

Global Microbubbles/Ultrasound Contrast Agents Market Outlook: 2015-2021

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Abstracts

Microbubbles are composed of gas core stabilized by a shell of proteins, lipids, or polymers and have unique ability to respond to ultrasound, and thus are used as ultrasound contrast agents. The field of ultrasound contrast imaging has been literally bursting in the last decade. Incessant engineering advances in ultrasound technologies over the last decade have resulted in widespread usage of ultrasound for clinical applications. The potential benefits of ultrasound such as low-cost, convenience, and real-time capability of ultrasound images has led to wide acceptance of this technology. When compared with other imaging modalities, the ultrasound molecular imaging has many advantages such as good temporal resolution, quantitative data, real-time practice, noninvasiveness, relatively inexpensive cost, and no ionizing radiation.

Microbubbles/ ultrasound contrast agents for medical imaging have been swiftly translated from exploratory research to clinical application. It helps to sharpen the image, improve the reliability of the scan and reduce the need for unnecessary downstream testing. In addition, microbubbles can be employed for diagnostic imaging and as a therapeutic tool. These are safe, convenient, completely radiation-free, versatile, and routinely used by physicians throughout the world to obtain a reliable ultrasound diagnosis.

The global microbubbles/ ultrasound contrast agents market is expected to grow at a CAGR of 28.7% to reach \$797.5 million by 2021 from 2015. The research report on microbubbles market provides comprehensive analysis of the global market and helps in understanding the driving forces for the growth of this market. The report also provides analysis of major applications such as molecular imaging, gene therapy, drug delivery, and stem cell delivery with their application areas, trends, challenges, and opportunities in this market. In addition, the report analyzes the global microbubbles

market by various disease areas such as renal disorder, cardiovascular, and neurology with their drivers, restraints, ongoing research, and future potential.

The market has been segmented by geography as North America, Europe, Asia-Pacific, and Rest of the World (RoW) with a detailed qualitative and quantitative analysis. North America is the major market in the global microbubble market and is expected to dominate this market during the forecast period followed by Europe, and Asia-Pacific.

Lantheus Medical Imaging with its DEFINITY ultrasound contrast imaging agent dominated the global microbubbles/ ultrasound contrast agents market in 2014. The other major players in the global microbubble market include Bracco Imaging S. p. A., Daiichi Sankyo Company, Limited, and GE Healthcare.

Source: Expert Interviews, Government Authorities, Related associations/Institutes, Related Research Publications, Government Publications, Company Press Releases, Company Annual Reports, Company Websites, Company Publications, SEC Filings, Meticulous Research Analysis.

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