15TH ANNUAL MEETING OF THE EUROPEAN **DELIRIUM ASSOCIATION** XXVI CONGRÉS DE LA SOCIETAT CATALANA DE **GERIATRIA I GERONTOLOGIA** NOVEMBER 16-17-18-19, 2021 • VIRTUAL



THE ODYSSEY OF DELIRIUM ACROSS CLINICAL AND RESEARCH SETTINGS





SOCIETAT CATALANA DE GERIATRIA I GERONTOLOGIA





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DELIRIUM ASSOCIATIONXXVI CONGRÉS DE LA
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Barcelona, April 28th, 2021

It is our pleasure to announce the **2021 edition of the European Delirium Association (EDA)** annual meeting, which will be held in **Barcelona on the 17-19 of November of 2021**,. Due to the uncertainty about the pandemic situation, the conference will be virtual.

Since 2006, the EDA annual meeting has progressively grown, to become an essential meeting for the broad and cross-sectional healthcare and research sectors interested in delirium. The last editions of the meeting have brought together more than 300 professionals from Europe, North America and Australia and, increasingly, from South American and Asia. This trend will surely increase further with this new edition. The dramatic events related to the COVID-19 pandemic have stressed even more the need of providing a high quality evidence-based care to vulnerable persons. Delirium has an high incidence and prevalence in COVID-19 patients, and clearly many healthcare systems were not adequately prepared to correctly detect and manage it.

The 2021 meeting will be co-hosted and co-organized with the Catalan Society of Geriatrics and Gerontology, a historical society with 40 years of history in the region around Barcelona, dedicated to research on aging and the care of older persons. This partnership with the EDA will replace the annual meeting of this local society. Other local societies, such as the Catalan Society of Intensive and Critical care Medicine, the Catalan Society of Psychiatry and Mental Health and the Catalanobalear Society of Nursing, also support this event.

Delirium occurs across many patient populations and settings – therefore we have based the programme around a "patient journey" to allow us to highlight a broad view from public

health, primary care, acute hospitals, and recovery. Delirium in COVID-19 patients will find also a relevant spot in the program.

We will also host two important pre-conference events on November 16: A teaching day aimed predominantly at local healthcare providers and a pathophysiology symposium aimed at preclincal and clincal researchers interested in understanding the mechanisms driving delirium. These events have generated significant interest in recent years and have broadened the audience of the conference.

We are convinced that this 2021 conference will be a breakthrough event in increasing awareness, and biological understanding, of this very prevalent syndrome, which affects up to 20% of hospitalized patients. Delirium represents a significant burden for patients, for caregivers and for society, from clinical, economic and quality of life viewpoints, and we urgently need to implement effective and efficient strategies for its prevention and management.

In the coming weeks, you will receive the preliminary program and all the information related to the Congress.

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Marco Inzitari

President of the EDA 2021 Organizing Committee President of the Catalan Society of Geriatrics and Gerontology and Gerontology



