



SPEED YOUR ORTHODONTIC TREATMENT!

Patient Guide to "How it Works"

TEETH 101

Teeth are surrounded by three key components:

GINGIVA

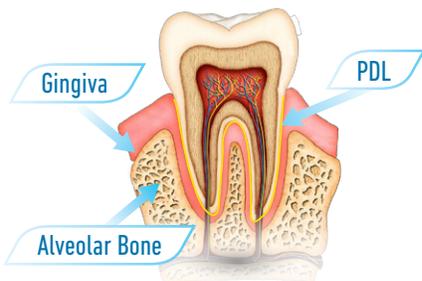
Gum tissue that surrounds each tooth and provides a seal

PERIODONTAL LIGAMENT (PDL)

A membrane that covers the bottom portion of each tooth

ALVEOLAR BONE

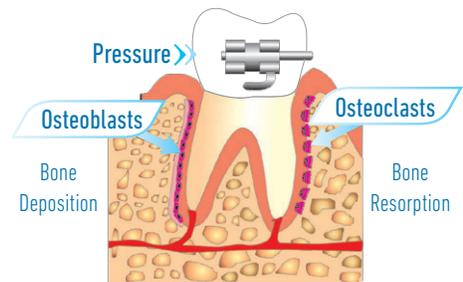
Hardened bone that surrounds each tooth socket



Key components surrounding teeth

HOW TEETH MOVE THROUGH BONE

Bone remodeling is how teeth move through bone. Force applied to the teeth cause bone cells (osteoblasts and osteoclasts) to mobilize around the root of the tooth in the periodontal ligament (PDL). This cellular response causes changes in the bone surrounding the tooth that allow it to move through the bone.



Tooth movement illustrated

HISTORY OF STIMULATION ON BONE REMODELING

Mechanical stimulation (vibration) of bone has been studied since the mid-1980s to heal bone fractures and to treat osteoporosis. Studies have shown that mechanical stimulation of bone can increase the rate of fracture healing and bone density in long bones. Vibrating plates are currently available to treat bone and muscle loss. These devices vibrate the entire body – including the head and teeth – and are used by patients for 20 to 30 minutes a day.

AcceleDent Aura builds on the clinical benefits of vibration and applies SoftPulse Technology® to help safely speed the rate of tooth movement.

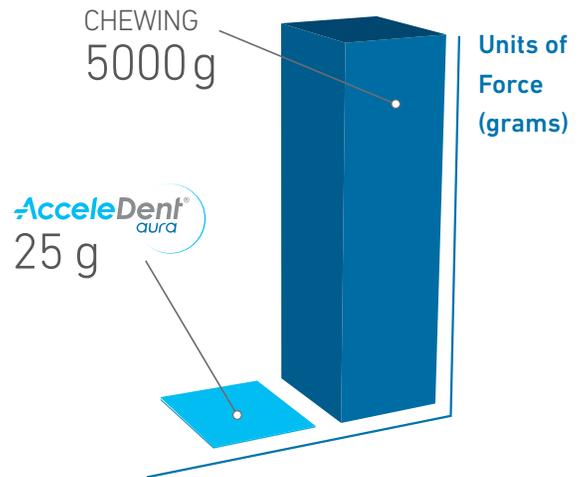


Bone stimulation increases rate of healing process

ACCELEDENT[®] AURA IS SAFE AND GENTLE

AcceleDent Aura is cleared by the FDA and has been demonstrated safe and reliable in U.S. clinical trials. AcceleDent Aura's vibration is a reasonable and safe approach for accelerating tooth movement. In fact, the force applied to teeth during ordinary chewing is at least 200x greater than the force applied with AcceleDent Aura (5000g chewing vs. 25g AcceleDent Aura).

Also, many orthodontists and patients have reported that AcceleDent reduces discomfort associated with tooth movement from braces.

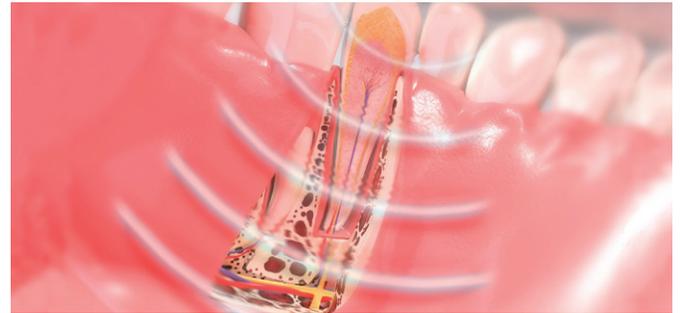


AcceleDent Aura offers gentle vibration to accelerate tooth movement

ACCELEDENT[®] AURA WITH SOFTPULSE TECHNOLOGY[®]

AcceleDent Aura's SoftPulse Technology[®] releases a safe and effective light force pulse that transmits through the roots of your teeth to the surrounding bone socket. This helps accelerate the cellular response and speeds the rate with which your teeth can move.

When used in conjunction with orthodontics, AcceleDent Aura has been clinically proven to move teeth up to 50% faster.



SoftPulse Technology[®] can help your teeth move up to 50% faster

TALK TO YOUR ORTHODONTIST ABOUT ACCELEDENT.

For more information, call 1-866-866-4919 or visit acceleident.com