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V1570

Botox and Dermal Fillers in Dentistry

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Gordon J. Christensen, DDS, MSD, PhD

Materials Included:

C.E. Instruction Sheet
Products List
Clinician Responsible
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AGD Post-Test

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PRACTICAL CLINICAL COURSES
Sources of Products Discussed in
V1570 Botox and Dermal Fillers in Dentistry

Presented by: Louis Malcmacher, DDS & Gordon J. Christensen, DDS, MSD, PhD

1. **Bacteriostatic 0.9% Sodium Chloride Injection, USP**
Pfizer Inc.
66 Hudson Blvd East
New York, NY 10001-2192
(800)879-3477
www.pfizer.com
2. **Belotero Balance**
Merz North America, Inc.
6501 Six Forks Road
Raleigh, NC 27615
(888)972-4588
(919)582-8000
www.belotero.com
3. **Botox Cosmetic**
AbbVie Inc.
1 North Waukegan Road
North Chicago, IL 60064
(800)255-5162
www.botoxcosmetic.com
4. **Comfortox Syringe (0.5cc/ml, 31 Gauge X 8mm)**
STATDDS
2121 South Green Road
South Euclid, OH 44121
(800)693-9076
www.statdds.com
5. **Comfortox Syringe (3ml/cc, 22 Gauge, 1")**
STATDDS
2121 South Green Road
South Euclid, OH 44121
(800)693-9076
www.statdds.com
6. **Dysport**
Galderma Laboratories, LP
2001 Ross Avenue
Suite 1600
Dallas, TX 75201
(866)735-4137
www.galderma.com
7. **Eyebrow Pencil**
Local Retailers
8. **Juvéderm Ultra Plus XC**
AbbVie Inc.
1 North Waukegan Road
North Chicago, IL 60064
(800)255-5162
www.juvederm.com
9. **Lidocaine Hydrochloride**
Pfizer Inc.
66 Hudson Blvd East
New York, NY 10001-2192
(800)879-3477
www.pfizer.com
10. **Radiesse**
Merz North America, Inc.
6501 Six Forks Road
Raleigh, NC 27615
(888)972-4588
(919)582-8000
www.radiesse.com
11. **Restylane**
Galderma Laboratories, LP
2001 Ross Avenue
Suite 1600
Dallas, TX 75201
(866)735-4137
www.galderma.com
12. **STATDDS Sleep and Bruxism Device**
STATDDS
2121 South Green Road
South Euclid, OH 44121
(800)693-9076
www.statdds.com
13. **Xeomin**
Merz Pharmaceuticals, LLC
6601 Six Forks Road
Suite 400
Raleigh, NC 27615
(919)582-8000
www.xeomin.com

Product names, the products themselves, and company names change rapidly. Please contact the companies shown to confirm current information.

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PROGRAM

V1570 Botox and Dermal Fillers in Dentistry

CLINICIANS RESPONSIBLE:

Louis Malcmacher, DDS

Expert in Botox and Dermal Fillers

Practicing General Dentist

Internationally Known Lecturer and Author

President of the American Academy of Facial Esthetics

Gordon J. Christensen, DDS, MSD, PhD

Founder and CEO, Practical Clinical Courses

Senior Consultant & Previous CEO, CR Foundation

Practicing Prosthodontist, Provo, Utah

GOALS & OBJECTIVES

At the completion of this video presentation, participants should be able to accomplish the following:

1. Discuss the importance of facial esthetic appearance to most patients.
2. Discuss how to determine potential patients for Botox and dermal fillers.
3. Describe the difference between Botox and dermal fillers.
4. Describe the most common uses of Botox.
5. Describe the most common uses of dermal fillers.
6. Discuss smoothing skin wrinkles with Botox.
7. Describe the method to reduce or eliminate “gummy smiles” with dermal fillers.
8. Describe the method to reduce bulging muscles, masseter, when the patient chews.
9. Discuss the ability to reduce bruxism with these materials.
10. Describe the methods to change contours of the face with dermal fillers.
11. Describe how to reduce or eliminate “black triangles” between teeth with dermal fillers.
12. Discuss changing lip contour with dermal fillers.
13. Describe the method to fill in areas of the face where muscles have diminished in size.
14. Discuss reducing or eliminating angular cheilitis with dermal fillers.
15. Discuss how dermal fillers work.
16. Discuss how Botox works.
17. Describe how long Botox treatments last.
18. Describe how long dermal filler treatments last.
19. List potential side effects of Botox and dermal fillers.
20. List contraindications for Botox and dermal fillers.

OVERVIEW

V1570 Botox and Dermal Fillers in Dentistry

This presentation is an introduction to the use of Botox and dermal fillers. It is intended to provide enough information to allow dentists to identify their interest in using Botox and dermal fillers. It is expected that interested dentists will obtain additional information and continuing education to allow them to gain competence in the indications, contraindications, techniques, materials, and side effects.

