

# Europe Chronic Total Occlusion Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Equipment (Guide Wire, Micro Catheters, Crossing Devices, Re-Entry Devices, Others) and End User (Hospitals, Ambulatory Care Centers and Others)

<https://marketpublishers.com/r/E9AE6E688A4FEN.html>

Date: March 2026

Pages: 151

Price: US\$ 3,450.00 (Single User License)

ID: E9AE6E688A4FEN

## Abstracts

The Europe Chronic Total Occlusion (CTO) Market is projected to grow significantly, reaching an estimated US\$ 1,087.1 million by 2031, up from US\$ 639.3 million in 2024. This growth represents a compound annual growth rate (CAGR) of 8.0% from 2025 to 2031. Europe is the second-largest market globally for chronic total occlusion treatments, with key countries including France, Germany, the UK, Italy, Spain, and others in the region.

The demand for CTO procedures in Europe is primarily driven by the increasing elderly population and the rising prevalence of coronary artery disease (CAD). As the population ages, the incidence of cardiovascular diseases (CVDs) is expected to rise, leading to a greater need for advanced treatment options for complex coronary conditions like CTO. Technological advancements in interventional cardiology, particularly in CTO devices and improved percutaneous coronary intervention (PCI) techniques, are also contributing to market growth. Major players in the European medical industry, such as Siemens Healthineers, Biotronik, and Philips, are at the forefront of providing innovative products that cater to the evolving needs of patients. Government and private sector initiatives aimed at enhancing healthcare access and raising awareness about CTO treatments are anticipated to create further growth opportunities in the market. The increasing burden of cardiovascular diseases is prompting a shift towards more advanced and effective treatment options, which is expected to drive the demand for CTO procedures.

## Market Segmentation

The Europe Chronic Total Occlusion Market is segmented by equipment and end user. In terms of equipment, the market includes categories such as guide wires, coronary and peripheral intervention devices, micro catheters, crossing devices, and re-entry devices. Among these, guide wires are expected to hold the largest market share in 2024.

By end user, the market is divided into hospitals, ambulatory care centers, and others, with hospitals accounting for the largest share in 2024. This segmentation highlights the critical role that healthcare facilities play in the delivery of CTO treatments.

## Market Outlook

The prevalence of cardiovascular diseases, including coronary heart disease, heart failure, and atrial fibrillation, is a significant factor driving the demand for CTO interventions. According to the World Health Organization (WHO), approximately 30 million people suffer from strokes annually, with a substantial portion attributed to atrial fibrillation, which is the most common arrhythmia in Europe. The European Society of Cardiology has reported that the number of individuals aged 65 and older with atrial fibrillation is expected to rise dramatically, indicating a growing patient population that will require advanced cardiac care.

The WHO estimates that CVDs account for 17.9 million deaths each year, representing 32% of total global deaths. Risk factors for CVDs include age, family history, lifestyle choices, and other health conditions. As the incidence of these diseases continues to rise, the demand for CTO treatments is expected to expand, driving significant growth in the CTO market.

## Country Insights

Germany is identified as the largest market for CTO treatments in Europe, driven by its aging population and high prevalence of cardiovascular diseases. As of 2022, around 25% of Germany's population was aged 65 or older, and this demographic is projected to grow significantly in the coming years. The German healthcare system, known for its advanced interventional cardiology centers, supports the adoption of innovative CTO therapies, particularly minimally invasive procedures like PCI. Key players in the German market include Medtronic, Abbott Laboratories, and Biotronik, which provide specialized devices for complex coronary interventions. The demand for CTO procedures in Germany is expected to increase as healthcare policies focus on improving patient outcomes and expanding access to advanced treatments.

## Competitive Landscape

The Europe Chronic Total Occlusion Market features several key players, including Abbott Laboratories, Terumo Corp, Boston Scientific Corp, Medtronic Plc, Koninklijke Philips NV, Integer Holdings Corp, Becton, Dickinson and Co, Cordis Corp, Asahi Intecc Co Ltd, and SoundBite Medical Solutions. These companies are employing various

strategies such as product innovation, market expansion, and mergers and acquisitions to enhance their market presence and meet the growing demand for CTO treatments. In summary, the Europe Chronic Total Occlusion Market is poised for substantial growth, driven by demographic trends, technological advancements, and increasing awareness of cardiovascular health. The combination of an aging population and rising CVD prevalence presents significant opportunities for market players to innovate and expand their offerings in this critical area of healthcare.

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