



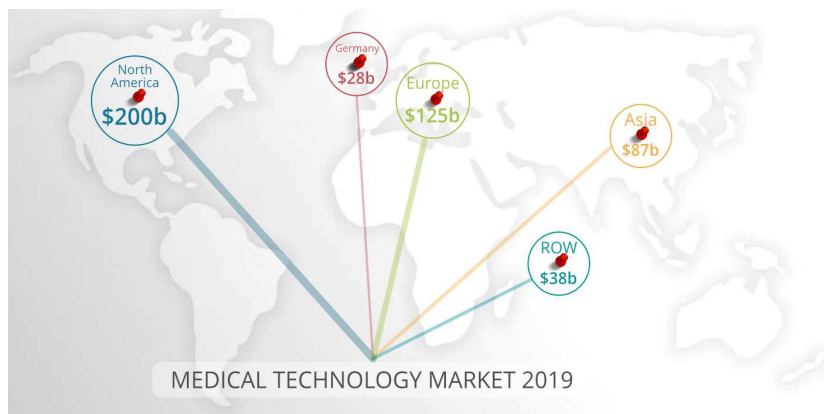
THE GLOBAL MEDTECH MARKET - FACTS - OPPORTUNITIES - MARKET SHARES

+++ In 2019, Global Medical Technology Sales were \$450 billion +++ Revenue Grew 5.2%. p.a. *1 +++

Despite the modest, general growth, there are always business areas that are growing at 45% p.a. One example is trans-catheter heart valves with a growth rate of 42% p.a. (Edwards LifeSciences, 2011-2016), another is infrared fluorescence imaging to display tissue perfusion with 49% p.a. (Novadaq, 2011-2016).

There is also a healthy basis for continued growth: The aging of the population, e.g. in the U.S 3.1% more citizens over 65 years of age per year. In addition, there are the Megatrends that are driving case numbers.

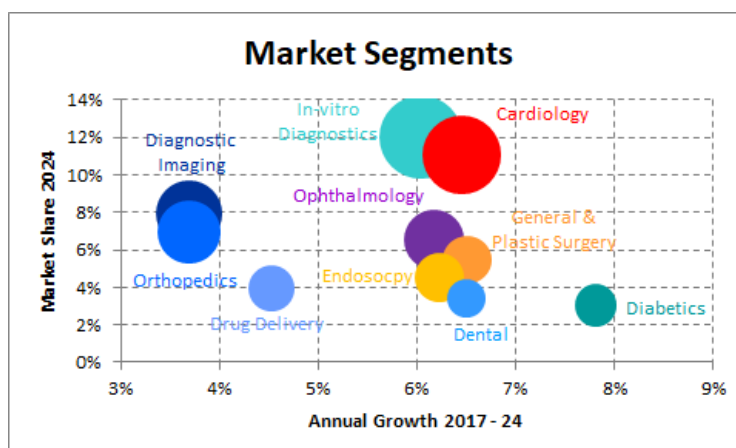
+++ THE 2019 MEDTECH MARKET IN NUMBERS +++



+++ Market Segments +++ In-vitro Diagnostics und Cardiology in the Lead +++

In-vitro diagnostics is the largest sector, followed by cardiology and diagnostic imaging. The graph implies a market growth of 5.6% p.a. *2

The economic burden of heart disease amounts to around 300 billion Dollars in the U.S.A. and 300 billion Euros in the EU. In the U.S., 60% of this is direct costs compared to 50% in Europe.



+++ Growth Drivers +++ Megatrends +++

- Aging societies (U.S.: 3.1% more retirees 65y+ p.a.)
- Higher incidences
- Change in the spectrum of diseases
- More chronic diseases (Diabetes, Obesity, Coronary Heart Disease, Hypertension, COPD, Dementia)
- Limitation of the health budget (17.7% of the U.S. gross domestic product, 11.9% in Germany)
- Correlation of social status and life expectancy (in London 2015: 10 years)
- Mobility
- Independent living

