Pathology & management of diabetic foot disease

This module provides an examination of current evidence for the management and prevention of diabetic foot complications in the light of a growing body of literature National and International Guidelines. Skills in the assessment of the diabetic foot and lower limb will be developed and the relationships between the triad of diabetic foot disease (ischemia, neuropathy and infection) will be examined in detail and the current evidence relating to management discussed.

Dates: 5 – 9 October 2015
Credits: 30 credit points at level 7 (masters level)
The total number of student effort hours for the module is 300.

Introduction
This module aims to provide students with the specialist theoretical knowledge and clinical skills to assess the person with diabetic foot disease and then identify and formulate care plans for this group of patients, with emphasis on multidisciplinary teamwork and timely specialist referral.

Who should attend?
Clinicians who wish to enhance their knowledge of diabetic foot disease. Those who wish to obtain a Postgraduate Certificate/Diploma/MSc Lower Limb Preservation in Diabetes.

Course content
- The disease processes associated with the diabetic foot, including the co-morbidities of vascular disease and renal disease.
- The challenges of infection – diagnosis and management.
- The clinical assessment, treatment and management of this diverse patient group.
- The relationships between the triad of diabetic foot disease (ischaemia, neuropathy and infection), relating this to clinical practice.
- The health economics of these clinical decisions will be critically reviewed and evaluated.
- Specific conditions such as Charcot Neuroarthropathy, diabetic painful neuropathy and dermatological conditions.
- The psychosocial effects of diabetic foot disease.
- Pathomechanics, Offloading and footwear.
- The amputee.
- Current guidelines for management of the Diabetic Foot.

The content and delivery will be directed by current research and thinking with regard to the management of this group of patients.

100% Coursework
Coursework 1: 100%
This will be a review of the literature on a specific topic relating to diabetic foot disease. This piece of work will involve critical appraisal of current research in this area. This piece of work has a 6000 word limit.

Coursework 2: Reflection (pass/fail)
As part of the assessment strategy throughout the MSc in Advancing Practice the students will be expected to produce a short piece of work reflecting on the learning achieved and how this has impacted on their patient/client interaction (500 words).

Further information
Module/Course Co-ordinator jh.cundell@ulster.ac.uk
Module Code – POD810 CRN-10757

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