

Sym

SYMPOSIA



ROYAL COLLEGE  
of PHYSICIANS  
of EDINBURGH

# European Delirium Association and Royal College of Physicians of Edinburgh Joint Conference on Delirium

## Programme & Delegate Information



In association with:



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Thursday 5 & Friday 6 September 2019

 #EDArcpe19

(insert Philips A4 advert)

## Information for delegates

# EDA/RCPE Joint Conference on Delirium

*held on Thursday 5 and Friday 6 September 2019*

## Welcome

On behalf of the European Delirium Association and the Royal College of Physicians of Edinburgh, we are delighted to welcome you to this historic setting for the European Delirium Association/Royal College of Physicians of Edinburgh Joint Conference on Delirium.

This is the fourteenth annual meeting of the European Delirium Association. We have aimed to produce a programme that covers the best of clinical practice and research in the field, and in particular to give every delegate good ideas for ongoing development of the field.

Over the centuries, Edinburgh has been at the forefront of medical education, innovations and developments, and it is a particular pleasure to welcome the world leaders on delirium to this meeting which will focus on current and future advancements in delirium research and clinical practice.

While you are here, we hope that you will find the time to experience some of the unique heritage collection we have at the College, which was established in 1681, and to explore our beautiful city.

**Dr Conor Maguire**, Director of Education, Royal College of Physicians of Edinburgh

**Professor Alasdair MacLulich**, Chair of Local Organising Committee, European Delirium Association

**Professor Arjen Slooter**, President of the European Delirium Association

## Members of the organising committee

(Local, European Delirium Association, and Scottish Delirium Association)

Dr Atul Anand

Dr Amanda Barugh

Dr Mark van den Boogard

Dr Claire Copeland

Dr Colm Cunningham

Dr Daniel Davis

Dr Elke Detroyer

Dr Karen Ferguson

Dr Roanna Hall

Ms Maureen Harding

Dr Wolfgang Hasemann

Dr Jouko Laurila

Dr Ajay Macharouthu

Dr Julie Mardon

Ms Sharon Moncrieff

Dr Alessandro Morandi

Professor Birgitta Olofsson

Dr Valerie Page

Professor Emma Reynish

Ms Daisy Sandeman

Dr Susan Shenkin

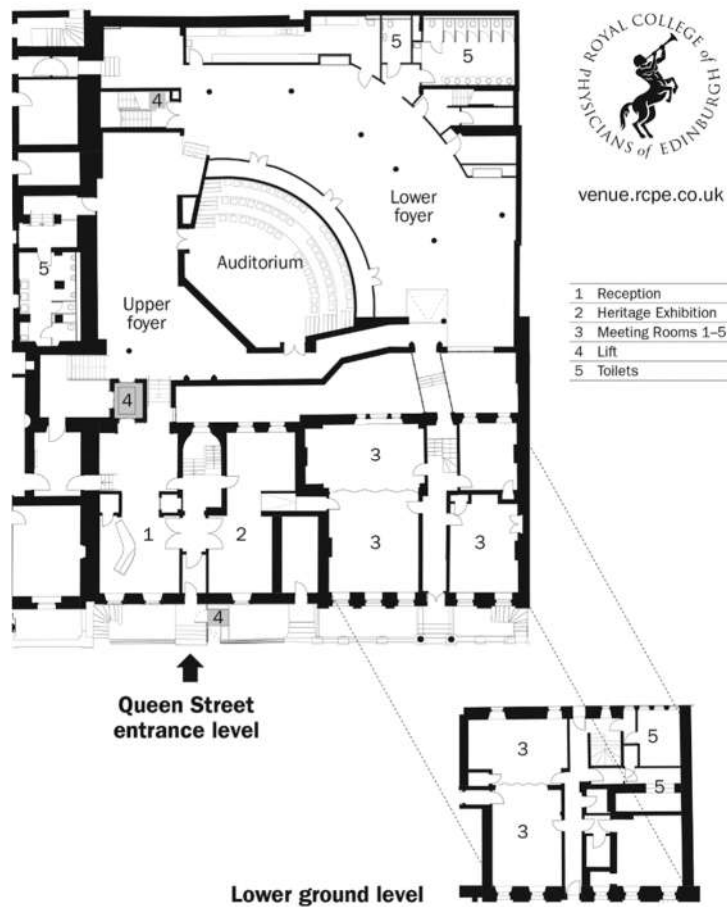
Dr Andrew Teodorczuk

Dr Elizabeth Wilson

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## Heritage Exhibition

Please visit our exhibition which is located to the right of the main College reception. Access is also via rooms 1 & 2 during coffee and lunch breaks.



**Visit 'Moonstruck'** – the College's new exhibition on the history of mental health. The illustrations, books and objects displayed in this exhibition explore how society's understanding and perception of mental health has changed over the last 500 years. Original illustrations of patients at London's infamous Bedlam Asylum will be on display to the public for the first time, along with fascinating illustrations and letters from an artist incarcerated at the Crichton Asylum, Dumfries and artwork by a patient at the Royal Edinburgh Hospital from the 1800s.

