

Headache Disorders Module

Module Title	Headache Disorders
Module Number	2
Module ECTS	10
Module Code	TBC
Module Delivery	12 weeks
Module Coordinator	Dr Dermot Canavan
Teaching Staff	Prof Glenn Clark USC Prof. Mariela Padilla and Dr. Kamal Al-Eryani USC Dr Dermot Canavan, Assistant Professor, Trinity Dr Philip Hardy, Assistant Professor, Trinity Dr Michael O’Sullivan, Associate Professor, Trinity
Module Content	<p>Lectures topics will include:</p> <ul style="list-style-type: none"> - Headache Classification Epidemiology - Red Flag Headaches - Diagnosis and Mechanism Episodic Tension-Type Headache - Diagnosis and Mechanism of Migraine - Diagnosis and Mechanism of Trigeminal Autonomic Cephalgias - Diagnosis and Mechanism of Chronic Daily Headaches - Secondary Headaches - Diagnosis Diagnostic Tests for Headaches - Treatment of Episodic TTHA - Episodic Abortive Migraine Treatment - Episodic Trigeminal Autonomic Cephalgia Treatment - Pharmacologic Treatment for Chronic Daily Headache - Treatment Physical Med and Nutraceuticals for Chronic Daily Headache - Behavioural Treatment for Headaches <p>Hands on training (bootcamp) in Trinity will cover the following areas:</p> <ol style="list-style-type: none"> 1. Diagnostic Procedures <ul style="list-style-type: none"> - Ordering MRIs and other Diagnostic Tests for Headache - Cranial Nerve Examination - Ophthalmoscope Examination 2. Patient Instructions and Explanations in Orofacial Pain <ul style="list-style-type: none"> - Giving the Neuropathic Pain patient with secondary HA Instructions - Giving the Pharmacophobia and Nocebo Prone Patient Instructions - Giving Medication Withdrawal Instructions 3. Prescriptions used in Headaches management <ul style="list-style-type: none"> - Rx: Episodic Headache Abortive Medications - Rx: Chronic Daily Headache Preventive Medications - Rx: Nutraceuticals and Vitamins for CDH/Pain 4. Injection based Therapeutic procedures <ul style="list-style-type: none"> - Botulinum-A for Pain and Spasm and Headache
Module Learning Outcomes	On successful completion of the module, the student should be able to: M2-01. Perform, record and summarize the findings from a comprehensive medical history and physical examination including but not limited to extraoral, intraoral, pharyngeal, craniocervical, maxillofacial soft and osseous tissues, neurologic, lymphatic, salivary and TMJ regions with regard to pain, dysfunction and pathology.

	<p>M2-02. Explain the clues on a medical workup that indicate organic brain disease or other critical, acute and potentially life-threatening headaches.</p> <p>M2-03. Explain general pharmacologic principles and describe specific pharmaco-therapeutic classes of drugs used in the treatment of headaches</p> <p>M2-04. Explain the classification, epidemiology, aetiology, mechanism and natural history of the headache.</p> <p>M2-05. Explain drug withdrawal and simultaneous preventive medication titration in a chronic daily headache patient. (P)</p>
Module Assessment	<ol style="list-style-type: none"> 1. Written assignments. Asynchronous interactive (embedded quizzes and hotspots) video lectures and post-lecture quizzes, final course examination and written homework assignments (30%) (formative). 2. Practical assignments. Year-end Objective Structured Clinical Examinations given in the summer bootcamp (30%) (summative). 3. Case study analysis. Weekly Live Video Conferences (seminar participation) 40% (formative).