Primadent and Paradontosis

What is Paradontosis?

Paradontosis is a chronic disease of the tissue surrounding the teeth (periodontium). This tissue, which consists of the alveolar bone of the dental sockets (alveolus), periodontium and gingiva, is responsible for affixing the teeth within the jaw. This disease, usually of a long-term character, propagates very slowly, passing through many stages, and finally can result in tooth loss. Since gums (periodontium) are extensively exposed to a wide spectrum of external forces, the identification of the cause of the disease is usually of a general character, such as improper oral hygiene or genetic predisposition. Although paradontosis affects mostly people of middle age and seniors, an increasing number of individuals around 20 years of age have recently been observed to be affected by the disease as well.

What Causes Paradontosis?

The cause of paradontosis is a chronic inflammation of the periodontium, which results from an unbalanced or inefficient immune response to external stimuli. In most cases, these stimuli are represented by bacteria and the chemicals they produce within the oral cavity. These bacteria thrive abundantly as a result of insufficient oral hygiene, forming “dental plaque“. The stimuli can also be of mechanical origin, such as the result of injuries sustained during extensive and harsh dental care, or repeated allergic reactions elicited by either biological or chemical agents. Since the central element responsible for inflammation is the immune system, other factors that modulate the immune system, such as hormonal processes and other diseases, also play an important role in the development of the inflammation.

What are the Symptoms of Paradontosis?
Visible signs of the disease are swollen gingiva and its higher sensitivity, followed by minor bleeding and tissue recession. This results in the exposure of necks of teeth, their increased sensitivity, and the risk of dental decay in the area of the dental neck. Subsequently, periodontal pockets develop, dental cementum gets damaged, and the ligaments and bones of the periodontium are eliminated, weakening and loosening the teeth. The final stage of parodontosis is characterized by tooth loss.

**What is the Current Therapy of Paradontosis?**

Although a significant part of the general population is affected by paradontosis at different stages of progression, there is still no effective long-term targeted method of its prevention and therapy. This is mainly due to the fact that the oral cavity is subjected to considerable extremes of mechanical, chemical, and microbiological origins, and thus it is very difficult not only to identify the specific causes of the disease, even in the context of the overall health of subjects, but also to choose an efficient and targeted treatment. Currently, the majority of products used against paradontosis are based on the disinfection of the oral cavity, the application of anti-inflammatory and tranquilizing substances, or on the revitalization of gums by massage. These methods of treatment against paradontosis mostly provide only short-term and insignificant effects that do not treat the cause of the disease but the consequences.

**What this Integrated Solution of Primadent Brings to the Therapy of Paradontosis?**

The newly developed Primadent product brings with it a unique solution based on the current scope of both primary causes of paradontosis. These causes are the stimuli that the immune system responds to and the insufficiently or inadequately responding immune system itself. The unique composition of Primadent gel, based on the original complex of biogenic peptides and fluorides, prevents the extensive growth of
microorganisms that generate a toxic environment damaging periodontium, and in parallel, modulate inadequate or support insufficient immune responses elicited by different stimuli such as microbiological, toxic, or those otherwise undetermined. This technology, which is focused on solving the causes of the periodontal disease and not on treating the disease’s symptoms, was shown to deliver highly positive and long-lasting results, not only in the fight against the disease itself, but also in the prevention of its emergence.

**What Results are Produced by the New Integrated Solution of Primadent?**

Studies performed by dentists have shown that the use of Primadent massage gel is beneficial at different stages of paradontosis progression, as well as in prevention of its development. The studies also have found positive effects of Primadent gel on gingival inflammation, involving its bleeding and edemas. Effects of Primadent gel also contribute to a strengthening of loosened teeth and improvements in the health of the gums. An important feature of Primadent’s effects is their long-term positive impact and consistency.

**Who Should Use Primadent?**

Primadent is primarily designed for everyone suffering from periodontal disease. Its sensitive formula and absence of additional chemical ingredients also allow its use by individuals that are hypersensitive or allergic. In healthy subjects, the significant preventative effects of Primadent make its use important as a complement to the regular care of oral hygiene and for the specific prevention of paradontosis.