

Overview

This standard is for aesthetic practitioners using advanced micropigmentation design and techniques using a hand tool or device to improve skin condition, simulate, rectify or camouflage features on the face or body. Advanced micropigmentation improves skin condition through skin rejuvenation and scar relaxation techniques and creates effects such as hair follicle simulation, scalp camouflage, simulated areola(s) and freckles. Aesthetic practitioners will be required to develop a design template for the client to demonstrate potential outcomes based on the client's needs. You will also be required to do a post treatment evaluation for continuous improvement of both your delivery and for the client's future needs.

Use advanced micropigmentation techniques

Performance criteria

- You must be able to:*
1. implement consultation, health, safety and hygiene practices throughout the advanced micropigmentation treatment
 2. agree the **treatment objectives** and design template with the client
 3. agree the pain management strategy considering the client's tolerance level, following organisational procedures
 4. magnify and illuminate the treatment area
 5. select the type and size of **needle**, load and use the **equipment** according to the treatment protocol and manufacturers' instructions
 6. select and use colour **pigments** in accordance with the **treatment objectives**
 7. use **implantation** and **treatment techniques** in a way that will create the desired **effects**, following the treatment protocol
 8. check the client's wellbeing and monitor the level of skin reaction throughout the treatment
 9. adapt the treatment to suit the client's needs
 10. implement the correct course of action in the event of an adverse reaction to the treatment
 11. confirm that the finished **effects** meet the treatment plan and the client's satisfaction
 12. take treatment photographic evidence of the treatment area following organisational procedures
 13. complete the client's records and store in accordance with data legislation
 14. use evaluation methods which were agreed within the treatment protocol
 15. collate and record the information gained from client feedback, client records and your own observations
 16. provide verbal and written advice and recommendations to your client regarding the post treatment aftercare
 17. agree any alterations for future treatment with your client and record the outcome of your evaluation

Knowledge and understanding

You need to know and understand:

1. the consultation, health, safety and hygiene requirements when performing an advanced micropigmentation treatment
2. the reasons for agreeing the design template
3. the factors that need to be considered when creating a design template
4. the options for pain management and the potential associated risks
5. the legal requirements and restrictions for sourcing, storing and using topical anaesthetic licensed in the UK
6. why you must magnify and illuminate the treatment area
7. the different types of needle configurations and implantation techniques to create desired effects
8. how to select, mix and test colour pigments to take account of:
 - 8.1 treatment objectives
 - 8.2 **skin classification**
 - 8.3 **skin characteristics**
9. the types, formulations, uses and limitations of pigments when mixed and diluted
10. the safety requirements for pigments including:
 - 10.1 recording pigment batches used
 - 10.2. storage
 - 10.3 material data sheets
 - 10.4 expiry date
11. the principles of colour theory in relation to the pigment selection
12. how colour pigments change throughout the healing process and post healing
13. the application of colour theory to change undesirable colour results after the healing process
14. the selection, use and application of different advanced micropigmentation treatments and equipment
15. why you manipulate the skin to ensure effective pigment implantation
16. the different types of presented conditions that require medical referral prior to the treatment
17. the different types and causes of hypopigmentation conditions that can benefit from micropigmentation

Use advanced micropigmentation techniques

18. the risk associated when performing micropigmentation on vitiligo
19. how skin rejuvenation treatments can be used in conjunction with micropigmentation to maximise treatment results
20. how to recognise the different forms of scar tissue
21. the precautions to performing micropigmentation over atrophy, hypertrophic and keloid scarring
22. the correct treatment techniques to achieve the required depth of colour and pigment distribution
23. how poor treatment techniques impact on the final result
24. the reasons for adapting the treatment to suit the client's physical and psychological needs
25. possible **adverse reactions** which may occur and how to deal with them
26. the different pigment removal techniques and their limitations
27. the effects of laser treatments on pigment within the skin
28. the importance of confirming the finished effects to meet the treatment plan and the client's satisfaction
29. the legal significance of producing photographic evidence of the treatment area
30. the **anatomy** and **physiology** relevant to this standard
31. the different forms of hair growth disorders and how it effects the micropigmentation treatment
32. the legal requirements of completing and storing client records
33. the treatment outcomes expected from an advanced micropigmentation treatment
33. the purpose of evaluation activities
34. how to collate, analyse, summarise and record evaluation feedback in a clear and concise way
35. the aftercare **advice and recommendations** on products and treatment

Scope/range**Additional information**

It is expected that an individual undertaking this standard already has the skills, knowledge and behaviours identified within the aesthetic practitioner's treatment guidance or the aesthetics National Occupational Standards.