The following and other topics are included in the video:

- Introduction
- Patient desire for optimum facial esthetics and facial pain relief
- Identifying acceptable patient candidates for treatment
- Difference between Botox and dermal fillers
- Health practitioner involvement in facial esthetics, botulinum toxin, and dermal fillers
- Physiological effects of botulinum toxin (How does it work?)
- Physiological effects of dermal fillers (How do they work?)
- Most common uses of botulinum toxin
- TMJ/bruxism/facial pain/trigger points
- Smoothing skin
- Gummy smile
- Bruxism control
- Shaping the jawline
- Most common uses of dermal fillers in dentistry
- Improve perioral esthetics with nasolabial fold and lip treatment
- Establishing esthetic lip lines and smile lines as alternatives to Gingivectomy, crown lengthening, or veneers
- Eliminating “black triangles” between teeth
- Lip enhancement
- Volumizing midface for smile makeover
- Angular cheilitis
- Informed consent
- Potential side effects
- Contraindications
- Longevity of botulinum toxin treatments
- Longevity of dermal fillers
- Practice management and payment from benefit plans
- Additional educational resources
- Conclusions

SUPPLEMENTAL MATERIALS

V1570 Botox and Dermal Fillers in Dentistry

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7. Kontis TC, Rivkin A: The history of injectable facial fillers, *Facial Plast Surg* 25(2):67-72, 2009. Epub 2009 May.
8. Eppley BL, Dadvand B: Injectable soft-tissue fillers: clinical overview, *Plast Reconstr Surg* 118(4):98e- 106e, 2006.
9. Greco TM, Antunes MB, Yellin SA: Injectable fillers for volume replacement in the aging face, *Facial Plast Surg* 28(1):8-20, 2012. Epub 2012 March 14.
10. Park TH, Seo SW, Kim JK, Chang CH: Clinical experience with hyaluronic acid-filler complications. *J Plast Reconstr Aesthet Surg* 64(7):892-896, 2011. Epub February 9, 2011.
11. Malcmacher L: A Cure-all? The Therapeutic Benefits of Botulinum Toxin Injections, *AGD Impact* 41(1):12-13, January 2013.
12. Malcmacher L: Total Dental Aesthetics, *Dentistry Today* 32(11):134-137, November 2013.
13. Malcmacher L: Why Are You Prescribing Bruxism Appliances? *Dentistry Today* 33(9):126-129, September 2014.
14. Malcmacher L: Feeling Good and Looking Great, *AGD Impact* 41(6):14-15, June 2013.
15. Malcmacher L: FOCUS ON: Myofascial Pain, *Dentistry Today* 32(12):16, December 2013.
16. Malcmacher L: Investing in Injectables, *AGD Impact* 42(9):10-11, September 2014.
17. Aschheim, KW. "Esthetics and Dermatologic Pharmaceuticals." *Esthetic Dentistry, 3rd Edition: A Clinical Approach to Techniques and Materials*. Zev Schulhof. Maryland Heights: Elsevier, Inc., 2015. 486-499. Print.

POST-TEST

V1570 Botox and Dermal Fillers in Dentistry

1. Wrinkles in the facial skin are caused by:
 - a. shrinkage of the facial muscles.
 - b. over-use of the facial muscles.
 - c. active facial muscles causing the skin to fold.
 - d. none of the above.

2. Dermal fillers:
 - a. cause facial muscles to relax.
 - b. cause facial muscles to contract.
 - c. both a and b above.
 - d. fill areas where muscles have shrunken.

3. Botox, botulinum toxin, treatments last for:
 - a. one month.
 - b. several months.
 - c. one year.
 - d. indefinitely.

4. Dermal filler treatments last for:
 - a. one month.
 - b. a few months.
 - c. somewhat longer than Botox treatments.
 - d. none of the above.

5. Forehead wrinkles are usually treated with:
 - a. dermal fillers.
 - b. Botox.
 - c. both dermal fillers and Botox together.
 - d. exercise.

6. Nasolabial folds are usually treated with:
 - a. dermal fillers.
 - b. Botox.
 - c. both Botox and dermal fillers together.
 - d. exercise.

7. Gummy smile patients are treated with:
 - a. Botox.
 - b. dermal fillers.
 - c. exercise.
 - d. none of the above.

POST-TEST (CONT'D)

V1570 Botox and Dermal Fillers in Dentistry

8. Botox works by:
- a. partially killing the muscle, which regenerates later.
 - b. filling the wrinkle with botulinum toxin.
 - c. preventing the release of acetylcholine at the motor end plates.
 - d. causing the muscle to contract filling the muscle.
9. A potential side effect of Botox is:
- a. shrinkage of the affected muscle.
 - b. long-term deactivation of the muscle.
 - c. temporary redness.
 - d. difficulty breathing.
10. Botox treatments should not be provided for:
- a. aged persons.
 - b. men.
 - c. pregnant women.
 - d. people taking aspirin.

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