



Dementia MasterClass 8.1

(Practical dementia diagnosis and care)

Module 1: 26th & 27th of September 2024 - Halifax Hall, Sheffield

Pre-recorded sessions

- **Biology of neurodegeneration - basic protein misfolding**

Prof Peter Passmore, professor of ageing & geriatric medicine, Queen's University Belfast

Day 1: Thursday, 26th September 2024

10:00 Registration

10:30 Welcome and setting the scene

Prof Iracema Leroi, professor in geriatric psychiatry, Trinity College Dublin

- Housekeeping
- The changing landscape for dementia and brain health

10:50 Background and introduction to dementia

Dr Dan Blackburn, senior lecturer and honorary consultant neurologist, Sheffield Institute for Translational Neuroscience

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

12:00 Introduction to the neuropathology of dementia

Dr Liam Kennedy, senior registrar old age psychiatry, St. Vincent's Healthcare Group

- Neuropathology of neurodegeneration
- The new biological classification of Alzheimer's
- Role of biomarkers and relation to underlying neuropathology

13:00 Lunch



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14:00 Diagnosis of typical and atypical clinical phenotypes (case-based)

All Faculty and room discussion

Table discussion, feedback, topic slides

- **Subjective cognitive decline - include new criteria and distinguishing from non degenerative**

Case: a middle-aged woman with no cognitive impairment and a family history of Alzheimer's disease

Dr Marc Edwards, consultant neurologist, Cardiff & Vale University Health Board

- **Amnesic cognitive impairment (i.e. 'typical') presentation**

Dr Gregor Russell, consultant old age psychiatrist, Bradford District NHS Foundation Trust

- **Non-amnesic cognitive impairment presentation**

Dr Dan Blackburn

15:30 Refreshment break

16:00 Diagnosis of typical and atypical clinical phenotypes (case-based) continued...

- **Language impairment predominant presentation**

Dr Richard Bevan-Jones, academic clinical lecturer in neurology & honorary specialty registrar, University of Sheffield & Sheffield Teaching Hospitals NHS Foundation Trust

- **Motor and cognitive impairment presentation**

Dr Adam Roche, geriatrics registrar and lecturer, Trinity College Dublin

- **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

This meeting has been part funded by sponsorship from Eisai Limited. The sponsor did not initiate this meeting, nor has Eisai had any input into the organisation or educational content of this meeting.

Day 2: Friday, 27th September 2024

08:00 Registration**08:30 Welcome**

Dr Gregor Russell

08:40 Management across the lifespan of cognitive neurodegeneration – exploring cases**1. Pre-symptomatic case: what are the risk factors for dementia and what evidence supports prevention?**

Case: 58 year old woman, ApoE4 positive, mother and sister have Alzheimer's disease

Dr Marc Edwards

2. Symptomatic therapy case 1: early-stage cognitive impairment (MCI)

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

Dr Gregor Russell

- New and future therapies for Alzheimer's disease

3. Symptomatic therapy case 1: typical amnesic Alzheimer's (early dementia)

Case: 78 year old woman, becoming more forgetful

Prof Iracema Leroi

10:20 Refreshments**10:50 Management across the lifespan of cognitive neurodegeneration – exploring cases continued...****4. Symptomatic case 2: Parkinson's disease dementia / Lewy body dementia**

Case: 67 yr old man diagnosed with MCI who develops orthostatic hypotension and RBS

Dr Adam Roche

5. Symptomatic case 3: language dominant dementia

Dr Richard Bevan-Jones

6. Symptomatic case 3: BPSD mini-cases

Dr Gregor Russell

12:30 Lunch



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13:30 Fluid biomarkers

Dr Dan Blackburn

14:00 Cognitive assessment

Dr Norah Jordan, principal clinical neuropsychologist, St James' Hospital, Dublin

14:30 Refreshments

15:00 Cognitive testing workshop

Dr Norah Jordan

15:45 Are we nearly there yet? System and patient readiness for the new DMTs for Alzheimer's

Prof Iracema Leroi

16:15 Quality improvement project introduction

Prof Iracema Leroi

16:45 Closing remarks

17:00 End of day & depart