

# Gingival Retraction Cords Market, size, share, forecast 2021-2028

The "Global Gingival Retraction Cords Market" is estimated to reach at a high CAGR during the forecast period (2021-2028).



Amityville, New York Nov 9, 2021 ([Issuewire.com](http://Issuewire.com)) - Market Overview

The gingival retraction cord is used primarily to create an accurate impression of the teeth by pushing the gum tissue away from the prepared margins of the tooth. The gum may get in the way of an

impression of a tooth, which is why gums are typically pushed out of the way.

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## Market Dynamics

The increasing prevalence of oral health and new technologies are estimated to drive the gingival retraction cords market.

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Oral diseases pose a major health burden for many countries and affect people throughout their lifetime, causing pain, discomfort, disfigurement, and even death. These diseases share common risk factors with other major non-communicable diseases. It is estimated that oral diseases affect nearly 3.5 billion people.

Oral health and dental is essential part of overall well-being and health. Poor oral hygiene leads to gum disease and dental cavities linked to heart disease, cancer, and diabetes. Maintaining healthy teeth and gums is a lifelong commitment gingival retraction technique for exposing crown margins during fixed prosthodontic impressions. Gingivitis is a common and mild form of gum disease (periodontal disease) that causes irritation, redness, and swelling (inflammation) of the gingiva, the part of the gum around the base of teeth.

During procedures of impression, to capture accurate preparation margins and the tooth structure apical to them effective gingival retraction is required. On the accuracy of this impression the fit of the planned restoration hinges, from which fixed prosthodontic restorations can be fabricated that exhibit marginal accuracy and an appropriate emergence profile. While many factors contribute to inaccurate impressions, a common problem is how well the clinician captured the prepared margin finish line, especially with subgingival or equigingival margins. In cases involving deeper preparation margins, the impression material must resist displacement from the gingival tissue, sulcular fluid, and/or blood.

The introduction of new technologies is estimated to drive the gingival retraction cords market in the forecast period

Traditionally, procedures for isolation and soft-tissue management are classified into three main approaches mechanical, chemical or surgical. Mechanical methods comprise gingival retraction cords. Gingival retraction techniques using cords are frequently strenuous, agonizing in the absence of anesthesia, and characterize a menace of injury to the epithelial attachment. Additional risks might contain irreversible gingival retraction, risk detachment of the epithelial membrane, and undue hemorrhage or seeping. A more recent and widely employed approach is chemomechanical methods which combine the effectiveness of chemical and mechanical methods and deliver non-invasive tissue management. The conservative retraction cords application as a chemo-mechanical system or mechanical is well recognized in practice because of its relative predictability, efficacy, and security associated with rotary gingival curettage and electrosurgery.

But it has definite restrictions, including higher working time, pain, a prerequisite of local anesthesia, gingival recession, and damage to the epithelium. To overcome these limitations, various newer retraction systems have been introduced. With added hemostasis, there have been improvements in mechanical retraction with the introduction of cordless retraction techniques. Retraction Cords- This has

proved to be the most popular method of gingival retraction to date. These are supplied as twisted, braided, or knitted cords. Desirable features are dark in colour to maximize tissue contrast, absorbent, availability in various diameters to have easy access in all types of gingival biotypes and sulcus configuration and effects on the gingiva should be spontaneously reversible.

### **Lack of expertise in the field is assumed to hamper the market**

Cord packing has been reported to injure the supporting tissues and impinge into the biological width. Impregnation with adrenaline and other such chemicals has been known to bring about various harmful systemic effects. However, the effect that impregnated gingival retraction cords have on gingival health is an area that still needs to be explored. The use of the gingival retraction cord is technique-sensitive and requires expertise. Difficulty in placing the retraction cord has been reported, in addition to gingival bleeding, patient discomfort, and root sensitivity. And when inappropriately manipulated, varying degrees of tissue trauma may result, leading to epithelial attachment damage and exacerbating gingival recession, bleeding, and bone resorption.

Retraction cords can be used with hemostatic agents or without. Various degrees of safety and effectiveness are available for hemostatic agents, such as aluminium potassium sulphate (Alum), aluminium chloride, epinephrine, zinc chloride, ferric sulphate, and sympathomimetic amines. A number of gingival retraction techniques are available, broadly classified as surgical and non surgical methods. Every practicing dentist needs to employ gingival retraction methods during routine dental procedures, especially when providing crowns with subgingival margins or restoring a tooth's cervical lesions. About 74% of the dentists preferred retraction cords to achieve gingival retraction; however, a majority (40%) of the dentists used them only " sometimes " while 31% used them " hardly ever " was found according to a survey conducted.

### **COVID-19 Impact Analysis**

The Healthcare industry has been affected by COVID-19. To curb its growth, government-imposed lockdown. People are fearful they will experience occupational effects and negative health from the COVID-19 pandemic. This has seen to affect the gingival retraction cords market as many have stopped manufacturing units.

### **Market Segmentation**

#### **By Product Type**

- Knitted Cords
- Braided Cords
- Twisted Cords
- Others

#### **By End-User**

- Dental Clinics
- Hospitals
- Others

### **Geographical Analysis**

North America region is expected to dominate the gingival retraction cords market

Due to the high incidence of dental problems, technological advancements and major key players in this region will dominate the market in the forecast period.

According to American Dental Association, in the week of September 21, 2021, more than 99% of dental offices in the U.S. were open, and patient volume was leveling off at just over 80% of pre-COVID-19 levels. Staffing was at 95% of pre-COVID-19 levels. These values have been roughly unchanged over the past two months and suggest practices are reaching a "steady state" of economic activity. Most of which cases are gingival retraction cords are anticipated to be on the higher note, by 35-40% among all the dental cases.

## **Competitive Landscape**

Major key players in the gingival retraction cords market are Patterson Companies, Inc., Ultradent Products, Inc., Pascal International, Inc., Sultan Healthcare, Premier Dental Products Company, Woodpecker Medical Instrument Co., Ltd., Zhengzhou Smile Dental Equipment Co., Ltd, Guangzhou Medunion Technologies Co.ltd and Guangzhou Maya Medical Equipment.Co.ltd

## **Market Key Players**

Ultradent Products, Inc.

**Overview:** Worldwide, a leading developer of high-tech dental materials, devices, and instruments Ultradent Products, Inc. mission is to improve dental health care and make dental procedures more predictable and efficient. Consistent with its mission, Ultradent works to improve the quality of life and the health of individuals through financial and charitable programs. These products are used worldwide by dentists, group practices, dental and veterinary labs, government agencies, and universities. Ultradent has continued its development efforts, holding dozens of patents and trademarks on unique products, materials, devices, and application techniques.

**Product Portfolio:** The company comprises Dental Consumables, Endodontic, Tooth Whitening, Restorative, Orthodontics, Tissue Management, Hygiene, Dental Sealant, Xylitol, Toothpaste, Fluoride, Caries Indicator, Hemostatic Agent, Tips, Bonding Agent, Etchant, Composites, Curing Lights, Impression Material, and Syringes.

**Key Development:** Ultradent Products, Inc., a leading developer, and manufacturer of high-tech dental materials, has unveiled the latest innovation for clinicians, the Umbrella™ soft tissue retractor.

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