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### Abstract Book

An online abstract book is available at <https://events.rcpe.ac.uk/edarcpe-joint-conference-delirium-0>

### CPD

The Federation of the Royal Colleges of Physicians of the UK runs a Continuing Professional Development (CPD) Scheme for all post-training physicians. Please note it is your responsibility only to claim credits for the hours you attend.

CPD ID Code: 125693

CPD Credits: 10



### Certificates and feedback

The CPD sign-in register is now online and is combined with the symposium feedback form.

- Please note that in order for us to issue CPD attendance certificates we require participants to complete our online feedback survey and you should have received an email containing a link to your individual feedback form. If you have not received this please contact: [h.elliott@rcpe.ac.uk](mailto:h.elliott@rcpe.ac.uk)
- There is an option to save your feedback as you complete it during the day and finish your responses later. This is done through the '**Finish later**' button which is at the bottom of every page of the survey.
- Please note that the 'Finish later' feature supplies you with an updated individual link which contains your previous answers. These are not accessible to our administration team so please ensure that you store this link as otherwise you will have to begin your survey again.
- The sign-in and feedback form will be open for 14 days after the event, **closing at midnight on Friday, 20 September 2019**. Electronic certificates will be issued after that date. It will not be possible to issue certificates to delegates who do not complete the form by this date as it is your confirmation that you attended – so please make sure you do.

**Oral & Poster Presentation Certificates** will be emailed to you after the meeting.

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### Exhibitors

This symposium is supported by the following exhibiting companies who have purchased exhibition stand space and made a further contribution towards the running of this event. It should be noted that these companies have played no part in planning the conference and that neither the Royal College of Physicians of Edinburgh or the European Delirium Association endorse any commercial products.

### Premium

**PHILIPS**  
VitalMinds

### Silver

**PROLIRA**  **DELTASCAN**

Health professionals and NHS managers are invited to visit the company stands during the breaks.

To facilitate compliance with UK law, and the ABPI Code of Practice, prohibiting companies from promoting prescription-only and certain other medicines to the public, the stands have been set up in clearly defined areas of the conference centre. Members of the public are asked not to approach these areas of the conference centre.

All participants are welcome to visit the general information stands.

### Interactive sessions/talks and asking questions

- You can ask questions via the microphones in the auditorium
- You can also submit questions during the talks using Slido - we will be using an interactive software, 'Slido', so that everyone can ask the speakers questions and participate in polls and case discussions.
  - On your mobile, tablet or computer, go to [slido.com](https://www.slido.com).
  - Enter the event code: **#EDArcpe19**. This code will be used throughout the day for all presentations. Please ensure that you select the correct room venue.
  - When delegates send questions to speakers, your device will display the delegate questions.
  - When the speaker asks the audience questions/polls, your device will display the poll and you can vote from your device.
  - After the poll it will switch back to the delegate questions.
  - You can 'like' any delegate questions submitted, questions will rearrange based on how many 'likes' they have, highlighting to the Chair popular questions.

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### **Internet Access**

Free WIFI is available throughout the RCPE. Please join the network **RCPE-WIFI** and input the password **chiron1681**.

### **Prayer and Quiet Room**

Room 5, No 13 Queen Street has been allocated as the prayer and quiet room. Please ask at the registration desk for directions to this room.

### **Parent Room**

Room 4, No 13 Queen Street has been allocated as the Parent Room. Please ask at the registration desk for directions to this room.

### **Posters**

Posters will be displayed in the Cullen Suite. Please see the table in this delegate pack stating poster board numbers and day of display.

### **Poster Manning**

If you are presenting a poster please refer to the times below when we request that you be available by your poster to discuss your work:

#### **Thursday, 5 September 2019**

Lunch break (1240-1330) and afternoon coffee/tea break (1500-1530).

#### **Friday, 6 September 2019**

Lunch (1210-1330)

The winner of the poster and oral prizes will be announced in session 8 (Friday 1530).

### **Scottish Evening – Thursday 5 September 2019**

If you have booked a place at the Scottish Evening, your ticket will be attached to your badge. If you have not booked a place and wish to attend, please check availability with Margaret Farquhar at the Conference Registration Desk.

### **Social media/photography**

The College encourages online discussion and the use of social media. You may therefore see participants taking photographs, using mobiles, laptops or tablets for discussion on Twitter. Please feel free to participate – the Twitter hashtag for this event is **#EDArcpe19**

A professional photographer may be in attendance at today's event. Photographs may be used by the College in digital and printed publicity material. If you do not wish to be photographed, please let a member of staff know at the registration desk.

