

BOTX DVD Examination---Answers
TRUE/FALSE
False answers highlighted, corrected in (parentheses)

- 1) T CME hours are not offered, because trade names and trademarks are involved.
- 2) T This is intended for practitioners familiar with general injection techniques & anatomy.
- 3) T Cosmetic Botulinum toxin type A is produced and distributed only by Allergan.
- 4) T It has FDA approval for the glabellar lines; other areas are considered 'off-label' uses.
- 5) T All references in this program are to Botulinum toxin type A only.
- 6) T The terminal of the nerve is the area of binding and action of Botulinum.
- 7) T There is a delay from two days to two weeks for clinical results to be noticed.
- 8) F Botulinum toxin is a neurotoxin produced by an **aerobic** bacterium. (**anaerobic**)
- 9) F **Like Tetanus**, Botulism is a **tonic** paralysis. (**unlike Tetanus, flaccid**)
- 10) F There **are no** medical uses for Botulinum toxin. (**are many**)
- 11) T Remember to outline 'static' and 'dynamic' wrinkles for your patients.
- 12) T Take before and after pictures of your patients.
- 13) F **Dynamic** wrinkles/redundant skin have virtually no response to BOTOX injections. (**Static**)
- 14) F Glogau Type one skin has mostly **static** wrinkles. (**dynamic**)
- 15) T Glogau Type 2 and 3 skin usually responds well to BOTOX injections.
- 16) T The side effect of headache-relief may be the reason that the patient returns to this procedure.
- 17) T The use of BOTOX Cosmetic is compatible with many other types of cosmetic procedures.
- 18) T Large temperature fluctuations of the reconstituted medicine should be avoided.
- 19) T Dilution should be done with single-use, preservative-free saline.
- 20) F One milliliter of saline is **required** for dilution (i.e. 100 units/cc). (**multiple dilutions possible**)
- 21) T Men need more Botulinum than women.
- 22) T The lateral portion of the Frontalis is a lateral brow elevator.

- 23) T The lateral portion of the Obicularis is a lateral brow depressor.
- 24) F One should **simultaneously** paralyze lateral brow depressors & lateral brow elevators. (**rarely**)
- 25) T The cosmetic portions of the nasal elevators are the superior one-third.
- 26) F The use of topical anesthetics (like the brand name cream, EMLA) is **contraindicated. (OK)**
- 27) T Injections are commonly done with 0.5cc, hubless, tuberculin needles (28/30 g and 5/8").
- 28) F Insert the needle about 2/3 the length of a **1-1/2 inch** needle. (**5/8 inch**)
- 29) T The glabellar area should be injected with a minimum of 20 units.
- 30) T Use 20 to 25 units (total) for the whole forehead.
- 31) T For the Frontalis injections, use the superior half of the Frontalis muscle.
- 32) T Some patients get relief of tension headaches from cosmetic injections.
- 33) T There may be three to six Obicularis injections on either side.
- 34) F The middle injection of Obicularis is lateral to the lateral canthus; one **inch** from the orbit(**cm**)
- 35) T Do not inject within the rim of the orbit.
- 36) T Do not inject medial to the colored part of the eye.
- 37) T Do not inject inferior to/below the brow.
- 38) F Subcutaneous injections of botulinum are **ineffective. (effective)**
- 39) T Facial exercises are an effective way to distribute the medicine after injection.
- 40) F The toxin is bound within 4 **minutes** of injection. (**hours**)
- 41) T Know the package insert.
- 42) T Do not inject patients taking anticoagulants.
- 43) T Injections hurt.
- 44) T Aminoglycoside antibiotics may be neurotoxins.
- 45) T Treating facial asymmetry is reserved for the experienced cosmetic expert.
- 46) T For those with Herpes, Acyclovir prophylaxis is prudent.
- 47) T Do not have a "BOTOX Party", if it involves injections.
- 48) T Hyperhidrosis responds to local Botulinum injections.

- 49) T Contact and involve your state board & malpractice company before using this medicine.
- 50) F Lawyers **are not needed** for review of your literature and consents. (**are needed**)

50 ANSWERS to EXAMINATION