Arjen J.C. Slooter President of the European Delirium Organization

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	TEACHING DAY - Tuesday 16th (CET Time)		EDA satellite
	Chairs > Neus Gual. Geriatrician Esteban Sepúlveda. Psychiatrist	14:00-15:15	DELIRIUM PATH Chair ► Colm Cu
15:30-16:00	 Diagnosticar delirium en los distintos entornos / Diagnosing delirium in different settings José Franco & Esteban Sepúlveda. Psychiatrists 		14:15
16:00-16:30	Neuropsicología del <i>delirium / Delirium neuropsychology</i> ► Ana Gaviria. Neuropsychologist		14:35
16:30-17:00	Humanización de las unidades de curas intensivas y otras medidas terapéuticas no farmacológicas para el manejo de <i>delirium</i> en UCI / Humanization of Intensive Care Units and other non-pharmacological therapeutic measures for delirium in the ICU		14:55
	Jesús Caballero. Intensivist	15:15- 15:30	Break
17:00-17:30	 Prevenir el delirium en urgencias / Preventing delirium in the Emergency Department Laia Casas Llopart. ED nurse 	15:30- 17:00	DELIRIUM PATH 15:35
17:30- 18:00	Break		
18:00-18:30	Tratamiento farmacológico de los síntomas del <i>delirium</i> : papel de los antipsicóticos y otras propuestas terapéuticas / Pharmacological treatment of delirium symptoms: role of antipsychotics and other treatment options ► Leire Narvaiza. Psychiatrist		15:55
18:30-19:00	Manejo del <i>delirium</i> mediante terapia ocupacional y fisioterapia / Managing delirium with occupational and physical therapy ► M. Gracia Carpena. Occupational therapist		16:15
19:00-19:30	 Delirium y cirugía: intervenciones pre, intra y postquirúrgicas para prevenir el delirium Delirium and surgery: pre, intra and post-surgical approach to prevent delirium Lucía Lozano. Geriatrician 		16:40
19:30-20:00	Aspectos éticos del manejo de la persona con <i>delirium / Ethical aspects of managing persons with delirium</i> ➤ Montse Esquerda. Pediatrician, psychologist, bioethicist	17:00	Close

	EDA satellite	symposium - Tuesday 16th (CET Time)
-15:15	DELIRIUM PATHO Chair > Colm Cun 14:15 14:35 14:55	
15:30	Break	
17:00	15:35 15:55 16:15	PHYSIOLOGY (continue) Synaptic loss in a trauma-induced delirium-like syndrome Speaker > Dr. Tobias Boeckers Overlapping CSF pattern in synaptic function-related proteins in patients with delirium and Alzheimer's disease Speaker > Dr. Wilson F. Abdo Hypersensitivity of multiple cell types in the Amyloidogenic brain leads to disproportionate responses to acute inflammatory insults Speaker > Dr. Colm Cunningham Panel Discussion QGA with all speakers

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AUDITORIUM - Wednesday 17th (CET Time) 15:40 Welcome 15:40 Professor Arjen Slooter, President of the EDA Marco Inzitari, Chair of the Local Organizing Committee. 16:30 Session 1. Impact of delirium on the society and on healthcare services Chair > Alasdair M J MacLullich Edinburgh Delirium Research Group, University of Edinburgh 15:40 Impact and costs of delirium on the society Speaker > Gideon Caplan. Sydney, New South Wales Australia 16:05 Potential impact of delirium on lower and middle income countries Speaker > Barbara Kamholz. Department of Psychiatry. University of California, San Francisco, USA 17:00 Session 2. Co-production and implementation in the community:

Lessons from the Greater Manchester community delirium toolkit Soeakers > Emma Vardy. Consultant Geriatrician Northern Care

Alliance NHS Foundation trust and Honorary Senior lecturer University of Manchester, United Kingdom Helen Pratt. Project Manager/registered mental health

nurse, Dementia United, Greater Manchester Health and Social Care Partnership, United Kingdom

ROOM 1 - Wednesday 17th (CET Time)		
Oral presentat	tions from submitted abstracts	
	rah Richardson	
	mplex needs	
15:40	The relationship between pain and delirium in older hospital inpatients.	
	Systematic review and meta-analysis of the impact of analgèsics	
	Speaker 🕨 Elizabeth Sampson. University College London, UK	
15:50	Evaluation of bedside attention and arousal measures in delirium	
	superimposed on Lewy body disease and dementia	
	Speaker > Rachael Lawson. Translational and Clinical Research Institute,	
	Newcastle University, UK	
16:00	"SENSE LLIGAMS": The consolidation of a project to reduce physical	
	restrains in an intermediate care hospital	
	Speaker 🕨 Cristina Udina. Parc Sanitari Pere Virgili, Barcelona, Spain	
16:10	Speaker > Cristina Udina. Parc Sanitari Pere Virgili, Barcelona, Spain Early and preventive treatment decreases the incidence and duration of delirium	
	Speaker 🕨 Eugenia Sopena. Hospital Sociosanitario Francoli. Tarragona. Spain	
16:20	Cognitive function and psychotropic drugs at intermediate care in the	
	covid-19 pandemic: comparison of a cohort before and during covid-19	
	Speaker 🕨 Gloria Bravo. Corporació Sanitaria Universitària Parc Taulí,	
	Sabadell, Spain	
16:30	The relationship between pain and delirium in older hospital inpatients.	
	Systematic review and meta-analysis	
	Speaker 🕨 Emily West. University College London, UK	
16:40	Delirium in people with severe mental illness: a retrospective cohort study	
	Speaker 🕨 Yehudit Bauernfreund. University College London, UK	

