

The Latest Drivers & Challenges for Medical Device Industry in North America and EU - Literated Market Research

Market analysts expect a greater and important role to be played by the technology of 3D printing in the medical-device industry in 2015 and beyond

BANGALORE, INDIA, October 7, 2015 /EINPresswire.com/ -- The opportunities and challenges for the medical device industry would be impacted by a variety of trends in 2015. Due to factors like at the point-of-care, in the home, in hospitals and commercial labs, the role of medical devices in our lives is growing by the day in a variety of settings. The need for new assays has probably never been greater, with exploding growth in the identification of biomarkers.

Venture capitalists are having second thoughts about investing in new device development projects early, when funds are needed most, due to a difficult reimbursement environment. There are chances that diagnostics development that are essential for advances in patient care could be slowed down due to reimbursement challenges. The industry therefore has to act in tandem with the governments and agencies to ensure that the flow of capital to early device development projects freed up quickly.

Market analysts expect a greater and important role to be played by the technology of 3D printing in the medical-device industry in 2015 and beyond. While presenting an alternative manufacturing approach for new and established companies alike, this technological development would enable new competitors to enter some markets.

To meet the needs of an aging population, there would be a proliferation of new implants, many of them with wireless communications. Such implants and devices would also include an instrument for insertion and an external monitoring device and not only a simple implant.

Overall, its market expects that, the progress in diagnostics will be swift and varied in 2015 despite venture-capital issues. It is expected that diagnostics based on miRNAs, in part to enable targeting of miRNA-based therapeutics would emerge as a new trend. While making inroads in infectious disease, cardiovascular, CNS and other [therapeutic areas](#), experts are of the view that companion diagnostics will become even more central in oncology.

There would be challenges too for regulatory agencies to meet the challenges of keeping pace with evolving technology. Leading government agencies like the FDA approves that fresh thinking need to



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be accorded for the evaluation of 3D-printed medical devices. Europe, another hotspot for advanced medical device market is expecting a shake up with the new European Medical Device Regulations until the extent of increased regulation by Notified Bodies becomes clear. In 2015, the medical device industry in Europe would anxiously await EU's decision on the extent of post-Notified-Body review of high-risk devices.

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Sachidanand Bhat

Literated.com

8971520970

email us here

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