

Title	Demonstrate knowledge of the structure and functions of a nail, and anatomy and physiology relevant to nail services		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: explain the structure and functions of the skin, and of a nail; and identify the major muscles and bones of the lower arm, hand, lower leg, and foot, and explain their relevance to nail services.
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Classification	Beauty Services > Beauty Therapy
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Available grade	Achieved
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Explanatory notes

None.

Outcomes and evidence requirements

Outcome 1

Explain the structure and functions of the skin.

Evidence requirements

1.1 The structure of the skin is described in terms of its layers.

Range must include but is not limited to –
 epidermis – layers of the epidermis, melanocytes, keratinocytes;
 dermis – arrector pili, blood vessels, collagen and elastic fibres,
 hair follicles, sebaceous glands, sweat glands;
 hypodermis – adipose tissue.

1.2 The structure of the skin is described in terms of the function of each of its parts.

Range sensation, protection, heat regulation, excretion, absorption,
 secretion.

1.3 Desquamation and keratinisation of the skin are described in terms of their role in the maintenance of a healthy epidermis.

Outcome 2

Explain the structure and functions of a nail.

Evidence requirements

2.1 The structure of a nail is described in terms of the function of each of its parts.

Range nail plate, nail bed, hyponychium, nail root/matrix, nail folds (eponychium, paronychium), cuticle, lunula, free edge.

2.2 Nail plate growth is described in terms of influencing factors.

Range must include but is not limited to – health, trauma, medication, diet, infection.

2.3 Keratinisation of the nail is described in terms of its effect.

Outcome 3

Identify the major muscles and bones of the lower arm, hand, lower leg, and foot, and explain their relevance to nail services.

Evidence requirements

3.1 The major muscles and bones of the lower arm and hand are identified in terms of their names and locations.

Range includes but is not limited to – palmar aponeurosis, muscles of the hypothenar eminence, muscles of the thenar eminence, extensor carpi ulnaris, extensor retinaculum, flexor retinaculum, tendon of palmaris.

3.2 The major muscles and bones of the lower leg and foot are identified in terms of their names and locations.

Range includes but is not limited to – gastrocnemius, soleus, tibialis anterior, extensor digitorum longus, peroneus longus, flexor digitorum longus, Achilles tendon.

3.3 The relevance of the major muscles and bones of the lower arm and leg, and hand and foot, to nail services is explained in terms of the performance of massage.

Planned review date	31 December 2020
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 September 2011	31 December 2018
Review	2	21 January 2016	N/A

Consent and Moderation Requirements (CMR) reference	0035
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the NZ Hair and Beauty Industry Training Organisation Inc enquiries@hito.org.nz if you wish to suggest changes to the content of this unit standard.