# Programme – Thursday

# EDA/RCPE Joint Conference on Delirium

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## Day 1 - Thursday 5 September 2019

- 08.00**    **Registration** and Coffee *Foyer*
- 09.00**    **Welcome** *Auditorium*  
Professor Arjen Slooter, President of the EDA, and Professor Alasdair MacLulich, Chair of the Local Organising Committee
- Session 1 - Plenary Session A** *Auditorium*  
Chair: Professor Arjen Slooter, Professor of Intensive Care Neuropsychiatry and University Medical Centre, Utrecht, The Netherlands
- 09.10**    **Delirium lookalikes you need to know about**  
Dr Karin Neufeld, Director of the Inpatient Psychiatry Consultation Service, Johns Hopkins Bayview Medical Center, Baltimore, USA  
*\*serotonin syndrome \*malignant hyperthermia \*autoimmune encephalitis*
- 09.40**    **Challenging cases in delirium: interactive presentations**
- Case 1:** Delirium versus terminal restlessness  
Professor Meera Agar, Professor of Palliative Medicine, University of Technology, Sydney, Australia
- Case 2:** A diagnostic challenge  
Dr Adam Al-Diwani, Clinical Research Fellow and Registrar in Psychiatry, University of Oxford, England
- Case 3:** Severe, intractable agitation in ICU delirium  
Dr Babar Khan, Associate Professor of Medicine, Indiana University School of Medicine, USA
- Case 4:** Delirium superimposed on dementia?  
Dr Alessandro Morandi, Consultant in Geriatric Medicine, Department of Rehabilitation, Fondazione Camplani Casa di Cura, Cremona, Italy
- 10.40**    **Coffee & Poster Viewing** *Foyer and Room 1 & 2*
- Session 2 - Plenary Session B** *Auditorium*  
Chair: Dr Roanna Hall, Consultant in Geriatric Medicine, Royal Infirmary of Edinburgh
- 11.10**    **A patient experience**  
Ms Alexandra Adams, medical student, Cardiff University, Wales
- A carer experience**  
Dr Julie Lustig, Geriatrician, Monash Aging Research Centre, Melbourne, Australia
- 11.40**    **KEYNOTE LECTURE:**  
**A new digital and quality improvement programme to improve delirium care**  
Dr Emma Vardy, Delirium and Dementia Clinical Lead, Salford, UK  
*\*journey from concept to implementation \*developing the digital pathway \* system-wide measurement of quality of delirium care*
- 12.30**    **Lunch and Poster Viewing** *Foyer and Room 1 & 2*



## Programme - Thursday

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### Session 3 - Parallel Sessions

#### Parallel Session A - Invited symposium: State of the science in delirium education

*Great Hall*

Chair: Dr Wolfgang Hasemann, Clinical Nurse Specialist and Lead of the Dementia Delirium Programme, University Hospital, Basel, Switzerland

#### 13.30 - Introduction

15.00 Dr Wolfgang Hasemann, Clinical Nurse Specialist and Lead of the Dementia Delirium Programme, University Hospital, Basel, Switzerland

#### Delirium education: where are we now?

Professor Andy Teodorczuk, Associate Professor of Medical Education, Griffith University, Gold Coast & Consultant Psychiatrist, Prince Charles Hospital, Brisbane, Australia

#### Prequalification: shaping healthcare attitudes early

Dr Claire Copeland, Consultant in Geriatric Medicine, Forth Valley Royal Hospital, Larbert, Scotland

#### E-learning: is it worth it?

Dr Elke Detroyer, Research Fellow, Academic Centre for Nursing and Midwifery, KU Leuven, Belgium

#### A realist synthesis of patient and caregiver education in delirium

Dr Emily Gallagher, Registrar in Geriatric Medicine, Auckland, New Zealand

#### Parallel Session B - Invited symposium: Exploring the features of delirium: what can we learn from other fields

*Auditorium*

Chair: Dr Thomas Jackson, Clinical Scientist in Geriatric Medicine, University of Birmingham, England

#### 13.30 - Basic science

15.00 Dr Colm Cunningham, Lecturer in Neuroscience, Trinity College Dublin, Ireland

#### Applying systematic review methodology: identifying research gaps, refining future trials

Dr Esther Oh, Associate Professor, Division of Geriatric Medicine and Gerontology, The Johns Hopkins University School of Medicine, Baltimore, USA

#### Definition and assessment of inattention: insights from psychological research

Dr Zoe Tiegies, Postdoctoral Research Fellow, University of Edinburgh, Scotland

#### Delirium and data science - endophenotype identification, classification, prediction, enrichment

Dr Robert Stevens, Associate Professor of Anesthesiology and Critical Care Medicine, Johns Hopkins University, Baltimore, USA

#### Origins of psychotic features

Dr Edwin van Dellen, Clinical Research Fellow in Psychiatry Utrecht University, The Netherlands

#### Parallel Session C - oral presentations from submitted abstracts

Chair: Dr Amanda Barugh, Consultant in Stroke Medicine, University of Edinburgh

*New Library*

#### 13.30 Cognitive trajectories after delirium among frail home-dwelling persons. Results from the CASCADE-study.

Maria Krogseth

## Programme - Thursday

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- 13.40 Delirium is prevalent in older hospital inpatients and associated with adverse outcomes: results of a prospective multi-centre study on World Delirium Awareness Day**  
Hannah Moorey
- 13.50 The prevalence and incidence of delirium in inpatients with Parkinson's disease**  
Rachael Lawson
- 14.00 A retrospective cohort study of the performances on attention tests in people with cognitive impairment without delirium**  
Eleonora Grossi
- 14.10 In older people, delirium is a stronger predictor than frailty status of the need for admission post Emergency Department attendance.**  
Ide O'Shaughnessy
- 14.20 The Incidence of Recorded Delirium Episodes Before and After Dementia Diagnosis: Differences Between Dementia With Lewy Bodies and Alzheimer's Disease**  
Christoph Mueller
- 14.30 DELIAS Index - the role of a simple prediction index for patients with early onset delirium after acute ischemic stroke**  
Katarzyna Kotfis
- 14.40 How could we forget? Implementing a Delirium and Dementia Initiative**  
Brianna Walpole
- 14.50 Clinical practice and practice change in the treatment of delirium: an online survey of Australian doctors, nurses and pharmacists**  
Annmarie Hosie
- 15.00 Coffee and poster viewing**

