



*Dental Anatomy*

### What is Periodontal Disease?

Periodontal or gum disease is an infection of the supporting tissues and bone that hold your teeth in place. It is usually caused by:

- Poor Oral Health
- Smoking
- Chronic illnesses, such as Diabetes
- Certain medications
- Genetic susceptibility

## Who is DEKA Dental Lasers?

### About Us

For 30 years DEKA has been a global leader in laser innovation. Improving the work of doctors and the well-being of patients is the foundation that the company has been built upon and continues to be the primary focus today. Present in more than 120 countries, DEKA continues to be an epicenter of innovation for the entire global medical/dental sector.

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Periodontal  
Laser  
Therapy



## Why is Laser Therapy the Ideal Treatment for Gum Disease?

Laser Dentistry has proven to be one of the most exciting advancements in dental technology. Compared to traditional surgical methods, dental lasers reduce pain, swelling, bleeding, and the presence of bacteria.

*"The DEKA CO<sub>2</sub> Laser provides our patients with a pleasant, safe and effective treatment experience."*

### Periodontal Disease

## How do you treat Periodontal Disease?

### Treatment for Periodontal Disease

Traditional treatment for Periodontal Disease starts with Scaling and Root Planing, which is a non-surgical method of cleaning the surfaces of the teeth and roots. In many cases, surgery is also needed. During surgery, the gum tissue is cut and flapped back to allow deep cleaning around the roots underneath. The gum tissue is then sutured back into place to heal.

### Get the Exact Results You Want

The dentist or hygienist use a dental laser to remove the inflamed gum tissue from around the root of the tooth. When the infected tissue is removed, the dentist smooths the tooth and root with instruments to remove any rough spots that might attract bacteria and cause future infections.



The DEKA CO<sub>2</sub> laser is a non-contact laser meaning there is no harsh drilling, cutting or invasive reduction of the gum line which could compromise teeth roots.

### The DEKA CO<sub>2</sub> Laser

The benefits of using the DEKA CO<sub>2</sub> Laser include bacterial reduction and accelerated healing time. Patient discomfort is minimal and postoperative complications such as bleeding and infections are greatly reduced.

### Benefits for Patients

Patients who have Laser Periodontal Therapy experience:

- Faster healing and minimal bleeding
- Helps to prevent infections
- Eliminates need for sutures

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