+++ Players / Market Capitalization +++

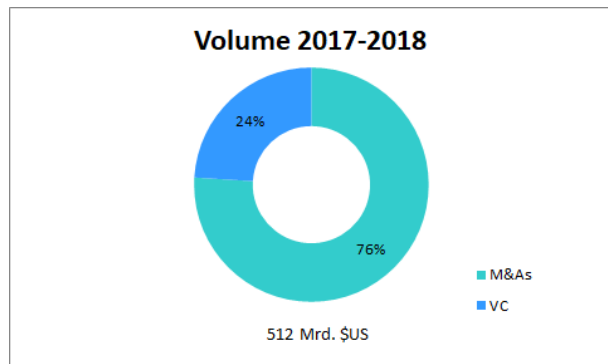
Ethicon LLC / J&J	\$422b
Abbott Laboratories	\$199b
Medtronic Plc	\$157b
GE Healthcare	\$99.2b
Siemens Healthineers	\$96.7b
Stryker	\$90.9b
Becton Dickinson	\$76.3b
Boston Scientific	\$51.5b
Philips Healthcare	\$49.7b
Baxter International Inc.	\$40.9b
Fesenius Medical Care	\$24.4b
Cardinal Health	\$16.2b
DePuy Synthes	n/a *3



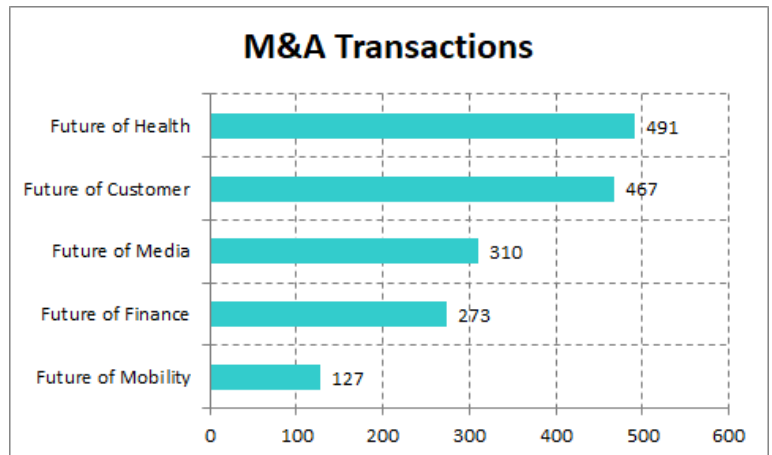
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+++ Global Transactions +++ Healthcare in the Lead +++

With a total of 7,377 transactions in 2017/18, health care is at the top with 491 takeovers and 606 VC investments ^{*5}.

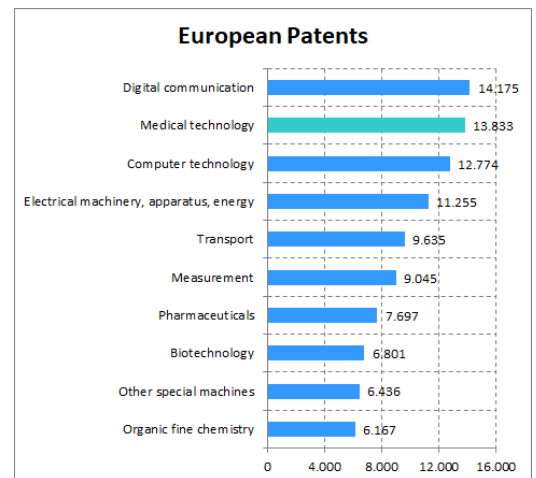


56% of the value of global M&A transactions is in the U.S., while it is 13% in the EU.



+++ European Patents +++

MedTech is an extremely agile market, not just when it comes to acquisitions. In terms of patent approval, MedTech and Digital lead the way - in the previous year, the positions were reversed ^{*6}.



+++ Locations +++



+++ German MedTech Industry +++

- 212,000 jobs ^{*7}
- 500,000 products
- Revenue: 30.3 Mrd€
- Export rate: 65%
- With 10%, Germany has the second largest global market share after the U.S.
- German expenditures for MedTech: 36 Mrd€
- Corporations and firms
 - ◇ 90 MedTech firms with more than 250 employees
 - ◇ 13,000 small enterprises with 60,000 employees



THE GLOBAL MEDTECH MARKET - FACTS - OPPORTUNITIES - MARKET SHARES

+++ References +++

- *1: Precedence Research „Medical Devices Market - Global Market Size, Trends Analysis, Segment Forecasts, Regional Outlook 2020 - 2027“
- *2: Evaluate MedTech, “World Preview 2018, Outlook to 2024”
- *3: Yahoo Finance 2021-01-18 / 21
- *4: Hans Böckler Stiftung, „Branchenanalyse Medizintechnik“, Mai 2020
- *5: Deloitte 2019 „Small Gains, Big Wins“
- *6: European MedTech Industry in Figures 2020
- *7: BVMed Branchenbericht 2020