

MChiro Year 2 - Introduction

In your second year the course will begin to focus more on clinical skills development. You will integrate knowledge from the informing science disciplines with the knowledge and skills of diagnostic and therapeutic disciplines, as is necessary for the safe and competent practice of chiropractic. You will be exposed to normal and abnormal states of health, diagnosis and management through a blended-learning approach, whilst clinical skills will be developed and refined primarily through practical workshops.

UNIT 5001 - CLINICAL CHIROPRACTIC II

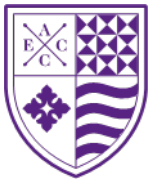
This unit aims to provide you with the opportunity to develop your adjustment procedures incorporating the full spine, traction-leverage moves and mobilisation techniques. The student is taught adjustive setup procedures covering cervical, thoracic lumbar, and pelvic areas of the spine and extremity joints. During the practical skills classes you will develop your psychomotor skills and technical competencies required to perform therapeutic manipulative techniques of both the spine and extremities. You will develop your chiropractic skills in a variety of evidence-based chiropractic disciplines. During this unit you will learn and have an understanding of clinical biomechanics and neuromuscular aspects of the spine and extremities. Definitions of terms and points of reference that are used in manipulative techniques. Principles relating to the understanding of technique will be taught with the emphasis on intersegmental principles and how it relates to therapeutic manipulation and mobilisation.

UNIT 5002 - EVIDENCE BASED CLINICAL REASONING II

This unit aims further develop your clinical thinking, problem-solving, and evidence-informed practice skills. It will provide you with learning opportunities to develop an effective approach to problem solving, skills of clinical reasoning, the management of uncertainty. You will be provided with an environment that promotes contextualised, authentic, deep learning and authentic learning opportunities for you to apply knowledge, concepts, and principles to a range of clinical and real-world scenarios some of which you may not have previously encountered. Further development of your evidence-informed practice and research skills will include finding research evidence, critical appraisal, and application to clinical practice. This unit will allow you to cultivate a collaborative approach to learning and develop your abilities to communicate information, arguments, and analysis to a variety of audiences.

UNIT 5003 - DIAGNOSIS I

This unit aims enable you to acquire and demonstrate a knowledge base in anatomy, physiology, and visceral pathology, as well as the clinical presentations of visceral disorders. This unit will provide you with the clinical presentations of visceral disorders, which will enable you to provide proper chiropractic care and/or referral when indicated. With the help of tutors, you will improve your history taking and physical examination skill. You will learn the clinical assessment of visceral disorders, and interpret, appropriately, the information gathered pertinent to the topic. You will develop your ability to critical think and decision making, in order to triage patients and generate a justifiable formulate differential diagnosis based on



relevant initial data and modify, reject or prioritise the differential in light of new or further information.

UNIT 5004 - DIAGNOSIS II

This unit aims to enable you to acquire and demonstrate a knowledge base in anatomy, physiology, and nervous system pathology, as well as the clinical presentations of neurological disorders, dizziness and headaches. This unit will provide you with the clinical presentations of neurological disorders, which will enable the student to provide proper chiropractic care and/or referral when indicated. You will learn to recognise the signs, symptoms, and pathophysiology associated with diverse disorders of the nervous system, including biomechanical, congenital, infectious, metabolic, toxic and degenerative conditions are delineated in this course.

UNIT 5005 - HUMAN STRUCTURE AND FUNCTION III

This unit aims to develop your understanding of the gross and functional anatomy of the head, neck and nervous system (central and peripheral). You will be introduced to the clinical consequences of injury to the head, neck and nervous system. You will learn to intergrate your knowledge of normal 3-dimensional anatomy, biomechanics and how this relates to 2 dimensional images of the head, neck and nervous system. You will use anatomical and biomechanical knowledge of normal structure and begin to develop the ability to describe clinical states using investigative imaging.

UNIT 5006 – HUMAN DYSFUNCTION

This unit aims to enable you to develop an integrated approach to clinical pathology (with an emphasis on clinical relevance), incorporating abnormal physiology as needed to support the understanding of pathology. In so this will help to develop your understanding of the physiology and clinical pathology of the skin, gastrointestinal, respiratory, cardiovascular, renal, reproductive, central nervous system (CNS) and endocrine systems. Your understanding of clinical pathology and aging on the CNS, bone, joints, tendons and muscles, with an emphasis on the arthritides that effect the spine and extremities will be developed and you will be provided with an opportunity to apply your knowledge of clinical pathology through the use of clinical scenarios to highlight pathophysiology and emphasize the clinical relevance.