

Genesis Biosystems DermaFrac™ Training Test

How to submit:

1. Complete the "Answer Sheet and Contact Information" document (**DFR-EXA-002 Revision A**) by:
 - a. Print out, fill in manually and signing, **OR**
 - b. Fill in electronically, print out and signing.
2. Once completed, send the "Answer Sheet and Contact Information" document by:
 - a. Mail to: Genesis Biosystems, Attn: Testing Coordinator, 1500 Eagle Court, Lewisville, Texas 75057
 - b. Fax to: 972-315-7818.
 - c. Scan and email to: website@genesisbiosystems.com
3. Your test will be graded upon receipt and you will be notified of your test score.
4. A Certificate of Training will be awarded to you based upon a passing test score of 80% or higher.

Multiple Choice Questions (3 points each)

Note: Each multiple choice question shall have only one answer.

1. What is the outermost layer of your client's skin that acts as a protective layer called?
 - a. Dermis
 - b. Epidermis
 - c. Basal Layer
 - d. Reticular Dermis
2. As we age, the Epidermis and the Dermis:
 - a. Get thicker and thicker over time
 - b. Become the same thickness
 - c. Lose their thickness
 - d. Become darker
3. As we age, our skin becomes more lax due to:
 - a. Increased levels of enzymes
 - b. Loss of hair follicles
 - c. Increased collagen levels
 - d. Loss of collagen fibers
4. The Stratum Corneum layer of the epidermis is comprised of:
 - a. 60 to 70 rows of dead skin cells
 - b. 25 to 30 rows of live skin cells
 - c. 25 to 30 rows of dead skin cells
 - d. 10 to 15 rows of dead skin cells
5. Most of our melanocytes reside in:
 - a. The sub-cutaneous tissue
 - b. The stratum corneum layer of the epidermis
 - c. The papillary dermis
 - d. The epidermis
6. DermaFrac infusion works by combining:
 - a. Ultrasound and topical infusion
 - b. High pressure injection in a vacuum chamber
 - c. Micro-channeling with vacuum occlusion and simultaneous topical infusion
 - d. Gentle heating of the skin and simultaneous injection of topical infusion solutions

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7. The DermaFrac delivers infusion solutions to the:
 - a. Reticular layer of the dermis
 - b. Sub-cutaneous layer
 - c. Stratum corneum layer of the epidermis
 - d. Papillary layer of the dermis
8. DermaFrac procedures may be performed on:
 - a. All skin types, at any age
 - b. Only skin types that tan and don't burn when exposed to the sun
 - c. Skin that is acne prone but over the age of 16
 - d. Only skin types that have a rough, scaly surface
9. DermaFrac provides the following 4 infusion solutions:
 - a. Hair regeneration, Hydration, Lightener, Acne
 - b. Peptide, Lightener, Blemish Remover, Deep Cleanser, Hydration
 - c. Anti-Aging Peptide, Lightener, Anti-Oxidant Hydration, Acne
 - d. Cellulite Remover, Hydration, Acne, Hair Removal
10. How many models of crystal-free tip caps are provided for the microdermabrasion hand piece?
 - a. 2
 - b. 4
 - c. 6
 - d. 8
11. How many passes with a hand piece is recommend for a microdermabrasion treatment?
 - a. 6
 - b. 4
 - c. 1
 - d. 3
12. When performing a procedure on a client's neck, you may need to:
 - a. increase vacuum pressure on the machine
 - b. reduce vacuum pressure on the machine
 - c. press as hard as you can on the skin with the hand piece
 - d. do none of the above and continue with the same setting used on all other areas treated
13. The hand piece tubing is connected to the:
 - a. LED wands
 - b. Back of the machine console
 - c. Front of the machine console
 - d. Filter Cartridge
14. When performing a procedure, you should:
 - a. Pinch the skin until it turns pink
 - b. Stretch the skin with your thumb and forefinger
 - c. Pull on the skin with your fingers with an upward motion
 - d. Never touch the skin at all with your hands