*Foyer and  
Room 1 & 2*

### Session 4 - Workshop Sessions - Workshop Session 1

**15.30 - Workshop A: Demonstration of delirium simulation**

*Great Hall*

- 16.00** Dr Julie Mardon, Consultant in Emergency Medicine, Crosshouse Hospital, Kilmarnock, and Head of Simulation, University of Glasgow Medical School  
Dr Claire Copeland, Consultant in Geriatric Medicine and Stroke, Forth Valley Royal Hospital, Larbert

**Workshop B: Assessment and management of distress in delirium**

*Auditorium*

- Dr Jude Partridge, Consultant Geriatrician, Guy's and St Thomas' NHS Trust, London  
Ms Ffion Pritchard, Clinical Nurse Specialist, POPS, Guy's and St Thomas', London

**Workshop C: The wicked problem of delirium education: aligning medical education research to practice**

*Sir John  
Crofton Room*

- Dr Andy Teodorczuk, Associate Professor of Medical Education, Griffith University, Gold Coast and Consultant Psychiatrist, Prince Charles Hospital, Brisbane, Australia  
Professor Jan Illing, Professor of Medical Education Research, Newcastle University, England

**Workshop D: Qualitative methods and process evaluation in delirium research**

*New Library*

- Dr Susanne Kean, Research Fellow, Edinburgh Critical Care Research Group  
Dr Lydia Emerson, Research Fellow, School of Health Sciences, University of London

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|   |  |                                  |
|---|--|----------------------------------|
|   | <b>Workshop E: Music therapy in delirium: update and demonstration</b><br>Ms Jilly Mathews, Music Therapist, Edinburgh<br>Dr Susan Shenkin, Clinical Senior Lecturer in Geriatric Medicine, University of Edinburgh  | <i>Room 1 &amp; 2</i>            |
| <b>Session 4 - Workshop Sessions - Workshop Session 2</b> |  |                                  |
| <b>16.10 -<br/>16.40</b>                                  | <b>Workshop F: Demonstration of delirium simulation</b><br>Dr Julie Mardon, Consultant in Emergency Medicine, Crosshouse Hospital, Kilmarnock, and<br>Head of Simulation, University of Glasgow Medical School<br>Dr Claire Copeland, Consultant in Geriatric Medicine and Stroke, Forth Valley Royal Hospital,<br>Larbert   | <i>Sir John<br/>Crofton Room</i> |
|   | <b>Workshop G: Assessment and management of distress in delirium</b><br>Dr Jude Partridge, Consultant Geriatrician, Guy's and St Thomas's NHS Trust, London<br>Ms Ffion Pritchard, Clinical Nurse Specialist, POPS, Guy's and St Thomas', London   | <i>Great Hall</i>                |
|   | <b>Workshop H: The wicked problem of delirium education: aligning medical education<br/>research to practice</b><br>Dr Andy Teodorczuk, Associate Professor of Medical Education, Griffith University, Gold<br>Coast and Consultant Psychiatrist, Prince Charles Hospital, Brisbane, Australia<br>Professor Jan Illing, Professor of Medical Education Research, Newcastle University, England | <i>Auditorium</i>                |
|   | <b>Workshop I: Qualitative methods and process evaluation in delirium research</b><br>Dr Susanne Kean, Research Fellow, Edinburgh Critical Care Research Group<br>Dr Lydia Emerson, Research Fellow, School of Health Sciences, University of London   | <i>Room 1 &amp; 2</i>            |
|   | <b>Workshop J: Music therapy in delirium: update and demonstration</b><br>Ms Jilly Mathews, Music Therapist, Edinburgh<br>Dr Susan Shenkin, Clinical Senior Lecturer in Geriatric Medicine, University of Edinburgh  | <i>New Library</i>               |
| <b>17.00</b>  | <b>European Delirium Association AGM (open to all EDA members)</b>   | <i>Auditorium</i>                |
| <b>19.00</b>  | <b>Scottish Evening with Ceilidh</b><br>at Royal College of Physicians of Edinburgh  | <i>Great Hall</i>                |

# Programme – Friday

## EDA/RCPE Joint Conference on Delirium

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### Day 2 - Friday 6 September 2019

