I consider the co-founder of Complete Face, Steven Liew, MD, a friend. I have no financial interest in this software. I also received a free version of the software that I plan to keep. In addition, most of what is discussed herein and demonstrated in the App is off-label.

Complete Face (available through the Apple App store and Google Play) is a new training app for those interested in improving their injection knowledge and technique. The app, developed by Australian plastic surgeons Dr. Liew and Dr. Peter Callan provides information on the anatomy and techniques as well as suggestions for product selection, cannula size, and needle gauge. It is comprehensive in its details and helpful in identifying not only the best ways to inject fillers and toxins but also some of the dangers associated with these injections.

The dissections performed in this video are high quality and very detailed. Each muscle is demonstrated in the toxin section. For instance, the depressor septae is identified and its actions shown (Figure 1). This provides the foundation for injecting it with toxins—once one can see how it depresses the nasal tip as well as its origin and insertion it is possible to correctly inject this muscle. Figure 2 depicts mid face anatomy.

This is not the type of injection taught at most courses nor is it something that is an on-label indication. Thus, it is not likely that many people will see this in other scenarios. Granted, most patients do not come in asking to have their depressor septae injected but it is nice to have the ability to inject this muscle because it provides a higher level of patient satisfaction, it is an advanced technique, and it enhances other injections performed.

Precise Demonstrations

One of the best sections in this video is the part on how to manage vascular emboli. Two branches of a vessel are injected with hyaluronic acid in a dissected cadaver face. Each branch is filled to dilation. Dr. Liew then demonstrates injection of hyaluronidase in the adjacent region for 1 of the branches. Within seconds of being injected, the vessel is no longer turgid and it is obvious that the enzyme did its job.

Whereas many authors discuss this, few demonstrate it in this graphic manner. This demonstration serves to reiterate the information that was presented by Kim et al and is a great demonstration of the need to keep hyaluronidase in the office if you are injecting fillers.

Novel means and locations for fillers are demonstrated in detail sufficient to enable most injectors to see how to expand their repertoire. One example of this is the demonstration of a cannula to fill the forehead. This is an area that many injectors consider to be fraught with difficulty because horizontal lines tend to get bumps, injections tend to find vessels, and complications tend to outweigh the benefits. However, the
anatomy and visual demonstration provided show how and why to inject this region with hyaluronic acid fillers. Instead of using needles to access the treatment areas, a 27-gauge cannula is used to avoid pitfalls traditionally associated with the treatment. Because this is an off-label indication, it is likely that it will be one of the few examples of this type of injection that will show injectors how to do inject the region.

Injections of toxins finally expand beyond consideration of the basics (again, this limitation is partially imposed by on-label restrictions on continuing medical education). Whereas many discussions of toxin injections show a cartoon of the muscle and then a few injection sites that comply with the FDA-approved indications, this app demonstrates a dissection of the facial muscles with injections that target the muscles while also discussing the landmarks that enable an injector to find the correct area to inject. Injections of the orbicularis oculi muscle are displayed in a manner that allow the viewer to see each of the components that are clinically relevant as well as a means of correctly injecting each.

SPECIAL OFFER
Readers of The Dermatologist receive a limited time special offer to purchase the App for $599.99—a 70% discount off the list price for the App. The offer runs through February 25, 2016 only. To receive this special offer, download the app, which is free, and then go to “essentials” and then click on “buy the lot.” For inquiries on the app purchase, please email info@completeface.net. In addition, there is a help/support button on both www.completeface.net and on the app.

Dr. Beer is in private practice in West Palm Beach, FL. He is also a volunteer clinical instructor in dermatology at the University of Miami, a consulting associate in the department of medicine at Duke University, and shareholder and director of the Cosmetic Bootcamp meeting.

Disclosure: Dr. Beer is an owner of Theraplex LLC, and consults, speaks, or performs clinical trials for Medicis, a division of Valeant, 3M, Sanofi Aventis, Bioform Medical, Allergan, and Stiefel, a GSK company. He is also a shareholder and director of the Cosmetic Bootcamp meeting.

Reference