The individual is expected to already be able to demonstrate competency in determining the relative (restrictive) and absolute (preventative) contraindications for the aesthetic standards undertaken.

It is expected that this standard is used in conjunction with SKABA1 – Maintain safe, hygienic and effective working practices for aesthetic treatments and SKABA2 – Consult, plan and prepare for aesthetic treatments.

Items listed within the scope/range should be evidenced in line with the specific type of treatment being performed.

Use advanced micropigmentation techniques

**Scope/range related
to performance
criteria**

Treatment objectives

1. defining natural features
2. creating features
3. correcting features
4. improving and balancing features
5. introducing skin colouring

Needle

1. flat
2. magnum
3. round
4. single point
5. sloped
6. micro
7. shaders and liners
8. nano

Equipment

1. hand tool
2. machine

Pigments

1. organic
2. inorganic
3. pigment dilutant

Implantation techniques

1. pointillism
2. pendulum
3. shading
4. obovoid
5. cross-hatching
6. sweep

7. stroke

Treatment techniques

1. three way stretch
2. needle depth
3. speed
4. pressure
5. angle
6. pigment dipping
7. wrist support
8. posture and positioning
9. treatment passes

Effects

1. hair stroke eyebrows
2. shaded eyebrows
3. eye liner
4. eye lash enhancement
5. lip liner
6. lip blush
7. lip shading
8. hair follicle simulation
9. scalp camouflage
10. skin camouflage
11. simulated areola
12. scar relaxation
13. skin rejuvenation
14. freckles

Use advanced micropigmentation techniques

Scope/range related to knowledge and understanding **Skin classification**

1. Fitzpatrick scale
2. Glogau photo-damage

Skin characteristics

1. type
2. underlying skin tone
3. condition
4. disorders

Adverse reactions

1. hyperaemia
2. corneal abrasions
3. migration of pigment
4. blistering
5. excessive discomfort
6. oedema
7. reactions leading to bruising
8. hives
9. dizziness
10. fainting
11. stinging
12. nausea
13. anaphylaxis
14. pain
15. hypertrophic or keloid scars

Anatomy and physiology

1. the structure and functions of the body systems and their interdependence on each other
2. the different types and structure of scar tissue
3. the structure and function of the hair and hair growth cycle
4. the different types of hair growth disorders
5. skin diseases, disorders and conditions

Use advanced micropigmentation techniques

6. the aging process of the skin including the effects of genetics, lifestyle and the environment
7. the skin and wound healing process
8. the location and function of the muscles responsible for facial expression
9. the facial, cranium and anatomical structures
10. the purpose and function of phagocytes and how they affect the pigment

Advice and recommendations

1. the client and practitioner's legal rights and responsibilities
2. treatment maintenance
3. post treatment expectations and associated time frames
4. restrictions and contra-actions
5. additional products and treatments

Glossary

Micropigmentation

Micropigmentation is used to create make up effects to enhance the eyebrows, lips and eyes, through the process of depositing pigment into the upper dermal layers of the skin.

Advanced Micropigmentation procedures can also be used to restore the appearance of brows and lashes lost through alopecia or chemotherapy, camouflage areas of pigmentation loss, scars and burns and improve and remodel scar tissue after surgery of trauma.

Obovoid

An implantation technique used in micropigmentation whereby the pigment is applied in an overlapping circular movement.

Pointillism

An implantation technique used in micropigmentation whereby a surface is covered with tiny dots of colour pigment to create a shaded effect for example lower lash line and the areola.

Scar relaxation

Scar relaxation is a skin needling treatment without the use of pigment, which stimulates the growth of healthy new collagen, smoothing and improving the appearance of scar tissue.

Skin classification

Skin classification can be determined by the level of melanin in the skin and is measured by a numerical Fitzpatrick scale. The Fitzpatrick scale is categorized into three scales, the Ultra Violet Phenotype to determine the skins sensitivity to Ultra Violet, the pigmentary photo-type that determines the skin ethnic colour type and finally the level of risk to skin cancer. The Glogau photo-damage scale is categorized into four levels, the severity of skin damage determines a beauty aesthetic treatment plan. Both methods are commonly integrated within new technologies and devices.

Topical anaesthetic (numbing agent)

This is a cream applied to the surface of the skin as a method of reducing pain. This can be applied prior to and during treatment.

Treatment protocol

A plan, that sets out a device and treatment indication specific protocol, identifying pre-treatment checks and tests, the manner in which the procedure is to be applied, acceptable variations, settings used, the expected outcome and when to modify or abort the treatment.

Use advanced micropigmentation techniques

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