17:00-17:30 Break & Poster Viewing

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and treatment

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AUDITORIUM - Wednesday 17th (CET Time)

Chair > Marco Inzitari. Parc Sanitari Pere Virgili, Barcelona, Spain Frailty and delirium: new insights as keys for diagnosis, prognosis

Speaker
Kenneth Rockwood, Division of Geriatric Medicine.

Klinikum Bethel Bielefeld Germanv

vulnerable persons

18:50 Delirium and dementia: overlap and differences

19:10 Living labs in dementia, a new perspective to assess

Session 3. Delirium and dementia in primary care and in the community Chair ► Stefan H. Kreisel. Division of Geriatric Psychiatry Evangelisches

> 18:30 Epidemiology of delirium and dementia in the community Speaker ► Daniel Davis. LMRC Unit for Lifelong Health and

> > Speaker > Alessandro Morandi. Hospital Le Ancelle, Cremona,

Speaker > Jan PH Hamers. Maastricht University, The Netherlands

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18:30-19:30	Oral presentations from submitted abstracts	
	Chair 🕨 Roberta Esteves Vieira de Castro	
	Delirium in acute care	
	18:30 Positive 4AT Score Is Linked To Mortality, Length of Stay and Home Ti	ne:
	A Two-Centre Study of 82,770 Emergency Admissions	
	Speaker 🕨 Temi Ibitoye. University of Edinburgh, UK	
	18:40 Heterogeneity in design and analysis of ICU delirium randomized trial	S:
	a systematic review	
	Speaker 🕨 Elizabeth Colantuoni. Johns Hopkins University, USA	
	18:50 Impact of delirium in elderly patients hospitalized for Covid-19 and	
	evolution at three months	
	Speaker 🕨 Margarita Sanchez-Arcilla. Hospital Universitario Vall Hebrór	l,
	Barcelona, Spain	
	19:00 Atypical delirium and severe COVID-19. Uncoding unspecificity	
	Speaker 🕨 Miguel Alonso. Hospital Universitario de La Princesa, Madrid, S	pai
	19:10 Follow-up of an Observational Cohort of Postoperative Delirium in an	
	Older Elective Arthroplasty Population ? Protocol and Recruitment Up	ate
	Speaker > Aoife Sweeney. Centre for Public Health, Queens University	
	Belfast, Belfast, UK	

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ROOM 1 - Thursday 18th (CET Time) Parallel Session 1. Delirium in the hospital Chair **Ester Risco.** Head of Research, Innovation and Education of the Nursing Department, Parc Taulií Hospital, Sabadell, Catalonia, Spain 15:30 Results of the delirium day Italian-Catalan initiative Speaker > Giuseppe Bellelli. Head of the Acute Geriatric Unit, San Gerardo Hospital, Monza, Italy 16:00 Delirium in COVID-19 patients Speaker > Neus Gual. Geriatrician, REFiT Research group, Parc Sanitari Pere Virgili and Vall d'Hebrón Research Institute (VHIR), Speaker ▶ Jin Ho Han. Vanderbilt University Medical Center, 16:30 Delirium pathophysiology in acute medical wards Speaker ► Thomas Jackson. Clinician Scientist and Visiting Consultant in Geriatric Medicine, Institute of Inflammation and Ageing, Break & Poster Viewing Parallel Session 2. Delirium in orthogeriatrics Chair ▶ Maria Krogseth. Oslo Delirium Research Group, University of Oslo, Norway 17:30 Delirium in the elderly, hip fracture? Speaker 🕨 Esther Oh. John Hopkins University, USA

