

MASTERCLASS IN DEMENTIA AND DELIRIUM

Masterclass Dementia and Delirium Program

This seminar will be delivered by a combination of a 6-week self-paced learning package followed by a live one-day seminar

Self-paced learning package
Available Friday 5 April 2024

Topic 1: Dementia	
Topics covered & presenters	Learning objectives
Pathophysiology	<ul style="list-style-type: none">• Outline the pathophysiology underlining common types of dementia• Describe basic brain anatomy and how damage to different areas leads to specific cognitive symptoms• Understand the risk factors for dementia and cognitive decline and what can be done to mitigate this risk• Explain hypothesized pathophysiology for upcoming treatment options
Diagnosis and cognitive tests	<ul style="list-style-type: none">• Outline the steps and complexities involved in a dementia diagnosis• Understand how brain imaging techniques aid a dementia diagnosis• Interpret the results of commonly used cognitive tests and how clinicians may apply these results in practice
Available treatments	<ul style="list-style-type: none">• Overview the pharmacology of anticholinesterases and memantine• Interpret the evidence for these therapies in the different types of dementia• Discuss the limitations of these therapies and their role in practice
Future treatments	<ul style="list-style-type: none">• Interpret the evidence for anti-amyloid therapies for Alzheimer's Disease• Evaluate the proposed benefits and limitations of anti-amyloid therapy and their role in the management of dementia

MASTERCLASS IN DEMENTIA AND DELIRIUM

<p>BPSD in dementia</p>	<ul style="list-style-type: none"> • Describe the different types of behaviours that may occur and identify which behaviours are appropriate for pharmacological management • Evaluate the evidence available for antipsychotic use in BPSD • Compare and contrast the different antipsychotics used for BPSD and identify appropriate therapy • Identify the risks involved in antipsychotic use and how antipsychotic stewardship may mitigate these risks
<p>Topic 2: Delirium</p>	
<p>Topics covered & presenters</p>	<p>Learning objectives</p>
<p>Background</p>	<ul style="list-style-type: none"> • Describe the common types of delirium presentations and their associated risks. • Identify the risk factors for delirium: modifiable and non-modifiable. • Overview the epidemiology of delirium. • Describe predisposing and precipitant risk factors for delirium. • Define the concept of the vulnerable brain. • Outline the systems integration failure hypothesis.
<p>Diagnosis</p>	<ul style="list-style-type: none"> • Describe the common tools used to detect delirium. • Describe the detection and evaluation of a patient with delirium: to touch on delirium in different settings, ICU/post-op/EOLC etc.
<p>Management & Pharmacist role</p>	<ul style="list-style-type: none"> • Outline the non-pharmacological interventions used to manage patients with delirium. • Describe the differences in pharmacological management based on delirium cause e.g. substance withdrawal, end of life. • Discuss how medications can precipitate delirium.

MASTERCLASS IN DEMENTIA AND DELIRIUM

	<ul style="list-style-type: none">• Describe common medications that can precipitate/compound delirium focusing on neurotransmitter pathways.• Outline the evaluation and management of delirium and the role of interprofessional team members in collaborating to provide well-coordinated care and enhance patient outcomes.
Behaviours of concern in delirium	<ul style="list-style-type: none">• Describe the different types of behaviours that may occur and identify which behaviours are appropriate for pharmacological management in delirium.• Evaluate the evidence available for antipsychotic use in delirium.• Compare and contrast the different antipsychotics used for behaviours of concern in delirium and identify appropriate therapy

MASTERCLASS IN DEMENTIA AND DELIRIUM

Masterclass Dementia and Delirium Program

Live virtual seminar: Saturday 18 May 2024

All times listed are in AEST. The below may be subject to change

Time AEST	Session
0900 – 0910	Welcome/introductions
0910 – 0930	Q&A from self-paced learning package
Part 1: Dementia	
0930 – 1030	Case Session 1
1030- 1040	Morning tea break
1040 – 1110	Presentation: Complex BPSD
1110 - 1140	Case Session 1.2
1140 - 1210	Expert Panel Discussion - Dementia
1210 - 1240	Lunch break
Part 2: Delirium	
1240 – 1330	Case Session 2
1330 - 1400	Presentation: Managing behaviours of concern in delirium
1400 – 1410	Afternoon tea break
1410 – 1500	Case Session 3
1500 – 1530	Expert Panel Discussion – Hypoactive and Hyperactive Delirium
1530 – 1545	Presentation: Polypharmacy Stewardship Roles
1545	Program wrap up & close

Please note: presentation recordings from the live virtual seminar will not be available