

Health

What is orofacial pain?

By Rick Borquez, DDS

Orofacial pain includes a number of clinical problems involving the chewing (masticatory) muscles or temporomandibular joint. Problems can include temporomandibular joint discomfort; muscle spasms in the head, neck and jaw; migraines, cluster or frequent headaches; pain with the teeth, face or jaw; or anxiety or depression.

You swallow approximately 2,000 times per day, which causes the upper and lower teeth to come together and push against the skull.

People who have an unstable bite, missing teeth, or poorly aligned teeth can have trouble because the muscles work harder to bring the teeth together, causing strain. Pain also can be caused by clenching or grinding teeth, trauma to the head and neck, or poor ergonomics.

Some may experience pain in the ears, eyes, sinuses, cheeks or sides of the head, while others experience clicking when moving the jaw or even locking if the jaw is opened or closed.

Temporomandibular disorders (TMD)

The National Institute of Health estimates that more than 10 million Americans have TMD, or problems affecting the jaw joint and/or muscles. Your temporomandibular joints are located where the skull connects to your lower jaw.

To feel these joints, place your fingers in front of both ears and open your mouth. The muscles on the

sides of your head and face control the joints' movements. Researchers believe women between 20 and 40 are most likely to suffer from TMD because of the added estrogen in their bodies.

Headaches

One in eight Americans suffers from headaches. Experts estimate that 80 percent of all headaches are caused by muscle tension, which may be related to the bite. Headaches also can be caused by clenching jaw muscles for long periods of time. Signs that may indicate a headache from a dental origin include:

Pain behind the eyes, sore jaw muscles or "tired" muscles upon awakening, teeth grinding, clicking or popping jaw joints, head and/or scalp painful to the touch, earaches or ringing, neck shoulder or back pain, and dizziness.

Sleep disorders

If you have gone through treatment and still experience orofacial pain, you may have a sleep disorder, such as bruxism, or a sleep-related breathing disorder, such as snoring or sleep apnea. Bruxism is the technical term for grinding and clenching. Snoring that goes undiagnosed may lead to an increased tendency for the airway to collapse, leading to sleep apnea.

Sleep apnea is a condition when the tissues and muscles in the back of the throat collapse the airway. This can cause a person to wake up multiple times in the middle of the night, sometimes without knowing it.

Are there any treatments available?

Your dentist has a variety of treatments that will help alleviate your orofacial symptoms. One device is called an orthotic, or splint, that is worn over the teeth until the bite can be stabilized. Permanent correction may require reshaping teeth, building crowns, orthodontics, or a permanent appliance for the mouth.

Your dentist might also recommend physical therapy, counseling, relaxation training or massage therapy. Other ways to alleviate the pain include:

Place an icepack on the painful area for 10 minutes, three to four times a day, eat softer foods and avoid chewing gum or ice, cut food into smaller pieces, keep upper and lower teeth slightly apart except when chewing or swallowing (keep-

ing your tongue between your teeth may help with this), sleep on your back, do not rest your hand on your chin. When talking on the phone, do not rest the receiver on your shoulder.

What else will my dentist do?

Your dentist can help. He or she will take a medical and dental history and determine if any trauma has occurred in the facial area, perform a



physical examination to examine your temporomandibular joint, and look at head and neck structures. Main-

taining or correcting your bite ensures optimal health, and proper care will help reduce or eliminate orofacial pain and discomfort.

Dr. Borquez has a practice in Moorpark. He can be reached at www.borquezdental.com or (805) 529-1000.

The Art of Creating Smiles



Dr. Rick Borquez, DDS

Esthetic Dentistry

(805) 529-1000

UCLA Graduate

MEMBER:

American Dental Association
California Dental Association
Santa Barbara-Ventura County Dental Society
Academy of Cosmetic Dentistry
American Equilibration Society

- DEDICATED TO EXCELLENCE IN ESTHETIC DENTISTRY -

165 E. High Street, Suite 101, Moorpark, CA 93021
www.borquezdental.com