

Optical Coherence Tomography (OCT) Market Insights 2030- Major Factors That Could Boost the Industry Worldwide

The report provides a detailed market analysis depending on competitive intensity and how the competition will take shape in the coming years.

NE WIN SIVERS DRIVE, PORTLAND, UNITED STATES, January 13, 2022 /EINPresswire.com/ -- According to the report by Allied Market Research, titled, "Optical Coherence Tomography (OCT) Market by Product Type (Handheld OCT Devices, Catheter Bases OCT Devices, Tabletop OCT Devices, and Doppler OCT Devices), Application (Ophthalmology, Cardiology, Oncology,



Optical Coherence Tomography (OCT) Market

Dermatology, and Dentistry), Technology (Time Domain OCT (TDOCT), Frequency Domain OCT (FD-OCT), and Spatial Encoded Frequency Domain OCT): Global Opportunity Analysis and Industry Forecast, 2021–2030.". The report provides a detailed analysis of changing market dynamics, top segments, value chain, key investment pockets, regional scenario, and competitive landscape.

Optical coherence tomography is an advanced technique that use for high resolution cross sectional imaging. Optical coherence tomography is a type of non-invasive imaging method similar to ultrasound imaging. This method uses coherent light to capture two and three dimensional pictures. This method is use in examination of transparent tissues. Moreover, this method used for analysis of the field of ophthalmology to monitor the condition of retina. High resolution imaging and high penetration depth are main features of optical coherence tomography during biopsy. This method can provide images of tissue in real time. Therefore, it can be used in optical biopsy and can reduce sampling errors associated with biopsy.

COVID-19 Impact Analysis-

COVID-19 is an infectious disease that originated in Hubei province of the Wuhan city in China in late December. The highly contagious disease, caused by a virus, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), is transmitted from human to human. Since the outbreak in December 2019, the disease has spread to almost 213 countries around the globe with the World Health Organization declaring it a public health emergency on March 11, 2020.

There has been an increase in the demand for medical supplies to take care of infected population. Respiratory support devices such as atomizers, life-support machines, oxygen generators, and monitors are among the majorly used medical devices in primary clinical treatment. Moreover, COVID-19 has led to a huge surge in demand for medical supplies such as personal protective equipment including masks, gloves, and protective eyeglasses.

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Top Impacting Factors

Rise in prevalence of cancer patients, surge in geriatric population, increase in demand of optical coherence tomography in drug delivery, rise in demand for early diagnosis methods, surge in adaptation of advance health care facilities, and grow in patient with eye diseases can drive the growth of the market.

In addition, emerging advance healthcare technology in developing countries, efforts & investment by government to improve infrastructure facilities, R & D activities to improve efficacy of optical coherence tomography systems, rise in applications of optical coherence tomography such as critical imaging process, and sales agreement, and partnership & takeovers by key market players can boost the growth of the market.

- •This report entails a detailed quantitative analysis along with the current global Optical Coherence Tomography (OCT) Market trends from 2021 to 2030 to identify the prevailing opportunities along with the strategic assessment.
- •The Optical Coherence Tomography (OCT) Market forecast is studied from 2021 to 2030.
- •The Optical Coherence Tomography (OCT) Market size and estimations are based on a comprehensive analysis of key developments in the endoscopic retrograde cholangiopancreatography industry.
- •A qualitative analysis based on innovative products facilitates strategic business planning.

•The development strategies adopted by the key market players are enlisted to understand the competitive scenario of the Optical Coherence Tomography (OCT) Market.

Optovue, OPTOPOL Technology S.A., Carl Zeiss Meditec AG, Agfa Healthcare, Imalux Corporation, Michelson Diagnostics, and Novacam Technologies Inc. Other players include; Topcon Medical Systems Inc., Leica Microsystems, Agiltron Inc., Thorlabs Inc.

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- Q1. Which are the leading players active in the optical coherence tomography market?
- Q2. What are the current trends that will influence the market in the next few years?
- Q3. What future projections would help in taking further strategic steps?
- Q4. What is "optical coherence tomography"?
- Q5. What is "optical coherence tomography" market prediction in the future?
- Q6. Who are the leading global players in the "optical coherence tomography" market?

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<u>Pacemaker Market - Global Opportunity & Industry Forecast, 2030</u> <u>Wound Care Market - Global Opportunity & Industry Forecast, 2028</u>

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