

Module Submission Document for

B94027 Contemporary Practices in Injection Therapy (Upper Limb)

Total Credits: 20

Level 4

Status: Live

Taught Semesters and Assessment Period:

02.03.2020

03.03.2020

09.03.2020

10.03.2020

16.03.2020

17.03.2020

27.04.2020

28.04.2020

Session Availability: Taught every year

Prerequisite(s):

Students must be show evidence of advanced practitioner level anatomy, musculoskeletal assessment, clinical reasoning and differential diagnosis skills. Evidence will be provide in the form of 2 sealed anonymous references from their employer and /or qualified practitioners.

Corequisite(s):

Expected Number of Students Taking Module: 24

Is This a Cap?: Y

Restriction for Cap: Number of students that can be safely supported during practical sessions by 2 lecturers

Target Students: medical practitioners and nonmedical practitioners who have approval from their appropriate regulatory body and/or employer practising in the field of benign upper limb neuromusculoskeletal disorders or other acceptable related field.

Summary of Content: This module will examine and evaluate the theoretical principles underpinning contemporary practices in injection therapy. Emphasis will be on pharmacology, patient selection and the application of injection therapy for patients with upper limb benign musculoskeletal disorders. The

conceptual basis of the therapy will be explored and a review of the literature undertaken based on documented research evidence. The practical focus will be on the enhancement and development of psychomotor, communication and presentation skills.

Assessment Details:

Assessment Type	Percentage	Requirements	Length
Exam 1	50%	Practical examination : injection technique joint.	1 Hour
Coursework 1	0%	One injection log sheet for minimum of 10injections.	
Coursework 2	50%	3,000 word case study.	

Module Convenor: Dr C Diver, Health Sciences

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Relationship Subject School Percentage of Contribution is administered by
Physiotherapy Health Sciences 100%

Aims: The module aims to advance the students' knowledge of the theoretical bases pertaining to injection therapy in the management of upper limb musculoskeletal (MSK) disorders. It aims to develop the students' ability to evaluate the evidence upon which established practices are based. It aims to facilitate the anatomical and clinical reasoning skills that underpin injection therapy. It aims to develop students psychomotor skills and the safe practice of injection techniques.

Learning Outcomes: The students should be able to: Discuss the evidence for injection therapy in the management of upper limb MSK disorders; Explain the pharmacology of drugs commonly used in injection therapy; State the indications, contraindications and side effects of injection therapy; Understand and interpret examination findings of patients presenting with upper limb musculoskeletal disorders, in the selection of injection therapy as a preferred treatment option; Clearly define the appropriate aftercare for patients receiving injection therapy; Intellectual Skills The student should be able to:

- Demonstrate advanced clinical reasoning through a synthesis of practical, theoretical and experiential learning;
- Critically evaluate accepted theories and practice surrounding injection therapy;
- Reflect on, and evaluate, ones own abilities and the impact of the module on clinical practice;
- Analyse and interpret research findings in the management of patients, with upper limb musculoskeletal dysfunction, with injection therapy;
- Professional Practical Skills

The student should be able to:

- Administer upper limb corticosteroid and local anaesthetic peripheral intraand extraarticular injections safely and effectively;
- Perform joint aspiration safely and effectively;
- Be able to manage side effects of injection therapy safely and effectively;
- Communicate using written, verbal and nonverbal modes;
- Use information technology to identify and access information.

Transferable (key) Skills The student should be able to: Demonstrate time management and workload planning; Use information technology to search for relevant literature, source information and prepare presentations; Demonstrate the application of a variety of communication skills e.g. patient interaction, presentations, written reports; Display skills of critical analysis, problem solving and reflective practice.