



Ultrasonic Scaling

For your dental health.

What is periodontal disease?

Periodontal disease, an infection of the teeth, gums, and bone that surrounds the teeth, is the number-one cause of adult tooth loss. It begins when plaque, a sticky film of food and bacteria, builds up on your teeth. If plaque isn't removed, it hardens into calculus, also called tartar. The buildup of plaque and tartar dramatically increases the number of harmful bacteria in your mouth and can result in deepening spaces between the teeth and gums, called pockets. Bacteria trigger the body's immune system to produce enzymes. These enzymes destroy the bone surrounding the teeth, which ultimately leads to tooth loss.



Early periodontal disease

What is an ultrasonic scaler?

To fight periodontal disease, we need to reduce plaque, tartar, and the number of bacteria in the pockets in your mouth. One device we use to remove calculus from teeth is an ultrasonic scaler. It consists of a wand with a small scaling tip that produces a soft ultrasonic vibration. The small, quick vibrations in combination with a water flow give us a whole new level of effectiveness in calculus removal. The benefits of ultrasonic scaling include:

- Increased efficiency of calculus removal
- Less need for hand scaling of stubborn deposits
- More comfortable access to the root surfaces, thanks to the small tip

Ultrasonic scaling removes calculus and reduces the number of harmful bacteria below the gum line. It is an important tool in the prevention and treatment of periodontal disease.



Tooth loss



The ultrasonic scaler