- 08.00**      **Registration** and Coffee *Foyer*
- 08.30**      **Welcome to day 2 of the EDA/RCPE Joint Conference on Delirium** *Auditorium*  
Professor Arjen Slooter, President of the EDA, and Professor Alasdair MacLulich, Chair of the Local Organising Committee
- 08.35**      **Network for investigation of delirium: unifying scientists (NIDUS)** – announcement. *Auditorium*  
Dr Babar Khan, President of the American Delirium Society
- Session 5 - Plenary Session C** *Auditorium*  
Chair: Dr Roanna Hall, Consultant in Geriatric Medicine, Royal Infirmary of Edinburgh
- 08.40**      **What's new in paediatric delirium?**  
Dr Heidi Smith, Assistant Professor of Pediatric Critical Care and Anesthesiology, Vanderbilt University, Nashville, USA  
\*detection \* treatment \* clinical trials
- 09.10**      **Psychological interventions for intensive care unit stress and delirium**  
Dr Dorothy Wade, Health Psychologist, UCLH  
\*research update \*liasing with families \*trauma
- 09.40**      **Delirium in primary care: development and experience of a new pathway**  
Dr Lorna Dunlop, General Practitioner, Dundee  
\*adapting secondary care pathways \*managing risk \*future developments
- 10.10**      **Coffee and poster viewing** *Foyer and Room 1 & 2*
- Session 6 - Plenary Session D** *Auditorium*  
Chair: Dr Alessandro Morandi, Consultant in Geriatric Medicine, Department of Rehabilitation, Fondazione Camplani Casa de Cura, Cremona, Italy
- 10.40**      **Guidelines and headline results update**
- Cognition care in the Australian National Standards (2nd ed)**  
Dr Julie Lustig, Geriatrician, Monash Health, Melbourne, Australia
- New core outcomes in delirium for research**  
Professor Louise Rose, King's College London  
Dr Valerie Page, Consultant Intensivist, Watford General Hospital, England
- Scottish Intercollegiate Guidelines Network (SIGN) 2019 Guidelines on Delirium**  
Ms Daisy Sandeman, Advanced Nurse Practitioner, Cardiothoracic Surgery, Royal Infirmary of Edinburgh
- New findings from the Delirium and Population Health Informatics Cohort (DELPHIC) Study**  
Dr Daniel Davis, Senior Clinical Researcher and Consultant in Geriatric Medicine, University College London
- Update on German national delirium care programme**  
Dr Stefan Kreisel, Consultant Neurologist, Evangelical Hospital Bethel, Bielefeld, Germany

## Programme - Friday

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**Agency for the Health Quality and Research (AHRQ) commissioned systematic review on using antipsychotics for Delirium 2019**

Dr Esther Oh, Associate Professor, Division of Geriatric Medicine and Gerontology, The Johns Hopkins University School of Medicine, Baltimore, USA

|              |   |                   |
|--------------|---|-------------------|
| <b>11.10</b> | <b>KEYNOTE LECTURE:</b><br><b>The EEG in delirium: where are we now in clinical practice and research?</b><br>Professor Arjen Slooter, Professor of Intensive Care Neuropsychiatry, Utrecht<br>*research update * new technologies *when should you order an EEG? | <b>Auditorium</b> |
|--------------|---|-------------------|

|              |                                 |                                 |
|--------------|---------------------------------|---------------------------------|
| <b>12.00</b> | <b>Lunch and poster viewing</b> | <b>Foyer and Room 1 &amp; 2</b> |
|--------------|---------------------------------|---------------------------------|

### Session 7 - Parallel Sessions

#### Parallel Session D - Invited Symposium: Quality improvement and real world implementation of better delirium care in different settings

Chair: Ms Karen Goudie, Chief Nurse, University Hospital Monklands, Scotland

|              |  |                   |
|--------------|--|-------------------|
| <b>13.30</b> | <b>Quality improvement in healthcare: what is it and why do we do it?</b><br>Ms Karen Goudie, Chief Nurse, University Hospital Monklands, Scotland | <b>Auditorium</b> |
|--------------|--|-------------------|

#### **Improving the quality of sleep in the intensive care unit**

Dr Biren Kamdar, Intensivist and Assistant Clinical Professor, Medicine, University of California at San Diego, USA

#### **An ounce of prevention is worth a pound: implementing a comprehensive delirium care program at a university hospital**

Dr Vanja Douglas, Neurohospitalist and Associate Professor, University of California at San Francisco, USA

#### **Delirium in hospice care: quality improvement projects**

Dr Juliet Spiller, Consultant in Palliative Medicine, Marie Curie Hospice, Edinburgh

#### **Multi-disciplinary pathway for managing delirium: quality improvement initiative at the Aga Khan University Hospital, Pakistan**

Dr Shireen Najam, Chief Resident, Psychiatry, Aga Khan University Hospital, Karachi, Pakistan

#### Parallel Session E - Invited Symposium: EUGMS-EDA Joint Symposium

Chairs: Dr Leiv Otto Watne, Consultant in Geriatric Medicine, University of Oslo and Dr Alessandro Morandi, Consultant in Geriatric Medicine, Department of Rehabilitation, Fondazione Camplani Casa di Cura, Cremona, Italy

|              |  |                   |
|--------------|--|-------------------|
| <b>13.30</b> | <b>Establishing and improving an interdisciplinary and multidisciplinary care for delirium across Europe</b> | <b>Great Hall</b> |
|--------------|--|-------------------|

