

This report provides an overview and brief assessment of 5 highly impactful and promising medical hardware technologies to be watched in 2020-2021, and companies behind their development and commercialization:

1. **Nano-X Imaging**, a developer of innovative high-powered field-effect cathodes and AI software for X-ray medical imaging.
2. **Outset Medical**, pioneering a first-of-its-kind technology to reduce the cost and complexity of dialysis.
3. **Eargo**, a producer of direct-to-consumer hearing aids, allowing customers to access help for their hearing loss from their homes
4. **TransMedics**, a developer of innovative transplant technology and devices.
5. **Silk Road Medical**, a pioneer of a new approach for the treatment of carotid artery disease

All selected companies went through initial public offerings (IPO) in 2019-2020 and have strong business models, product offerings and value propositions to the healthcare market.

All the selected companies have strong histories of research and development (R&D) work behind them, which in each case resulted in state-of-the-art innovative technologies and medical devices.

The choice for the list of top candidates takes into account factors like the overall potential impact on healthcare, technological novelty and uniqueness, robustness, the company's R&D strength and commercialization prospects, and other relevant considerations.

The report features companies' business background, brief history, state of research and development and intellectual property (IP), overview of companies' product and value offerings outlining technological novelty, summary of their major partnerships and customers, the history of funding rounds and IPO-related information, dynamics of R&D spending over years, property analysis, and brief SWOT analysis (strength, weaknesses, opportunities, and threats).

We believe that these 5 promising, advanced and potentially disruptive technologies in healthcare, and 5 companies which are developing them, will provide substantial impact on healthcare industry and will help patients and consumers around the world. Besides, we also consider these 5 companies to be well-balanced, strong, and well-positioned enough to successfully implement product development and commercialization strategies, and achieve prominent growth dynamics.

It is clear that the technologies reviewed and outlined in this report possess substantial value proposition to healthcare, and are of great potential impact on the global scale.

All the reviewed companies, in our opinion, possess strong R&D basis, have well-developed level of know-how and intellectual property, favorable growth drivers, and large total addressable markets for their products and services. The selected companies have strong innovative components and long histories of scientific or technological research, which give them tangible competitive edge in gaining market shares and positioning their brands on the global scale.

In the case of Nano-X Imaging, the company went to the initial public offering (IPO) in August 2020 without a commercially-ready product, having a prototype and validated technology. They have become a target for aggressive short-selling following the IPO as a result. Shortly after, in December, the company publicly demonstrated the product and its commercial readiness, thereby supporting its strong position and cementing perceived value of the assets and company attractiveness for the public market long trade practitioners.

We believe that the companies selected in this report are currently attractive investment targets for secondary market long-term positions (Please, read our Disclaimer and conduct own research before making any investment decisions).

**NANO-X**  
X - R A Y R E I M A G I N E D

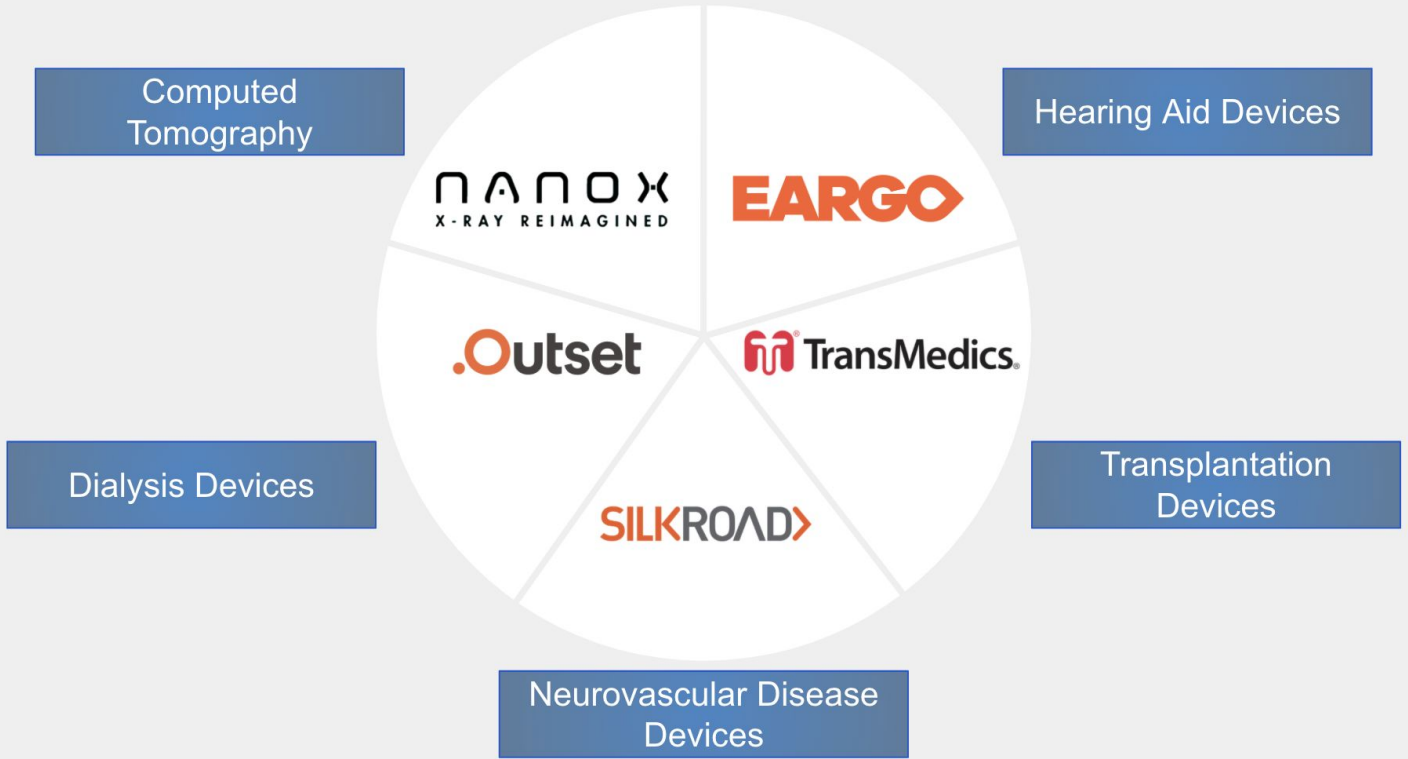
**.Outset**

**EARGO**

**SILKROAD**

**TransMedics**

# 5 High-Impact Technology Companies in Healthcare to Watch in 2021-2022



5 High-Impact Technology Companies in Healthcare to Watch in 2021-2022

5 - Companies  
23 - Partners  
60 - Investors

