

Title	Demonstrate knowledge of body systems, and related conditions that may impact on the delivery of beauty therapy services		
Level	5	Credits	7

Purpose	People credited with this unit standard are able to demonstrate knowledge of: the central nervous system, the endocrine system, the reproductive system, the musculoskeletal system, the respiratory system, the circulatory system, and the lymphatic system; and conditions related to each of these body systems that may impact on the delivery of beauty therapy services.
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Classification	Beauty Services > Beauty Therapy
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Available grade	Achieved
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Guidance Information

- 1 Evidence generated during assessment against this unit standard must be consistent with industry practice and the currently accepted body of knowledge relating to conditions and beauty therapy. Such knowledge is available in reference texts, models, and other information-bearing media. No one textbook or other source of information is envisaged, as new approaches to the study of beauty therapy are published regularly.
- 2 Evidence generated during assessment against this unit standard must be consistent with the current edition of The New Zealand Association of Registered Beauty Therapists, *Code of Ethics for Members of The New Zealand Association of Registered Beauty Therapists Inc.* (Auckland, NZ), and The New Zealand Association of Registered Beauty Therapists, *Health and Hygiene Guidelines* (Auckland, NZ), both available from <http://www.beautynz.org.nz>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the central nervous system and related conditions that may impact on the delivery of beauty therapy services.

Performance criteria

- 1.1 Explain the principal functions of the nervous system.

Range central nervous system, autonomic nervous system.

1.2 Explain the principal divisions of the autonomic nervous system.

Range parasymphathetic, symphathetic.

1.3 Identify conditions of the autonomic nervous system that may impact on beauty therapy services, and explain their potential impact.

Range includes but is not limited to – loss of sensation (numbness, tingling, increased sensation (sunburn, over exercised), seizure (epilepsy), multiple sclerosis, sciatica, carpal tunnel syndrome, Bell's palsy, headaches, migraines, stroke, muscular dystrophy, Parkinson's disease.

Outcome 2

Demonstrate knowledge of the endocrine system and related conditions that may impact on the delivery of beauty therapy services.

Performance criteria

2.1 Explain the principal functions of the endocrine system.

2.2 Identify the location of the endocrine glands and describe their structure.

Range pituitary, pineal, thyroid, parathyroid, thymus, pancreas, adrenal, ovary, testes, Islet of Langerhans.

2.3 Identify positive and negative factors that may influence the endocrine system, and explain the potential impact on beauty therapy services.

Range nutrition, stress, exercise, weight, ageing, hormones, disease, genetics, environmental (chemicals).

2.4 Identify conditions of the endocrine system that may impact on beauty therapy services, and explain their potential impact.

Range includes but is not limited to – insomnia (pineal), diabetes (insipidus, mellitus), acne (vulgaris, rosacea), hirsutism, goitre, hyperthyroidism, hypothyroidism, polycystic ovarian syndrome, cellulite, Cushing's syndrome, menopause, Addison's disease (darkened skin).

Outcome 3

Demonstrate knowledge of the reproductive system and related conditions that may impact on the delivery of beauty therapy services.

Performance criteria

3.1 Explain the principal functions of the reproductive system.

3.2 Explain the implications of changes in the reproductive system at different life stages in terms of potential impact on beauty therapy services.

Range puberty, pregnancy, menopause, elderly.

3.3 Identify conditions of the reproductive system that may impact on beauty therapy services, and explain their potential impact.

Range amenorrhoea, dysmenorrhoea, ovarian cysts, pre-menstrual tension, breast cancer, ovarian cancer.

Outcome 4

Demonstrate knowledge of the musculoskeletal system and related conditions that may impact on the delivery of beauty therapy services.

Performance criteria

4.1 Explain the principal functions of the musculoskeletal system.

Range skeleton, muscles, cartilage, tendons, ligaments, joints.

4.2 Explain palpation of the muscles.

Range muscle name and placement, action that the muscle takes on when antagonistic and agonistic.

4.3 Identify synovial joints of the musculoskeletal system, and describe their structure.

Range ball and socket, ellipsoid, plane (or gliding) condyloid, pivot, saddle, hinge, fibrous, cartilaginous.

4.4 Describe the types of massage, motor points and reflex.

4.5 Identify conditions of the musculoskeletal system that may impact on beauty therapy services, and explain their potential impact.

Range loss of mobility, Bell's palsy, stroke, osteoarthritis, rheumatoid arthritis, fibromyalgia, tendonitis, muscular dystrophy, poor muscle tone, muscle spasms, joint strains, muscle strains, impact of any limitation of movement and the managing of this.

Outcome 5

Demonstrate knowledge of the respiratory system and related conditions that may impact on the delivery of beauty therapy services.

Performance criteria

5.1 Explain the principal functions of the respiratory system.

- 5.2 Describe the structure of the respiratory system.
- 5.3 Identify conditions of the respiratory system that may impact on beauty therapy services, and explain their potential impact.
- Range includes but is not limited to – asthma, upper respiratory tract infections (cold), hayfever.

Outcome 6

Demonstrate knowledge of the circulatory system and related conditions that may impact on the delivery of beauty therapy services.

Performance criteria

- 6.1 Explain the principal functions of the circulatory system.
- 6.2 Describe the structure of the circulatory system.
- 6.3 Identify conditions of the circulatory system that may impact on beauty therapy services, and explain their potential impact.
- Range high and low blood pressure, thrombosis, bleeding and bruising (haematoma), varicose veins, telangiectasia, hypertension, hypotension.

Outcome 7

Demonstrate knowledge of the lymphatic system and related conditions that may impact on the delivery of beauty therapy services.

Performance criteria

- 7.1 Explain the principal functions of the lymphatic system are explained.
- 7.2 Describe the structure of the lymph nodes and tissues.
- Range thymus, bone marrow, spleen, tonsils, adenoids, appendix, cistema chyli, inguinal, axillary.
- 7.3 Describe the relationship between the lymphatic system and immunity, and explain its potential impact on beauty therapy services.
- 7.4 Identify conditions of the lymphatic system and the impact they may have on beauty therapy services, and explain their potential impact.
- Range includes but is not limited to – oedema, glandular fever, tonsillitis.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	31 May 2018	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>.

Comments on this unit standard

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