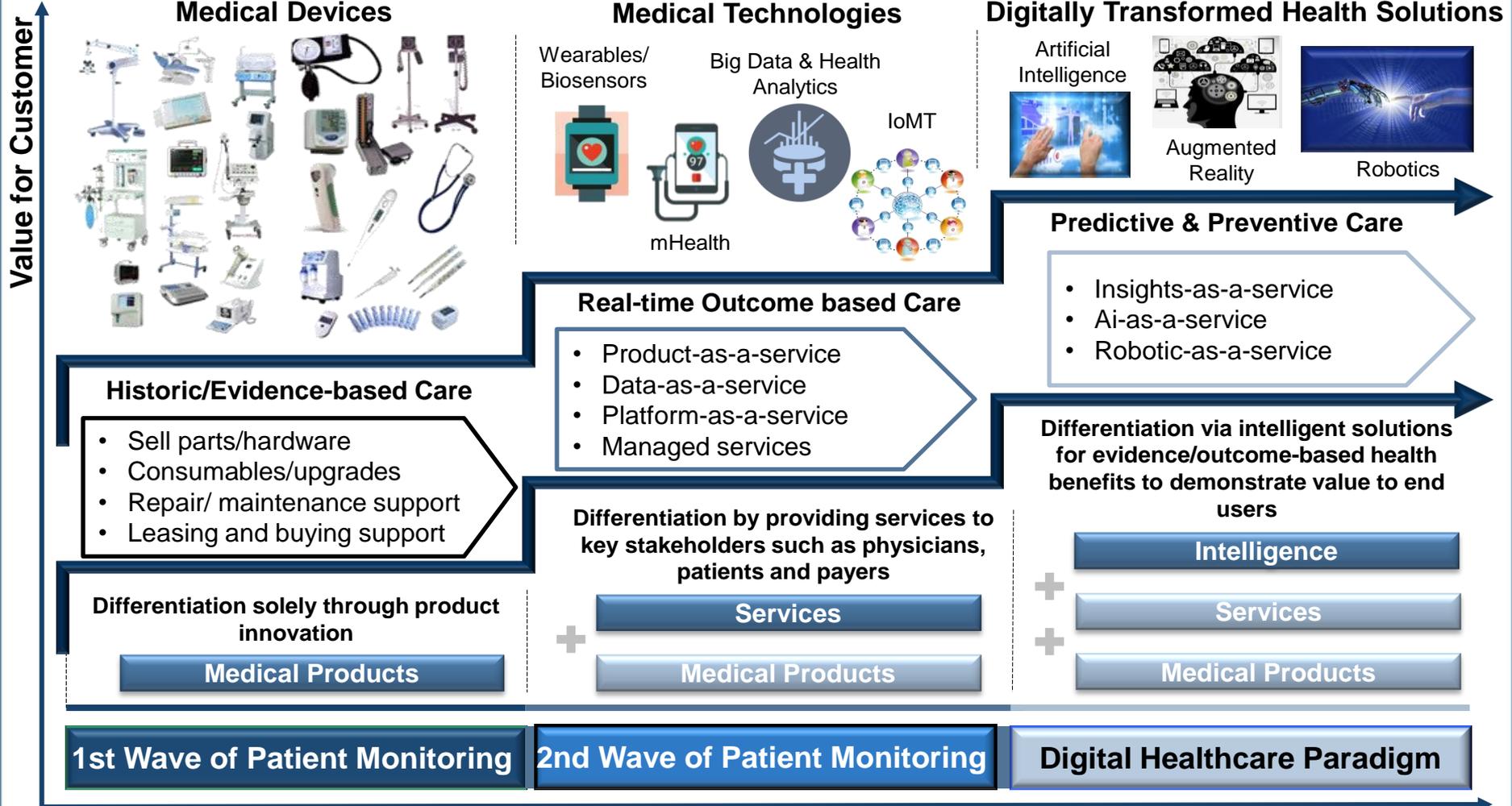


Image Source: Thinkstock

Key: IoMT—Internet of Medical Things

Source: Frost & Sullivan

# Scope and Segmentation

<b>Geographic Coverage</b>	Global, including US, UK, France, Germany, Italy, Spain, and Rest of the World
<b>Base Year</b>	2018
<b>Monetary Unit</b>	US Dollars



- **Digital transformation** is a broad concept. Its definition depends on the perspective and role of an expert knowledge bearer and the industry for which it is defined.
- **For the purpose of this study, digital transformation of the patient monitoring industry** has been defined and mapped based on a mix of patient monitoring, remote patient monitoring, emerging digital technology and telemedicine primary and secondary research, and the economic trends for each.
- **This study attempts to focus** specifically on those medical devices that have a visible presence in the emerging digital remote patient monitoring space. The market features a mix of established patient monitoring entities as well as new market entrants. A number of start-ups or early-phase companies are present and are disrupting this market.
- **The analysis focuses further on the elected strategy of established patient monitoring icons** on whether to digitally transform their business model(s) or to remain steadfast and defend their market share with added and improved inpatient monitoring capabilities.

Source: Frost & Sullivan

# Key Questions this Study will Answer

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What is the transformation happening in the patient monitoring industry?

Where does the investment in patient monitoring industry go?

What are the key start-ups and technologies that are expected to impact the industry?

What are the growth opportunity sectors in the patient monitoring industry?

What are the key questions companies should ask themselves to sustain in the industry?

Source: Frost & Sullivan