



CPD MODULE: An Introduction to Neurodegenerative Diseases

Module Handbook

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CPD Module Aims and Objectives

This module will introduce you to the following neurodegenerative diseases from the clinical perspectives of both medical and nursing expertise:

- Motor Neurone Disease
- Parkinson's Disease
- Multiple Sclerosis
- Cognition and Neurodegeneration

We will not only look at the similarities between these neurodegenerative diseases but you will also explore the clinical base of knowledge encompassing causes, symptoms, progression and current therapeutic strategies. Finally, you will also be introduced to the perspectives seen and dealt with by the nurses as they deal with the patients following their diagnosis

You will learn about:

- symptoms of these neurodegenerative diseases
- what cells and regions are affected and potential mechanisms of disease progression
- Therapies and their effectiveness
- Nursing perspectives

Learning Outcomes

We are basing the learning outcomes under the SCQF regime and each learning outcome (LO) falls into one of five characteristics:

1. knowledge and understanding (mainly subject-based);
2. practice (applied knowledge and understanding);
3. generic cognitive skills (e.g. evaluation, critical analysis);
4. communication, numeracy and IT skills; and
5. autonomy, accountability and working with others.

Upon completion of this module the student should be able to:

- Demonstrate a critical understanding of multiple neurodegenerative diseases, with respect to the scientific and clinical settings (LO 1, 4)
- Understand and compare the impact/consequences of these diseases on patients in the clinical setting (LO 1-5)
- Evaluate, criticise and appraise the literature around this topic (LO 4 & 5)
- Communicate and engage with the course's concepts and principles with others out with their own field (LO 4 & 5)

	Topics
1	General Module introduction: <ol style="list-style-type: none"> 1. Welcome and Hello 2. Recap/Introduction of the Central Nervous System
2	MND: <ol style="list-style-type: none"> 1. MND - clinical perspective 2. MND - nursing perspective
3	PD: <ol style="list-style-type: none"> 1. PD - clinical perspective 2. PD - nursing perspective
4	MS: <ol style="list-style-type: none"> 1. MS - clinical perspective 2. MS - nursing perspective
5	Cognition & Neurodegeneration: <ol style="list-style-type: none"> 1. Cognition & Neurodegeneration part 1 2. Cognition & Neurodegeneration part 2 3. Cognition & Neurodegeneration part 3
6	Voice Banking

Assessment for this Module

You are expected to write a reflective piece of work based on your experiences from this module alone. With this in mind you are asked to reflect how the material presented over the course of this module will assist you in your future development and progression.

This piece of reflective writing should demonstrate how the material presented to you will assist you. With this in mind you need to demonstrate:

1. Communication Skills – reflect on how the material has impacted or maybe how you might communicate the knowledge gained to both peers and laypeople
2. Engagement Skills – reflect upon how you engaged with the material or it added to or didn't impact your knowledge base already
3. Evaluation – reflect upon the material, demonstrating the knowledge acquired and evaluate how it could be used to aid your everyday work or interactions outside the work environment

You will find a link on the Learn page for this assessment with details on how and where to submit it as well as containing useful information regarding reflective writing and there is also a short, unrelated exemplar for you as well to demonstrate what we are looking for.

This piece of reflective writing should be between 500-1000 words.

Recommended Reading

Each lecture will contain specific references. Interacting with lecture materials is vital for developing your understanding of the literature supporting each area. Students are not expected to read every reference given but should focus on specific areas of interest and read about those areas in much greater depth. Please do remember the reference list at the end of every paper.

The majority of papers should be available as pdfs online via the University of Edinburgh library (electronic journals) and/or PubMed