Dr Alessandro Morandi, Consultant in Geriatric Medicine, Department of Rehabilitation, Fondazione Camplani Casa di Cura, Cremona, Italy

#### **The role of nursing care in the multidisciplinary management of delirium**

Dr Elke Detroyer, Research Fellow, Academic Centre for Nursing and Midwifery, KU Leuven, Belgium

#### **Emerging evidence in occupational therapy in delirium care**

Mr Christian Pozzi, Occupational Therapist, University of Applied Sciences and Arts of Southern Switzerland

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**Early mobility to improve delirium outcomes: physiotherapy interventions**  
Dr Neus Gual, Geriatrician, University of Barcelona, Spain

**The future of interdisciplinary collaboration in delirium care across Europe**  
Dr Bjorn Erik Neerland, Consultant in Geriatric Medicine, University of Oslo

### Parallel Session F - Oral presentations from submitted Abstracts

*New Library*

Chair: Dr Susan Shenkin, Clinical Senior Lecturer in Geriatric Medicine, University of Edinburgh

- 13.30**      **An exploration of factors impacting on the nurse's decision to restrain a delirious patient on the critical care unit.**  
Angela Teece
- 13.40**      **Do health care professionals worry about delirium? relatives' experience of delirium in the intensive care unit: a qualitative interview study**  
Sos Bohart
- 13.50**      **Defining delirium symptom phenotypes based on core diagnostic features in an intensive care unit cohort**  
Heidi Lindroth
- 14.00**      **Comparison of regional anaesthesia with general anaesthesia on postoperative delirium in the older patients undergoing hip fracture surgery: multi-centre randomised controlled trial - RAGA trial**  
Fang Smith
- 14.10**      **Measurements of sympathetic autonomic level in stroke patients and delirium**  
Jannik Stokholm
- 14.20**      **In vivo monitoring of cholinergic neurotransmission: validating a hypocholinergic mouse model**  
Sean Doyle
- 14.30**      **Incidence rates of CNS drug-induced delirium – results of AMSP – a drug surveillance program between 1993 and 2016**  
Michaela-Elena Friedrich
- 14.40**      **Decreasing delirium through music: a feasibility trial**  
Sikander Khan
- 14.50**      **Comparisons of interventions to prevent delirium in critically ill patients: a network meta-analysis**  
Lisa Burry
- 15.00**      **Coffee and poster viewing**

*Foyer and  
Room 1 & 2*

### Session 8 - Announcement of EDA 2020, ADS 2020, ADA 2020; Awards and Farewell

*Auditorium*

Chair: Professor Alasdair MacLulich, Chair of the Local Organising Committee

- 15.30**      Announcements on European Delirium Association 2020, American Delirium Society 2020 and Australasian Delirium Association 2020 meetings.  
Maeve Leonard Award  
Oral presentation and poster prizes
- 16.00**      Close and farewell

## Posters

# EDA/RCPE Joint Conference on Delirium

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| Poster Board | Title of Abstract   | Authors   | Day      |
|--------------|---|---|----------|
| 1            | Defining methodological and best practice for studies of biological and clinical correlates of delirium: an international modified delphi study               | <u>Ingrid Amgarth-Duff</u> , Annmarie Hosie, Gideon Caplan, Meera Agar  | Thursday |
| 2            | Delirium and frailty: outcomes from consecutive patients with abnormal 4A's Test (4AT) score on hospital admission  | <u>Miriam Veenhuizen</u> , April Covington, Nicholas L Mills, Will Whiteley, Alasdair MJ MacLulich, Susan D Shenkin, Atul Anand   | Thursday |
| 3            | Preliminary validation of the 4AT in a specialist palliative care inpatient unit: study protocol  | <u>Liz Arnold</u> , Anne Finucane, Juliet Spiller, Alasdair MacLulich   | Thursday |
| 4            | Cognitive assessment: can the hospital palliative care team perform this routinely?   | <u>Lucy Baird</u> , Deirdra Sives, Angela Bentley   | Thursday |
| 5            | Implementation of the palliative care version of the Richmond Agitation-Sedation Scale: a quality improvement project   | <u>Shirley H. Bush</u> , Kasia Bronicki, Michel Dionne, Marie-Claude Legacy, Mario DaPonte, Monisha Kabir   | Thursday |
| 6            | Validated delirium screening tools in palliative care: a systematic review  | Mary Scott, Colleen Webber, <u>Shirley H. Bush</u> , Christine Watt, Lindsey Sikora, Monisha Kabir, Jason W Boland, Rebecca Woodhouse, Peter G. Lawlor                  | Thursday |
| 7            | The occurrence and timing of delirium in acute care hospitalizations in the last year of life: a population-based retrospective cohort study                  | Colleen Webber, Mary Scott, Christine Watt, <u>Shirley H. Bush</u> , Peter Lawlor, Monisha Kabir, Rob Talarico, Peter Tanuseputro                                       | Thursday |
| 8            | Development of delirium is associated with consumption of antipsychotic and anti-dementia drugs   | <u>Sif Blandfort</u> , Merete Gregersen, Kirsten Rahbek, Svend Juul, Else Marie Damsgaard   | Thursday |
| 9            | Impact of delirium education on a medical-surgical unit   | <u>Tru Byrnes</u>   | Thursday |
| 10           | Evaluation of circulating miRNA in serum samples of delirium patients in acute geriatric medical setting: insights on the inflammatory hypothesis of delirium | Patrícia Regueira, <u>Ana Rita Silva</u> , Ana Luísa Cardoso, Elisabete Albuquerque, Fabiana Ventura, Mário Carneiro, Inês Baldeiras, Isabel Santana, Joaquim Cerejeira | Friday   |
| 11           | Evaluation of prevalence of delirium in acute geriatric admissions across the years: considerations on the diagnostic bias and delirium subtypes              | <u>Ana Rita Silva</u> , Patrícia Regueira, Ana Luísa Cardoso, Elisabete Albuquerque, Inês Baldeiras, Isabel Santana, Joaquim Cerejeira                                  | Friday   |
| 12           | Risk factors for long-term cognitive impairment in acutely admitted intensive care patients - a multicentre prospective cohort study                          | <u>Marie O Collet</u> , Ingrid Egerod, Thordis Thomsen, Helle L Nibro, Jørn Wetterslev, Theis Lange, Bjørn H Ebdrup, Anders Perner                                      | Thursday |
| 13           | Delirium recognition at the end of life   | <u>Katie Darby-Villis</u> , Mark Lee  | Thursday |
| 14           | shifting the focus: a QI project to improve the management of delirium in patients with hip fracture  | <u>L Dormandy</u> , S Mufti, E Higgins, M Dixon, C Bailey   | Thursday |

