

**Specification of Competency Standards**  
**for the Beauty and Hairdressing Industry**  
**Unit of Competency**

Unit of Competency is applicable across different functional areas

Title	Performing microneedling to improve skin conditions (skin rejuvenation, lightening of spots and tightening of pores)
Code	110405L4
Range	Master the basic operation methods of microneedling instrument, as well as the process and effects of related skin rejuvenation, lightening of spots and tightening of pores, at workplace related to aesthetic procedures.
Level	4
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand and master the basic operating principles and skills of microneedling treatments</p> <ul style="list-style-type: none"> <li>• Understand the operation principles of different types of microneedle instruments, such as: manual, electric, injection and radio frequency, RF microneedle, e.g.: <ul style="list-style-type: none"> <li>○ Apply microneedles (less than 0.3 mm in length): promote the metabolism of the epidermis, rejuvenate the skin and tighten pores</li> <li>○ Apply microneedles (more than 0.3 mm in length but less than or equal to 3 mm): lighten spots and improve acne scars and bumps</li> </ul> </li> <li>• Understand that microneedle treatment has different stages of influence and normal reactions on skin and body tissues, such as wound formation, bleeding and coagulation, inflammation, skin repair, collagen proliferation and soft tissue reorganisation</li> <li>• Understand and utilize the microneedle treatment course and its related complementary treatment course, such as the application and introduction of skin care products</li> </ul> <p>2. Understand and apply the basic skills of microneedling aesthetic instrument</p> <ul style="list-style-type: none"> <li>• Preparation for treatment <ul style="list-style-type: none"> <li>○ Perform safety testing for the instrument in accordance with the regulations on microneedling instrument and the safety guidelines provided by their suppliers</li> <li>○ Perform relevant pre-treatment preparations in accordance with hygiene guidelines</li> <li>○ Evaluate the customer's situation before the treatment, such as contraindications and risks</li> <li>○ Pre-treatment skin care</li> <li>○ Explain to customers about the risks involved in microneedling treatments and sign an agreement with customers to protect the rights and interests of both parties</li> <li>○ Photo record</li> <li>○ Skin cleaning and disinfection</li> <li>○ Pain management, e.g. using over-the-counter painkillers</li> </ul> </li> <li>• Operating skills <ul style="list-style-type: none"> <li>○ Apply aseptic operating techniques (e.g. disinfection of skin and needle head)</li> <li>○ Recognise that there are different skin thicknesses and different puncture depths in different parts of the body, and follow the manufacturer's guidelines to correctly adjust and control the depth of the microneedle puncturing through skin, including but not limited to the following examples: <ul style="list-style-type: none"> <li>▪ Know the depth of needle puncture and use of the power of RF</li> <li>▪ Shallower puncture depth and lower RF power are usually used to lighten dark spots</li> <li>▪ Deeper puncture depth and higher RF power are usually used for skin rejuvenation and tightening of pores</li> </ul> </li> </ul> </li> </ul>

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	<ul style="list-style-type: none"> <li>▪ Unsuitable application location: eyes, all wounds, mucosal areas</li> <li>○ Evaluate the depth of skin puncture and observe the final results of the treatment course</li> <li>○ Understand the importance of recording instrument settings and the progress of related treatment effects, and able to use the recording instrument settings correctly to record treatment effects</li> <li>○ Perform post-treatment care</li> <li>○ Recognise and master the use of appropriate skin care products</li> <li>○ Understand and able to explain to customers how to protect the skin after receiving microneedling aesthetic treatment and the progress of treatment effects</li> <li>○ Understand how to dispose and manage used microneedles</li> <li>○ Follow safety guidelines and seek assistance from medical personnel when necessary</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Capable to master the basic pre-treatment preparations, operation skills and post-treatment care of microneedling aesthetic treatments;</li> <li>• Capable to understand and able to explain to customers on how to protect the skin reactions and effect progress after receiving microneedling aesthetic treatments; and</li> <li>• Capable to understand and master the operation principle of treatment procedures and related treatment skills, and able to correctly perform microneedling in accordance with relevant laws and safety guidelines; and capable to adopt emergency response measures, which includes evaluating the status of the customers who are required to be referred to medical personnel for further handling and treatments, and can provide medical personnel with treatment records and customer status.</li> </ul>
Remark	<p>The credit value of this unit of competency is set on the presumption that the person already possesses the competency of the following units:</p> <ul style="list-style-type: none"> <li>• 106898L1 [Understanding skin structure and common problems]</li> <li>• BEZZCN109A [Understanding basic human structure and physiological system]</li> <li>• BEZZCN210A [Identifying various skin types and how to care for different skin types]</li> <li>• 110394L3 [Operating and maintaining various aesthetic equipment]</li> <li>• 110402L3 [Mastering the basic knowledge of microneedling]</li> <li>• 110403L4 [Mastering the principles and instrument functionality of microneedling (advanced theory)]</li> <li>• 110404L4 [Mastering the risks and precautions of microneedling]</li> <li>• 110390L3 [Understanding the mechanism of using aesthetic products with common aesthetic treatments]</li> </ul>