Botox and dermal fillers for every dental practice

The next big thing in dentistry may be expanding into the peri-oral and maxillofacial tissues

By Louis Malcmacher, DDS, MAGD

Esthetic dentistry has been an absolute boom over the last 30 years, especially when it comes to such innovative techniques as teeth whitening and minimally-invasive veneers like Cristal Veneers by Aurum Ceramics.

Now that the teeth look good, what about the perioral and maxillofacial areas around the mouth and on the face? If the teeth look good but we ignore the rest of the face, we have severely limited what we have done in esthetic dentistry.

It is time to give serious consideration to extending the oral-systemic connection to the esthetic realms and facial pain areas of the face, which dentists are more familiar with than other health-care practitioners. As dentists, we can do a magnificcent job of making teeth look great and also give people a healthy and beautiful smile.

How does Botox work?

Botox is a product name for botulinum toxin, which comes in the form of a purified protein. The mechanism of action for Botox is really quite simple. Botox is injected into the facial muscles, but really doesn’t affect the muscle at all. Botulinum toxin affects and blocks the transmitter between the motor nerves that innervate the muscle.

There is no loss of sensory feeling in the muscles.

Once the motor nerve endings are interrupted, the muscle cannot contract. When that muscle does not contract, the dynamic motion that causes wrinkles in the skin will stop.

The skin then starts to smooth out, and in approximately three to four months, at which time the patient needs retreatment.

When is Botox used?
The areas that Botox is commonly used for smoothing of facial wrinkles are the forehead, between the eyes (glabellar region), and around the area of the perioral and maxillofacial tissues.

Dental professionals help survivors of domestic violence

More than 5 million people in the United States are affected by domestic violence each year. In response, the American Academy of Cosmetic Dentistry Charitable Foundation (AACDCF) created the Give Back a Smile (GBAS) program.

The program provides free cosmetic dentistry to survivors of domestic violence. More than 800 cases have been completed by AACD dental professionals, who have volunteered their time and expertise pro bono. There are currently 400 applicants being treated throughout the United States.

“After suffering abuse, it is difficult for survivors to find something to smile about and even more difficult when they don’t have a smile to show,” said AACD Foundation Program Manager Lisa Fitch.

“AACDCF volunteers assist survivors of domestic violence by treating their dental injuries, restoring their smiles, self-esteem and, ultimately, their lives.”

As the national economy entered its deepest recession in almost 100 years, many across the country felt the increased stress, which resulted in a sharp rise in domestic violence.

According to the National Coalition of Domestic Violence, 75 percent of battering occurs to the head and face. This means the dental office is in an extremely influential position to intervene and help stop the violence.

In addition to the GBAS program, the AACDCF offers the Domestic Violence Intervention & Prevention (DVIP) program.

This program offers a free video to dental professionals interested in learning from an expert how to approach difficult situations in the dental practice when domestic violence is suspected.

Domestic violence survivors who have suffered dental injuries from abuse by a former intimate partner or spouse can contact GBAS toll-free at (800) 773-4227, visit www.givebackasmile.com, or e-mail givebackasmile@aacd.com.

Survivors must make an appointment with a counselor, domestic violence advocate, social worker or therapist to complete the advocacy section of the GBAS application.

GBAS conducts the initial review of the application; however, the dentist has the final say as to the eligibility of the applicant.

If eligible, the AADC connects the survivor with a local GRAS volunteer who provides treatment at no charge to the recipient.

For dental professionals who are interested in participating in the program, more information is available from the AADC online www.aacd.com or via phone (800) 345-9220.

(Source: AACD Foundation)
the corners of the eyes (crow’s feet) (Figs. 1, 2) and around the lips. Botox has important clinical uses as an adjunct in TMJ and bruxism cases, and for patients with chronic TMJ and facial pain.

Botox is also used to complement esthetic dentistry cases; as a minimally-invasive alternative to surgically treating high lip line cases; for denture patients who have trouble adjusting to new dentures; for lip augmentation; and has uses in orthodontic and periodontic cases where facial muscle retraining is necessary.

No other health-care provider has the capability to help patients in so many areas as do dentists with Botox and dermal fillers.

What about dermal fillers?

Dermal fillers, such as hyaluronic acid (Juvederm Ultra and Restylane) are commonly used to add volume to the face in the nasolabial folds, oral commissures, lips and marionette lines (Figs. 3, 4).

As we age, collagen is lost in these facial areas and these lines start to deepen. These dermal fillers are injected right under the skin to plump up these areas so that the patient made a distinct choice.

Interestingly, these procedures become more popular in an uncertain economy because patients want to do something to look better that is more affordable than surgical esthetic options.

How do you get there?

Like anything else you do, offering this type of service requires training. The learning curve is short because you already know how to give comfortable injections. I often give training sessions in Botox and dermal fillers and dentists are amazed how easy these procedures are to learn and accomplish compared to everything else we do.

Finding practice models is easy: start asking family and friends who will fight to have you practice on them.

If you want even more proof, ask women in your practice if they have had or would like Botox or dermal filler therapy.

You will be overwhelmed at the positive response and shocked at the number of people you know already receiving these treatments.

Conclusion

What’s the next big thing in dentistry? It may come as we start expanding outside of the teeth and gums into the peri-oral and maxillofacial tissues, which is within every dentist’s skill set.

All you need is knowledge and practice. Then, you will be able to deliver these new services to your patients and truly complement the rest of your dental practice.

About the author

Dr. Louis Maltemacher is a practicing general dentist in Bay Village, Ohio, and an internationally recognized lecturer, author and dental consultant known for his comprehensive and entertaining style.

An evaluator for Clinicians Reports (formerly Clinical Research Associates), Maltemacher has served as a spokesperson for the ADA and is president of the American Academy of Facial Esthetics.

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