

Unit Title:	Anatomy, Physiology And Pathology For Shiatsu
Unit Level:	Level 4
Unit Credit Value:	12
GLH:	60
LASER Unit Code:	WJG842
Ofqual Unit Code:	M/618/0170

This unit has 8 learning outcomes.

Learning Outcome (The Learner will):		Assessment Criteria (The Learner can):	
1.	Understand the interaction of physiological processes and systems in relation to delivery of Shiatsu	1.1	Analyse how body systems interact with one another and the implications for delivery of Shiatsu
		1.2	Analyse how organ systems relate to one another to maintain homeostasis or the dynamic equilibrium within the body
2.	Understand the structure and functions of the major physiological systems in relation to delivery of Shiatsu	2.1	Analyse the structure and functions of the endocrine system in relation to delivery of Shiatsu to include: a) major glands in the endocrine system b) hormones
		2.2	Analyse the structure and functions of the respiratory system in relation to delivery of Shiatsu to include: a) location, function and structure of the lungs b) main muscles involved in breathing c) the passage of air through the respiratory tract d) the process of gaseous exchange of oxygen and carbon dioxide in the lungs
		2.3	Analyse the structure and functions of the digestive and excretory systems in relation to delivery of Shiatsu
		2.4	Analyse the structure and functions of the reproductive system in relation to delivery of Shiatsu
		2.5	Analyse the structure and functions of the cardiovascular system in relation to delivery of Shiatsu to include: a) location, function and structure of the heart b) how blood moves through the four chambers of the heart c) systemic and pulmonary circulation d) structure and functions of blood vessels

			<p>e) blood pressure, blood pressure classifications and associated health risks</p> <p>f) the effect of disease processes on the structure and function of blood vessels</p>
		2.6	Analyse the structure and functions of the renal system in relation to delivery of Shiatsu
		2.7	Analyse the structure and functions of the integumentary system in relation to delivery of Shiatsu
		2.8	Analyse the structure and functions of the lymphatic and immune systems in relation to delivery of Shiatsu
		2.9	<p>Analyse the structure and functions of the nervous system and sensory organs in relation to delivery of Shiatsu to include:</p> <p>a) Specific roles of:</p> <ul style="list-style-type: none"> <li>• the central nervous system (CNS)</li> <li>• the peripheral nervous system (PNS) including somatic and autonomic systems</li> </ul> <p>b) nervous control and transmission of a nervous impulse</p> <p>c) structure and function of a neuron</p>
3.	Understand the structure and functions of the skeletal system in relation to delivery of Shiatsu	3.1	<p>Analyse the structure and functions of the skeletal system in relation to delivery of Shiatsu to include:</p> <p>a) functions of the skeleton</p> <p>b) structures of the axial skeleton</p> <p>c) structures of the appendicular skeleton</p> <p>d) posture in terms of:</p> <ul style="list-style-type: none"> <li>• curves of the spine</li> <li>• neutral spine alignment</li> <li>• potential ranges of motion of the spine</li> </ul> <p>e) postural deviations to include kyphosis, lordosis, scoliosis and the effect of pregnancy</p>
4.	Understand the structure and functions of joints in the body in relation to delivery of Shiatsu	4.1	<p>Analyse the structure and functions of joints in the body in relation to delivery of Shiatsu to include:</p> <p>a) classification of joints</p> <p>b) structure of synovial joints</p> <p>c) types of synovial joints and their range of motion</p> <p>d) joint movement potential, joint actions and injury risk</p>

5.	Understand the muscular system in relation to delivery of Shiatsu	5.1	Analyse the muscular system in relation to delivery of Shiatsu to include: a) characteristics and functions of the three types of muscle tissue b) structure of skeletal muscle c) name, location and function of major superficial anterior and posterior muscles d) name, location and function of the deep hip and shoulder muscles including the Psoas muscle e) structure and function of the pelvic floor muscles f) different types of muscle action g) joint actions brought about by specific muscle group contractions
6.	Understand connective tissue in relation to delivery of Shiatsu	6.1	Explain the role, structure and function of the fascia in relation to delivery of Shiatsu
		6.2	Explain the concept of bio-tensegrity in relation to delivery of Shiatsu
7.	Understand how to research conditions/diseases in relation to Shiatsu	7.1	Explain how to conduct research in relation to best practice and current guidelines on Shiatsu
		7.2	Explain how to source reputable information about the aetiology and clinical features of a range of common conditions/diseases in relation to Shiatsu
		7.3	Explain the significance of the term 'evidence-based' research in relation to delivery of Shiatsu and any advice/recommendations provided to clients
8.	Be able to research conditions/diseases in relation to Shiatsu	8.1	Document the latest evidence-based research and best practice guidelines in relation to a chosen system or style of Shiatsu
		8.2	Use reputable sources to research the aetiology and clinical features of a range of common conditions/diseases in relation to delivery of Shiatsu
		8.3	Produce case notes/client histories documenting research into conditions/diseases present and potential impact in relation to Shiatsu

**Assessment Guidance:**

This unit must be assessed according to the LASER Level 4 Diploma in Shiatsu qualification specification.

**Additional Information:**

NA