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| Poster Board | Title of Abstract   | Authors   | Day      |
|--------------|---|---|----------|
| 15           | Brain atrophy in patients with and without delirium in older acute medical admissions aged 65 and over: preliminary results from a retrospective CT study                                     | <u>Karen J Ferguson</u> , Daniel Levin, Alasdair MJ MacLulich, Joanna M Wardlaw, Bruce Guthrie, Peter T Donnan, Emma L Reynish, Vera Cvoro                | Thursday |
| 16           | The distribution of CT white matter lesions (WML) in patients with and without delirium in acute medical admissions aged 65 and over: preliminary results of a retrospective study            | <u>Karen J Ferguson</u> , Daniel Levin, Alasdair MJ MacLulich, Joanna M Wardlaw, Bruce Guthrie, Peter T Donnan, Emma L Reynish, Vera Cvoro                | Thursday |
| 17           | The distribution of old and new infarcts and other lesions in patients with and without delirium in acute medical admissions aged 65 and over: preliminary results from a retrospective study | <u>Karen J Ferguson</u> , Daniel Levin, Alasdair MJ MacLulich, Joanna M Wardlaw, Bruce Guthrie, Peter T Donnan, Emma L Reynish, Vera Cvoro                | Thursday |
| 18           | Delirium team briefing implementation of a communication tool that enables health care teams to optimize delirium care  | <u>Claudia Eckstein</u> , Heinrich Burkhardt  | Thursday |
| 19           | A delirium severity tool for critical care (CC) : validation of the delirium rating scale -R98 (DRS-R98)  | Eiman Almuhaire, Monica Badejo, Mervi Pitkannen, Anessa Peers, Graham Davies, David Taylor, <u>Cathrine A. McKenzie</u>                                   | Thursday |
| 20           | Evidence that the heightened vulnerability of the pre-adolescent & elderly populations to anesthesia-triggered delirium is linked to increased blood-brain barrier permeability               | <u>George A. Godsey II</u> , Hana Choi, Nimish K. Acharya, Mary C. Kosciuk, Robert G. Nagele  | Thursday |
| 21           | Detecting neurocognitive impairment: a comparison of clinical routine data versus structured assessments  | <u>Olga Muser</u> , Kevin Seiler, Wolfgang Hasemann   | Thursday |
| 22           | Every fourth patient 65+ suffers from delirium during hospital admission – a call for a validated screening program   | <u>Irene Instenes</u> , Hege A. Amofah, Leslie Eide, Nina Fålun, Trond Pettersen, Anette H. Ranhoff, James Rudolph, Ole Martin Steihaug, Tone M. Norekvål | Thursday |
| 23           | Continuation of antipsychotic medications in critically ill patients: a single-centre retrospective review.   | <u>Zebun Nahar</u> , Prina Rajani, Jignna Patel, Valerie Page   | Thursday |
| 24           | An audit of the 4AT & TIME bundle as part of the Delirium Ambassador Programme at the Queen Elizabeth University Hospital   | <u>Andrew M Richardson</u>  | Thursday |
| 25           | Team approach toward postoperative and ICU delirium care and challenges   | <u>Fumiko Ishimitsu</u>   | Friday   |
| 26           | Recognition, diagnosis and management of delirium in a palliative care setting  | Ann Williams, <u>James Killeen</u> , Alison Roberts   | Thursday |
| 27           | The role of preoperative serum inflammatory markers (NLR, PLR, PWR and CRP) as biomarkers of postoperative delirium in cardiac surgery.   | <u>Katarzyna Kotfis</u> , Justyna Ślózowska, Krzysztof Safranow, Maciej Żukowski, Aleksandra Szylińska, Mariusz Listewnik                                 | Friday   |
| 28           | Improving delirium recognition in 2 East  | <u>Tilda McCrimmon</u>  | Friday   |



