

Course concept: overview

This programme examines clinical assessment through management at each stage of the life-course of dementia (pre-clinical to advanced stage dementia). It has a strong clinical focus, including an introduction to clinical tools that can be practically applied. The goal is to enhance clinicians' daily practice and deepen understanding of recent updates in the field of Alzheimer's disease and other dementias.

This newly designed programme reflects learners' need to become updated with the changing clinical landscape in dementia prevention, diagnosis, and management.

Module 1: Didactic teaching and case-based discussion

Day 1:

The focus will be on **practical assessment and diagnosis**, through the lens of typical and atypical clinical phenotypes. It will include updates on the practical use of biomarkers and assessment tools.

Day 2

The focus will be on management across the **life course of dementia**, including risk modification and brain health promotion in the pre-dementia stage, prodromal secondary prevention and MCI brain health clinic models, disease modification in early-stage dementia, followed by symptomatic management. We will also introduce advance stage management, including residential and palliative care approaches.

Module 2: Project presentations and understanding clinical complexities via case-based discussion

Here we will undertake case-based discussions centred around complex issues or specific challenges in dementia. Topics may include driving, supporting families, hearing and vision, neuropsychology, testing, brain health clinics, advocacy, sexuality, young-onset dementia, young carers, disclosing genetic risk, LGBT and dementia, BAME issues, dementia mimics, rarer forms of dementia including rapidly progressive.

Day 3:

Delegates will present their Quality Improvement projects

We will engage in interactive discussions around some of the themes outlined above.

Day 4:

We will continue complex case-based discussions, around the remaining themes.

Target audience

- Consultants in elderly medicine, old age psychiatry, or neurology (ST7 to fully trained),
- GPs
- Band 6 or above community or specialist nurses
- Band 6 or above neurorehabilitation therapists (speech and language, neurophysio, dietician, occupational therapist)
- Neuropsychologists (trainee or newly trained)
- Clinical fellows
- Clinical lecturers
- Specialist pharmacists

Pre-Recorded Sessions

Biology of neurodegeneration - basic protein misfolding

Prof Peter Passmore, Professor of Ageing & Geriatric Medicine, Queen's University Belfast

Day 1: Thursday, 20 October 2022

08:45 Registration

09:10 Welcome and setting the scene

Prof Iracema Leroi, Associate Professor of Geriatric Psychiatry, Trinity College Dublin

- Housekeeping
- The changing landscape for dementia and brain health

09:30 Background and introduction to dementia

Prof Seán Kennelly, Consultant Geriatrician, Tallaght University Hospital

- What is dementia?
- Presentation of the clinical syndrome (preclinical/prodromal/dementia)
- Stages of dementia
- Epidemiology

10:30 Coffee break

11:00 Basic neurosciences

Dr Liam Kennedy, Senior Registrar Old Age Psychiatry, St. Vincent's Healthcare Group

- Neuropathology
- The biology of neurodegeneration

11:45 Introduction to cognitive domains and neuropsychological testing

Dr Vickie Campbell-Hemming, Consultant Clinical Psychologist, Bradford District Care Foundation Trust

- Introduction to neuropsychological domains important in dementia assessments
- Neuropsychology in the clinical setting – selection and application of cognitive assessment tools

13:00 Lunch

14:00 Assessment approaches to typical and atypical clinical Phenotypes (case-based)

All Faculty and room discussion

Table discussion, Feedback, Topic Slides

- Amnesic cognitive impairment (i.e. 'typical') presentation
Dr Gregor Russell, Consultant Old Age Psychiatrist, Bradford District NHS Foundation Trust
- Non-amnesic cognitive impairment presentation
Prof Seán Kennelly
- Motor and cognitive impairment presentation
Dr Seán O'Dowd, Consultant Neurologist, Tallaght University Hospital Dublin

Practical Dementia Diagnosis and Care MasterClass 7

20 & 21 October 2022, Halifax Hall, Sheffield

- Language impairment predominant presentation
Lisa Sheridan, Speech and Language Therapist, Tallaght University Hospital
- Behaviour predominant presentation
Prof Iracema Leroi

17:30 **End of day round up**
Prof Iracema Leroi

17:40 **Sessions closed**

19:00 **Pre-Dinner Drinks**

19:30 **Informal dinner and networking (Dining Room)**

Day 2: Friday, 21 October 2022

08:00 **Registration**

08:15 **Welcome**
Dr Gregor Russell

Management across the lifespan of dementia

08:30 **Primary prevention: introduction**

Exploring cases: Case: A middle-aged woman with a family history of Alzheimer disease

1. Prevention and risk factor

Dr Sarah Fox, Senior Fellow, Greater Manchester Integrated Care Partnership

2. Brain health promotion and associated services - panel discussion

Dr Chineze Ivense, Consultant Old Age Psychiatrist & Dr Marc Edwards, SpR Neurology & Lucy Pitt, Older Adult Mental Health Research/Memory Nurse, Aneurin Bevan University Health Board & Dr Yaohua Chen, Neurologist, Geriatrician, University of Lille

10:00 **Refreshments**

10:30 **Prodromal/secondary prevention : introduction**

Dr Liz Coulthard, Associate Professor in Dementia Neurology, University of Bristol

Exploring cases:

1. MCI – today and in the future

2. Newer therapies, including DMT's (case study)

Case: 67 year old retired man with early memory and cognitive changes

12:00 **Lunch**

13:00 Early dementia: introduction (30 mins per case)

Exploring cases:

- 1. Symptomatic therapy case 1 - Typical amnesic Alzheimer's**
Prof Iracema Leroi
- 2. Symptomatic case 2 - Parkinson's disease dementia / Lewy body dementia**
Dr Seán O'Dowd
- 3. Symptomatic case 3 - Vascular dementia**
Dr Yaohua Chen
- 4. BPSD mini-cases**
Dr Gregor Russell

15:00 Refreshments

15:30 Management in a hospital setting; delirium and liaison issues (TBC)

A deep dives

Prof Emma Vardy, Consultant Geriatrician, Northern Care Alliance NHS Foundation Trust

16:15 Complex case

Dr Yaohua Chen

17:15 Quality improvement project introduction

Prof Iracema Leroi

17:30 End of day

Prof Iracema Leroi

17:45 Closing remarks & Depart