- Pathophysiology /CSF-studies in hip-fracture patients Speaker ▶ Leiv Otto Watne. Oslo Delirium Research Group, University of Oslo. Norway 18:30 Delirium associated with surgical procedures and anesthesia
- Katarzvina Kotfis, Poland

AUDITORIUM - Thursday 18th (CET Time)

- Parallel Session 1. Delirium in the FR
 - Chair **Emma Cunningham**. Academic geriatrician. Queen's University Belfast & Belfast Health and Social Care Trust. Ireland
 - 15:30 How nurses and other professionals could recognize delirium Speaker > Wolfgang Hasemann. Department of Practice Development Universitätsspital Basel Switzerland
 - 16:00 Delirium outcomes
 - 16:30 Is there a role for an occupational therapy intervention? Speaker 🕨 Ide O'Shaughnessy. University College Cork, Ireland

Break & Poster Viewing

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	AUDITURIUM - THUISUAY IOLII (GET THILE)		nuum I - Illuisuay Iolii (LEI Illie)
17:30-19:00	Parallel Session 2. Delirium in ICU	19:00-20:00	Oral presentations from submitted abstracts
	Chair > Anachiara Marra. Department of Neurosciences, Reproductive and		Chair 🕨 Colm Cunningham. Institute of Neuroscience, Trinity College Dublin, Ireland
	Odontostomatological sciences. University of Naples Federico II, Italy		Professionals & education
	17:30 Strategies to reduce delirium when optimizing ICU comfort and safety		19:00 ICD-coding of delirium in medical records among hospitalized older
	Speaker 🕨 John Devlin, Bouve College of Health Sciences, Northeastern		adults. A longitudinal follow-up study of the Hordaland Health Studies
	University Brigham & Women's Hospital, Boston, USA		Speaker Irit Titlestad . University of Bergen, Norway
	18:00 Non-pharmacological interventions to prevent ICU delirium;		19:10 The 4AT test as a teaching tool for delirium in medical students Speaker ► Sergio del Fresno. Unitat Docent Sant Pau. Universitat Autònoma
	a multicenter stepped wedge cluster randomized controlled trial Speaker > Paul Rood. Department of Intensive Care Medicine, Radboud		Speaker 💌 Sergio del Fresito. Offical Docent Sant Fau. Oniversital Autonoma Barcelona. Soain
	University Medical Center, Nijmegen, the Netherlands		19:20 Assessing recovery from delirium: an international survey of 199
	18:30 Frailty and Delirium in ICU patients with and without COVID-19		healthcare professionals involved in delirium care
	Speaker 🕨 Rakesh Arora. University of Manitoba, Winnipeg,		Speaker > Haruno McCartney & Erin Noble. Usher Institute, University of
	Manitoba, Canada		Edinburgh, Edinburgh, Scotland, UK
19:00-20:00	Parallel Session 3. Workshop session. Ql 'clinic', helping people progress and		19:30 Doctor Speaker ► Claire Pryor. Northumbria University, Newcastle upon Tyne, UK
	ask questions about their local projects		19:40 Knowledge on delirium of an interprofessional team in a nursing home setting
	Speakers and > Susanne Timmons, Jim Rudolph . <i>Centre</i>		Speaker > Christian Pozzi. University of Applied Sciences and Arts of
	moderators for Gerontology and Rehabilitation, School of Medicine		Southern Switzerland
	@ St. Finbarr's Hospital, Cork City, Ireland		19:50 Family caregivers' knowledge of delirium in a Psychogeriatric Unit: a
	▶ Jim Rudolph. Brown University, USA		cross-sectional study
			Speaker 🕨 Irene Carrillo Arnal. CSS Sant Jaume - Hospital de Mataró,
			Consorci Sanitari del Maresme, Mataró, Barcelona, Spain

