NEWSLETTER

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Dr. Mike was invited to learn more about AIOBIO in Korea and is helping bring it to dentists across the US

Miyasaki Dental

focuses on prevention and early intervention

In August, Dr. Mike was flown to Korea by the cutting edge dental company, AIOBIO, in order to be shown how AIOBIO's innovative extraoral and intraoral cameras are transforming dentistry through the use biofluorescence. Biofluorescence illuminates the bacteria found within plaque and highlights them in a bright red hue making it easy to identify areas of plaque, cracks, and even decay inside of a tooth. Miyasaki Dental is the only dental practice in the US with this cutting edge technology putting us at the forefront of care. With AIOBIO our goal is to help patients focus on prevention and early intervention.

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What if the key to being healthier was simply breathing?

Breathing is an automatic action that often goes unnoticed. Many of us fail to recognize whether we inhale through our mouth or nose. However, what most people overlook is that mouth breathing can actually deprive our bodies of **oxygen.** While it may seem like we are taking in more air, it is not an effective method. In contrast, when we breathe through our nose, our nasal passages play a crucial role by humidifying and filtering the air using nitric oxide. This compound significantly enhances circulation, enabling every organ in our body to absorb more oxygen. The benefits include lowering blood pressure, memory and improving learning, promoting healthy digestion, boosting erectile function, and regulating bladder function.



MIYASAKI DENTAL



What is <u>Orofacial</u>
<u>Myofunctional</u>
<u>Disorder</u>? How can it be treated?

Signs of Orofacial Dysfunction include:

- Mouth Breathing instead of nasal breathing
- Open Mouth Posture: lips are not sealed and mouth is open or slightly open
- Low Tongue Posture: Tip of the tongue resting on the teeth and not on the roof of the mouth.

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 Tongue Thrust Swallowing Pattern: tongue pushes up against the teeth when swalllowing **Orofacial Myofunctional Disorder** (OMD) refers to abnormal resting or movement patterns of the facial muscles that can interfere with normal growth, development, and function. These disorders may affect breathing, speaking, chewing, swallowing, and even facial development. Common signs include mouth breathing, tongue thrusting, improper tongue resting posture, and difficulties with oral functions.

Myofunctional therapy is a specialized treatment approach that helps retrain these oral and facial muscles to function properly. It involves exercises and behavior modification techniques designed to establish correct muscle patterns. This non-invasive therapy can be beneficial for patients of all ages and is often recommended as part of a comprehensive treatment plan for issues like sleep-disordered breathing, orthodontic relapse, speech difficulties, and TMJ disorders.

At Miyasaki Dental, Dr. Yasmine Peterson offers personalized myofunctional therapy programs tailored to each patient's specific needs. Through consistent practice and guidance, patients can experience significant improvements in their oral function, facial development, and overall quality of life. If you or a family member shows signs of orofacial myofunctional disorder, we encourage you to schedule a consultation to learn more about how this therapy might help.

THANK YOU!