## Posters

# EDA/RCPE Joint Conference on Delirium

held on Thursday 5 & Friday 6 September 2019

| Poster Board | Title of Abstract   | Authors  | Day      |
|--------------|---|--|----------|
| 29           | Raising Delirium awareness in the north east of England the story of MELISSA & ERIIC  | <u>Mani Santhana Krishnan</u> , Namita Kumar, Jill Cassells  | Thursday |
| 30           | Role of Delirium clinic – a project to identify people at risk of developing dementia and improving the awareness of people at risk – 4 years on what have we learnt?                         | <u>M Santhana Krishnan</u> , Jacqui Straughan, Lisa Parker   | Thursday |
| 31           | Investigating the composition of monocyte subpopulations and effector function in delirium  | <u>Hannah C Moorey</u> , Thomas A Jackson  | Friday   |
| 32           | Exploring Danish critical care nurses' knowledge of delirium and delirium assessment, a survey  | <u>Camilla B Mortensen</u> , Nina C Ranberg-Andersen, Jens P Laigaard, Marie O Collet, Ingrid Egerod | Friday   |
| 33           | Understanding delirium in Australian acute care: results from a medical record review to assess compliance with the delirium clinical care standard   | Virginia Mumford, <u>Mary Ann Kulh</u>   | Friday   |
| 34           | Delirium in patients undergoing hip surgery: A prospective observation study from Karachi, Pakistan.  | <u>Shireen Najam</u> , Tania Nadeem, Muhammad Zaman Khan   | Friday   |
| 35           | Fatty acid-binding protein 3 in cerebrospinal fluid of hip fracture patients with delirium and of cognitively healthy controls  | <u>Bjørn Erik Neerland</u> , Kaj Blennow, Henrik Zetterberg, Leiv Otto Watne                         | Friday   |
| 36           | Changing the culture of dementia care in hospitals: evaluation of the italian edition of best practice in dementia care learning programme designed for healthcare staff working in hospitals | <u>Andrea Fabbo</u> , Francesca Neviani, Rontauroli Caterina   | Friday   |
| 37           | Evaluating delirium management in critical care at West Middlesex Hospital  | <u>Chitra Sanjel</u>   | Friday   |
| 38           | Delirium in nursing homes – incidence and risk factors for delirium in nursing home patients  | <u>Wenche Helen Skretteberg</u> , Ingunn Holmefoss Hovland, Leiv Sandvik, Maria Krogseth             | Friday   |
| 39           | A carer intervention to improve support for patients with delirium in a palliative care inpatient setting: a quality improvement approach   | <u>Max Fend</u> , Juliet Spiller, Anne Finucane  | Friday   |
| 40           | Polypharmacy as a risk factor for delirium: a large population-based longitudinal record linkage study  | <u>Lucy E Stirland</u> , Tom C Russ, Craig W Ritchie, Graciela Muniz Terrera                         | Friday   |
| 41           | Patients' experiences with delirium assessments   | <u>Helle Svenningsen</u> , Dorthe Sørensen   | Friday   |
| 42           | Using audio-visual vignettes to explore how nurses make the decision to restrain a delirious patient on the critical care unit.   | Sarah A Smith, Michael N Black, <u>Angela Teece</u> , John Baker, Helen Smith                        | Friday   |
| 43           | A retrospective case-note analysis investigating the management of diagnosed delirium in patients on medicine of the elderly wards  | <u>Sarah Train</u> , Alexandra Peterson, Emma Marshall, Susan Shenkin, Alasdair MacLullich           | Friday   |

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| Poster Board | Title of Abstract  | Authors   | Day      |
|--------------|--|---|----------|
| 44           | Comparison of brief clinical delirium and cognitive testing amongst patients admitted via the trauma and orthopaedic (T&O) acute intake: a service evaluation on the clinical dependence, efficacy and accessibility of implementing Gwent orientation and awareness listing (GOAL) testing in relation to the 4AT at the Royal Gwent Hospital Newport | <u>Jack Wellington</u> , Alexander Eggleton, Reem Naji, Inderpal Singh, Miles Allison                                     | Thursday |
| 45           | A feasibility randomised controlled trial to compare regional versus general anaesthesia in reducing delirium in patients with hip fractures (REGARD)  | <u>Joyce Yeung</u> , Keith Couper, Rebecca Kearney, Ranjit Lall, Iain Moppett, Thomas Jackson, Philip Bell, Gavin Perkins | Friday   |
| 46           | Interventions for preventing delirium in older people in institutional long-term care: cochrane systematic review  | <u>Rebecca Woodhouse</u> , Jennifer K Burton, Namrata Rana, Yan Ling Pang, Jennie E Lister, Najma Siddiqi                 | Friday   |
| 47           | Screening for delirium: protocol for a survey of delirium screening practice in specialist palliative care units in the UK   | Rebecca Woodhouse, Miriam Johnson, Jason W Boland, Imogen Featherstone, Najma Siddiqi                                     | Friday   |