



## THE AUSTRALIAN COLLEGE OF EASTERN MEDICINE

### **Student Unit Guide** **ACEMAP**

### **Unit 5 Anatomy and Physiology** **Unit Duration 300 hours**

**Mode of Delivery** A combination of on and off campus training, including home based study, tutorials and practical demonstrations.

**Senior Lecturer** Thomas Ebejer

### **Unit Aim**

This subject details all aspects of human anatomy and physiology for acupuncturists. Included in this subject is the superficial anatomy of bones, muscles, joints and major neuromuscular structures.

Basic functional anatomy of major joints is included.

### **Learning Outcomes**

On successful completion of this unit, students will be able to:

- a. Use anatomical terminologies in describing joint movement and body part location.
- b. Describe the anatomy and physiology of joints.
- c. Describe the attachments, relationships and actions of superficial muscles
- d. Describe the location of major neurovascular structures.
- e. Locate bony landmarks and superficial muscles on a range of body shapes and sizes showing due respect for privacy.
- f. Understand the main physiological functions occurring in the human body including cellular, hormonal, neurological and circulatory.

## Session Plans

|    |   |
|----|---|
| 1  | The cell, tissues   |
| 2  | Bones, the axial skeleton, the appendicular skeleton            |
| 3  | Joints, muscle tissues  |
| 4  | Head and trunk muscles  |
| 5  | Muscles of the limbs  |
| 6  | Nerves, the nervous system, autonomic nerves                    |
| 7  | Sensory perception, Hormones , blood, the heart , blood vessels |
| 8  | Lymph, fighting disease, respiration                            |
| 9  | Digestion and absorption  |
| 10 | Metabolism, urinary system                                      |
| 11 | Body fluids, reproduction                                       |
| 12 | Pregnancy and development                                       |
| 13 | Heredity  |

## Assessment Requirements

| Assessment  | Weighting                       |
|---|---------------------------------|
| 1. Written closed book examination ( 3 separate closed book examinations) | 75%                             |
| 2. Practical Demonstration of the location of anatomical structures .     | 25%                             |
| <b>80% attendance and active participation</b>                            | <b>Competent /Non Competent</b> |

**Students will be expected to participate as both client and practitioner to achieve a pass in this subject**

## References

Human Anatomy and Physiology *Marieb & Katja Hoehn*