Global Medical Holography Market Research Report- Forecast To 2023

Description:

Global Medical holography Market- by type (Reflection hologram, transmission hologram, Hybrid hologram and others), by medical application (X-Ray Holography, Endoscopic Holography, Ophthalmology, Dentistry and others); - Forecast to 2023

Study Objectives:

- To deliver detail study of the market structure along with projected future growth forecast for the next 7 years about various segments and sub-segments of the global medical holography market.
- To deliver understandings about factors affecting the market growth.
- To study the global medical holography market based on various factors - price analysis, supply chain analysis, porters five force analysis etc.
- To deliver past and evaluated future revenue of the market's segments and sub-segments with respect to four main geographies and their countries - Americas, Europe, Asia-Pacific along with Middle East & Africa.
- To deliver country level analysis of the market with respect to the current market size and future growth prospect.
- To deliver country level analysis of the market's segments which includes by type and by medical applications.
- To deliver synopsis of key players and their strategic profiling in the market, systematically examining their core competencies and drawing a competitive landscape of the market.
- To track and analyze developments which are competitive in nature such as joint ventures, strategic alliances, mergers and acquisitions, new product developments along with research and developments currently taking place in the global medical holography market.

Intended Audience

- Bio suppliers Companies
- Suppliers and distributors Companies
- Medical & research institutes
- R & D laboratories

Market Synopsis for global Medical holography Market
Market Scenario

A hologram is a recording device in which a two- or three-dimensional medium of the interference pattern is formed when a point source of light which is the reference beam of fixed wavelength meets light of the same fixed wavelength arriving from an object beam. Most biomedical imaging techniques are required by doctors to create 3-D visualizations out of a dataset of 2-D images. They gather this images by a CT scanner, MRI, ultrasound, or other devices. It can be a monotonous and time-consuming process. But more highly, this imperfect system can’t always represent patient tissue and organs with enough accuracy or precision, creating holes in the pictures more literal than abstract that make it difficult for doctors to decide how to best diagnose and treat patients. The exceptional penetration rate of holography products is attributable to the natural benefits of this technology over conservative alternatives, which influence companies to work further toward developing these products for subsequent commercialization. Moreover, the high physician demand to gain deep insights during diagnosis is widening the scope for sector growth.

The market for Medical holography will grow very rapidly at a rate of 32% CAGR during the forecasted period 2017-2023. The market is expected to reach USD 3.5 billion during the forecasted period.

FIGURE: GLOBAL MEDICAL HOLOGRAPHY MARKET SHARE BY REGION, 2016 (%)
The segmentation is done on the basis of the type and by medical applications. On the basis of type includes reflection hologram, transmission hologram and hybrid hologram. The hybrid segment is further sub-segmented into the types Embossed hologram, Integral holograms, Holographic interferometry, multichannel hologram and computer generated hologram. On the basis of medical application it includes X-ray holography, Endoscopic holography, Multiplexed Holography for Medical Tomography, Holographic Light-in-Flight Recording Method, Holography in Ophthalmology, Holography in Dentistry, Holography in Orthopedic. The ophthalmology segment has sub-segment which include Diffractive Bifocal Intraocular Lens. Also the endoscopic holography further have sub-segments like Internal Hologram Recording Endoscope, External Hologram Recording Endoscope.

Regional analysis:

The market is segmented into four main geographic regions Americas, Europe, Asia-Pacific, and Middle East and Africa. America accounts the larger market for the hologram machines. As the early adoption of new technologies and more R&D is being carried out in this region. The Europe region accounts the second largest market for the hologram machines. The Asia-Pacific region is witnessing fast growth in this region because of the rising factors such as healthcare spending, improving healthcare infrastructure in developing economies such as China, India, and South Korea, and growing awareness regarding the usage of holography products in medical applications. The Middle East and Africa region is growing slowly because of the slow growing economic development and slow growth in technological advancement.

Key players of Global medical holography market:

Some of the global and local players are engaged in the Medical holography those are, Real View Imaging (Israel), Echo Pixel (CA), Integraf (USA), Royal Philips (Netherlands), Zebra imaging, Eon Realty (US), Nano live SA (Switzerland), Holoxcia (England), Lyncee Tec (Switzerland), Mach 7 Technologies, General Electric Company, DPL Industri A/S Denmark, Olomagic, Arnold Herzig GmbH and others.

The report for Global Medical Holography Market by Market Research Future comprises of extensive primary research along with the detail analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain a deeper insight of the market and industry performance. The report gives a clear picture of current market scenario which includes past and estimated future market size with respect to value and volume, technological advancement, macro economical and governing factors in the market. The report provides detail information about and strategies used by top key players in the industry. The report also gives a broad study of the different market segments and regions.
4.6 INTENSITY OF RIVALRY

5. GLOBAL MEDICAL HOLOGRAPHY MARKET, BY TYPE

5.1 REFLECTION HOLOGRAM
5.2 TRANSMISSION HOLOGRAM
5.3 HYBRID HOLOGRAM
5.3.1 EMBOSSED HOLOGRAM
5.3.2 INTEGRAL HOLOGRAM
5.3.3 HOLOGRAPHIC INTERFEROMERY
5.3.4 MULTICHANNEL HOLOGRAM
5.3.5 COMPUTER GENERATED HOLOGRAM

6. GLOBAL MEDICAL HOLOGRAPHY MARKET, BY MEDICAL APPLICATION

6.1 XRAY HOLOGRAPHY
6.2 ENDOSCOPIC HOLOGRAPHY
6.2.1 INTERNAL HOLOGRAM RECORDING ENDOSCOPE
6.2.2 EXTERNAL HOLOGRAM RECORDING ENDOSCOPE
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6.4 HOLOGRAPHIC LIGHT IN FLIGHT RECORDING METHOD
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7.3.1.4 SPAIN
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7.4.2 CHINA
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7.5 MIDDLE EAST & AFRICA
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