

This course comprises 7 on-demand webinars and 2 live virtual discussion sessions.
Each on-demand module includes:

- Pre-module reading,
- An overview and presentation of the topic by Dr Ross Dunne
- Interviews with experts in their field
- A series of questions to verify you have completed the module before you can go on to the next.

Module 1: MCI and dementia, an introduction, the difference, and opportunities to support health

(approx 70 minutes plus background reading)

- Dementia versus Neurodegenerative disease
- Interview with Prof Alistair Burns, NHS National Lead for Dementia “Closing the loop on Quality Improvement”
- History and development of the MCI v Dementia Dichotomy
- Interview with Prof Sube Banerjee “MCI as an opportunity for intervention”

Module 2: MCI in lewy body diseases

(approx 35 minutes plus background reading)

- Background to dementia with Lewy bodies
- The differences between Parkinson's dementia and Lewy body dementia
- Diagnostic criteria for Lewy body dementia, and the LBD prodrome
- Interview with Prof John O'Brien: “Lewy body diseases and MCI”
- Ideas for your quality improvement project around Lewy body diseases

Module 3: Neuroimaging and biomarkers in MCI

(approx 55 minutes plus background reading)

- Fluid biomarkers for Neurodegenerative diseases
- Interview with Dr Richard Perry: “How we use Amyloid Imaging in Imperial”
- Fluid biomarkers in mild cognitive impairment: an international picture
- Interview with Prof Philip Scheltens: “Fluid biomarkers as part of the whole pathway in Amsterdam”
- Ideas for your quality improvement project around fluid biomarker practice locally

Module 4: Cognitive function, testing and the role of technology

(approx 80 minutes plus background reading)

- Background and history to the aspects of cognitive function
- Tools for cognitive examination - benefits and limitations
- Interview with Dr Dennis Chan: “Looking into the future: monitoring, assessment and diagnosis in neurodegenerative disease”
- Ideas for your quality improvement project around cognitive testing

Module 5: Brain health – a new perspective on prevention

(approx 45 minutes plus background reading)

- Brain health - what it is and how it's assessed
- Brain health versus MCI
- Interview with Prof Craig Ritchie "Keeping brains healthy versus dementia prevention - switching our focus"
- The prevention agenda and the evidence for lifestyle intervention
- Quality improvement ideas around promoting brain health and lifestyle interventions

Module 6: The importance of service user involvement

- Interview between Dr Sarah Fox and Gaynah Butler discussing the what, when, why and how of service user involvement
- Summary of possible mentors for the QI project and contact details
- 30 minutes: Panel discussion facilitated by Gaynah Butler of Dementia United, discussing the realities of service user involvement in practice, with Jaz Kenyon, living with a diagnosis of MCI, Marina Nixon, a GM commissioner, and Anne-Marie Jones from Age UK.

Module 7: Sharing practice – quality improvement in MCI and dementia

(approx 65 minutes plus background reading)

- Sarah Fox: Planning your quality improvement project
- Interview with Dr Laura Cook "The London Memory Clinic Audit"
- Sue Thomas: Tools and tricks for data collection
- Interview with Warren Heppolette "Quality Improvement and Dementia United"

Module 8 – 26 March 2021: submission deadline for project concept

- Submit a 3 minute video or audio recording to present the concept or outline plan for your project.
- Submissions will be assessed within 5 working days and we will facilitate links across similar themes nationally or support collaboration locally.
- All videos will be put on the learning portal, in thematic groups, to enable cross-learning, and to facilitate collaboration.
- Work with your peers to develop your plan ready to feed back a full plan in 6 week's time.

Module 9 – August 2021: Project presentation live session

Posters must be submitted (guidance will be provided)