

## New Smile



### Working Closely With You

We realize that some people are anxious about a visit to the dentist, so we do our best to make you feel comfortable, in a relaxed informal atmosphere. From the smallest filling to solving complex dental problems, you will always find a sympathetic ear. We start by getting to know you and helping you overcome any worries you may have about dental care. Our aim is to discover your own particular dental needs and to help you keep all your teeth, all your life.

### You will receive all these benefits:

- ✓ Substantial savings.
  - ✓ Doctors affiliated to [ADA](#).
  - ✓ High technology (immediate load implants).
  - ✓ Innovation.
  - ✓ Excellence.
  - ✓ Quality.
  - ✓ [OCO Biomedical's](#) dental implants.
  - ✓ One single trip to Costa Rica.
  - ✓ Immediate appointment confirmation.
  - ✓ Local travel services discounts.
  - ✓ Exclusive services (private transportation).
- The most important: **Your New Smile!**

## **Treatments**

### ***We offer the following dental treatments***

#### **Endodontic (Root canal therapy)**

Root canal therapy refers to the process by which a dentist treats the inner aspects of a tooth, specifically that area inside a tooth that is occupied by its "pulp tissue." Most people would probably refer to a tooth's pulp tissue as its "nerve." While a tooth's pulp tissue does contain nerve fibers it is also composed of arteries, veins, lymph vessels, and connective tissue.

#### **Periodontics**

What is periodontal disease and what causes it? It starts with bleeding gums, but can lead to tooth loss if allowed to continue.

#### **Extractions**

Tooth extraction is the removal of a tooth from its socket in the bone.

#### **Wisdom teeth surgery**

A wisdom tooth is extracted to correct an actual problem or to prevent problems that may come up in the future.

#### **Porcelain crowns and high noble metal porcelain crowns**

Crowns are a type of dental restoration which, when cemented into place, fully cup over the portion of a tooth that lies at and above the gum line. Crowns can be made out of porcelain (meaning some sort of dental ceramic), metal (a gold or other metal alloy), or a combination of both.

## **Crowns on implants**

#### **Bone grafting**

A bone graft (regenerative surgery) is a procedure that is used to recreate hard and soft supporting tissues lost due to gum disease.

#### **Sinus lift**

A sinus lift is surgery that adds bone to your upper jaw in the area of your molars and premolars. It's sometimes called a sinus augmentation. The bone is added between your jaw and the maxillary sinuses, which are on either side of your nose. To make room for the bone, the sinus membrane has to be moved upward, or "lifted."

#### **Immediate load dental implants**

Implants are devices made of titanium that replace the roots of lost teeth, and are used to support crowns, bridges or dentures. Immediate load dental implants can be placed in a single appointment and the integration with the bone is immediately or no longer than 24hrs.

#### **Two stage dental implants**

Using the traditional implant process. (Two stage dental implants), placements in the lower jaw need about three months to heal while placements in the upper jaw need about six months to heal.

Traditionally, the procedure has been performed in two steps. The dentist began by installing the implant, which was left for three to six months to heal and integrate with the jawbone. During the healing period, the patient was given a temporary prosthesis until the permanent crown could be put in place. Traditional dental implants required patients to sacrifice much of their time and money to achieve the look and feel of natural-looking teeth.

## Whitening (laser and home bleaching)

**a) Home bleaching:** This type of teeth bleaching system makes use of a plastic bleaching tray (a "custom" bleaching tray) into which a carbamide peroxide whitening gel is placed. The loaded tray is then seated over the dental patient's teeth and worn (at home, on the patient's own time) for multiple hours per day (or else overnight), for some weeks, while the lightening effects of the teeth whitening process take place.

**b) Laser whitening:** Professional teeth whitening or laser whitening refers to a technique where a whitener is applied to your teeth by the dentist in the dental office. The main advantage of this procedure is that the whitening effect is seen immediately.

### Teeth cleaning:

Teeth's cleaning is the removal of dental plaque from teeth, in order to prevent cavities (dental caries), gingivitis, and periodontitis.

### Composite white fillings

Composite "white" fillings, made of composite, are used to restore teeth that have small cavities. They are called "white" fillings because of the natural, tooth color of the material. Composite fillings can be made on-site and completed in only one office visit.

### Porcelain veneers

Porcelain veneers, alternatively termed dental veneers or dental porcelain laminates, are wafer-thin shells of porcelain that are bonded onto the front side of teeth so to create a cosmetic improvement for a tooth. Porcelain veneers are routinely used by dentists as a way to make cosmetic changes for teeth that are discolored, worn, chipped, or misaligned.

## Extreme Makeover

### Bruxism

is the clenching and / or grinding of your teeth, especially at night. Clenching refers to tightly clamping your top and bottom teeth together. The force of clenching causes stressful pressure on the muscles, tissues and jaw. Jaw disorders, jaw pain, soreness, headaches, earaches, damaged teeth and other problems can result from bruxism.

If clenching causes jaw pain, it can disrupt sleeping and eating, lead to other dental problems or create TMJ problems. Nightly grinding can also disturb sleeping partners.



## Cosmetics

### Amelogenesis imperfect

Presents with abnormal formation of the enamel or external layer of teeth. Enamel is composed mostly of mineral, that is formed and regulated by the proteins in it. Amelogenesis imperfecta is due to the malfunction of the proteins in the enamel: ameloblastin, enamelin, tuftelin and amelogenin. People afflicted with amelogenesis imperfect have teeth with abnormal color: yellow, brown or grey. The teeth have a higher risk for dental cavities and are hypersensitive to temperature changes. This disorder can afflict any number of teeth.



## Implans

Is an artificial tooth root replacement and is used in prosthetics dentistry to support restorations that resemble a tooth or group of teeth. There are several types of dental implants. The major classifications are divided into osseointegrated implant and the fibrointegrated implant. Earlier implants, such as the subperiosteal implant and the blade implant were usually fibrointegrated. The most widely accepted and successful implant today is the osseointegrated implant based on the discovery that titanium can be successfully fused into bone when osteoblasts grow on and into the rough surface of the implanted titanium. This forms a structural and functional connection between the living bone and the implant. A variation on the implant procedure is the implant supporter bridge, or implant-supported denture.



## **Crowns and Bridges**

are fixed prosthetic devices. Unlike removable devices such as dentures, which you can take out and clean daily, crowns and bridges are cemented onto existing teeth or implants, and can only be removed by a dentist.

A crown is used to entirely cover or "cap" a damaged tooth. Besides strengthening a damaged tooth, a crown can be used to improve its appearance, shape or alignment. A crown can also be placed on top of an implants to provide a tooth-like shape and structure for function. Porcelain or ceramic crowns can be matched to the color of your natural teeth. Other materials include gold and metal alloys, acrylic and ceramic. These alloys are generally stronger than porcelain and may be recommended for back teeth. Porcelain bonded to a metal shell is often used because it is both strong and attractive.