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15. The Anti-Aging Peptide infusion plays the following role:
 - a. Decreases collagen and stimulates the healing process
 - b. Moisturizes and exfoliates
 - c. Increases collagen and relaxes facial muscles
 - d. Lightens and moisturizes
16. How many peptides are in the Anti-Aging Peptide infusion solution?
 - a. 5
 - b. 3
 - c. 2
 - d. 1
17. What active ingredient is used in the lightening topical infusion?
 - a. Retin A
 - b. Hydroquinone
 - c. Kojic acid
 - d. Lactic acid
18. The Anti-Oxidant Hydrating solution is designed to provide:
 - a. The HylaSponge delivery of hyaluronic acid and other hydrators
 - b. Saturation of the stratum corneum and subsequent diffusion into the dermis
 - c. Anti-oxidant botanicals that calm the skin
 - d. All of the above
19. The Acne solution features the following active ingredients:
 - a. Retin A and glucosamine
 - b. Glycolic acid and botanical anti-oxidants
 - c. Peptides with anti-fungal additives
 - d. Salicylic and Lactic acid
20. How many treatment cartridges are included in a Patient Treatment Kit (PTK)?
 - a. 2
 - b. 4
 - c. 6
 - d. 5
21. When performing a DermaFrac treatment it is important to:
 - a. Twist the hand piece repeatedly to drive the topical deeper
 - b. Push down hard on the skin while rolling the hand piece
 - c. Maintain a straight motion while rolling the tip cap to avoid streaking the skin
 - d. Never change the vacuum level because every infused area requires the same setting
22. How often should you perform a DermaFrac infusion treatment?
 - a. Every day for the first week
 - b. Every 6-8 weeks
 - c. Every month
 - d. Every 1-2 weeks for 6 treatments

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23. The infusion solution cartridges are designed to treat:
- One side of the face only
 - A full face and neck
 - The forehead of a man
 - A full face, neck and chest
24. The Smooth Applicator tip cap is used for:
- Applying topical infusion solution on skin with active acne
 - The small number of patients that are hyper-sensitive to pain
 - Completion of the infusion treatment after the micro-channel tip cap has been used for a minimum of 2 passes to give the client a soothing experience at the end of the treatment
 - All of the above
25. The DermaFrac infusion treatment may be used as a stand-alone treatment during the summer months without first performing a microdermabrasion peel because:
- The DermaFrac treatment tips don't penetrate deep enough to hit capillaries
 - The stratum corneum of the epidermis is left intact, thereby ensuring the patient is protected from damaging UV rays of the sun
 - The DermaFrac treatment tips don't penetrate deep enough to hit nerve endings
 - The infusion solutions coat the skin with a UVA/UVB SPF 30 sun protectant

Please do not answer questions #26-30 if your DermaFrac system does not include LED wands

26. What is the blue LED used for?
- Erythema
 - Brown Spots
 - Acne
 - Hair removal
27. What is the red LED used for?
- Erythema (redness of the skin)
 - Acne
 - Hair removal
 - Deep wrinkles
28. What is the yellow LED used for?
- Collagen stimulation
 - Hair removal
 - Acne
 - Brown spots
29. The CoolBreeze™ feature on the LED wands is designed to:
- cool the wand and the patient
 - freeze the skin for laser treatments
 - make the patient feel something
 - decrease power

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30. The wavelengths of the blue, yellow and red LED's are
- 240nm, 875nm, 324nm
 - 415nm, 585nm, 627nm
 - 689nm, 429nm, 956nm
 - 1064nm, 876nm, 400nm

True or False Questions (2 points each)

31. Always clean the micro-channel tip cap after a DermaFrac treatment.
- True
 - False
32. Always lift the DermaFrac hand piece at the end of each stroke during a treatment.
- True
 - False
33. Use very quick movements and press the tip cap deep into the skin when performing a DermaFrac treatment.
- True
 - False
34. DermaFrac treatments should only be performed on patients with dark skin to reduce risk of side effects.
- True
 - False
35. A single, crystal-free face or body tip cap can be used on multiple patients for microdermabrasion treatments.
- True
 - False
36. A micro-channel tip cap should be disposed of after the 6th treatment is performed.
- True
 - False
37. Micro-channel rollers with 2mm length needles do not require topical anesthesia
- True
 - False
38. Vacuum occlusion of the skin pulls the skin taut into the tip cap to ensure full penetration of the micro-needles in the tip cap.
- True
 - False
39. The hand piece tip caps on the DermaFrac and microdermabrasion hand pieces install in one direction only to ensure a complete vacuum seal.
- True
 - False
40. Infusion solution cartridges install in one direction in the hand piece to ensure a complete vacuum seal.
- True
 - False