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AUDITORIUM - Friday 19th (CET Time)

Session 4. Delirium in stroke patients and advanced diseases ▶ Sylvie De Raedt. Department of Neurology, Vrije Universiteit, Brussels, Belgium 15:00 Clinical screening and risk factors ▶ Terry Quinn. Institute of Cardiovascular & Medical Sciences, University of Glasgow, United Kingdom 15:30 Advances in the management of delirium at the end of the life Speaker > Meera Agar. University of Technology Sydney, New South Wales, Australia

KEYNOTE LECTURE

• Arjen Slooter. *President of the EDA* What anaesthesia can teach us about delirium

Speaker > Michael Avidan. Professor of Anesthesiology, Psychiatry, and Surgery, Washington University in St Louis School of Medicine, USA

ROOM 1 - Friday 19th (CET Time)

]		tions from submitted abstracts (5 for 10' each)
	Chair 🕨 Emr	ma Cunningham. Academic geriatrician. Queen's University Belfast & Belfast
		Ith and Social Care Trust. Ireland
	Interventions	& follow-up
	15:00	Overview and Strategy Analysis of Technology-Based Nonpharmacological Interventions for In-Hospital Delirium Prevention and Reduction:
		Systematic Scoping Review
		Speaker 🕨 Chan Mi Kim. University of Twente, Enschede, The Netherlands
	15:10	A standardised, bundled approach for the detection and management of
		delirium in patients admitted to elderly care wards
		Speaker 🕨 Marie Lawrence. University Hospital Coventry Warwickshire, UK
	15:20	Implementation and Evaluation of a Palliative Care Inpatient Unit's
		Delirium Guidelines: A Service Improvement Project
		Speaker Catriona Jackson. Leeds Teaching Hospitals NHS Foundation
		Trust, UK
	15/30	The Delirium Follow Up Service
	10.00	Speaker Victoria Macrae. NHS Ayrshire and Arran, UK
	15·70	Delirium in patients of an intermediate geriatric care unit. A retrospective
	10.40	transversal study
		Speaker 🕨 Maria Eugenia Campollo. Consorci Hospitalari de Vic,
		Speaker 📕 Maha Eugenia Gampullu. Gunsuru nuspitalah de Vic,
		Barcelona, Spain

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AUDITORIUM - Friday 19th (CET Time) ROOM 1 - Friday 19th (CET Time) **Oral presentations from submitted abstracts** (3 for 10' each) **Session 5.** Delirium from a management perspective Chair > Oriol Fuertes. Leader of Integrated Care at the La Unió Catalana d'Hospitals (UCH) and CEO of QIDA Chair > Giuseppe Bellelli. Head of the Acute Geriatric Unit, San Gerardo Hospital, Debate with local policy-makers and managers Speaker ▶ Adela Zabalegui. Nursing Research Director, Hospital Clinic, Barcelona Speaker ▶ Monica Botta. Medical Director, Granollers Hospital Foundation Speaker ▶ Jordi Varela. Professor, ESADE Business School and Catalan Pathophysiology & technology 17:30 Plasma neurofilament light chain protein as a predictor of days in delirium and deep sedation, mortality and length of stay in critically ill patients Speaker ➤ Valerie Page. Watford General Hospital, Watford, UK 17:40 Wave shape analysis to detect acute encephalopathy presenting as postoperative delirium using single-channel EEG Speaker ➤ Fienke Ditzel. Utrecht Brain Center University, The Netherlands 17:50 To evaluate the use of wearable technology to identify activity and sleep patterns in inpatients with delirium and Parkinson's disease Parallel Session 4. Geriatric care Speaker Gemma Bate. Newcastle University, UK Chair > Alessandro Morandi. Hospital Le Ancelle, Cremona, and Parc Sanitari Pere Virgili, Parallel Session 4. Post-discharge sequelae and education Chair 🕨 Marco Inzitari. Parc Sanifari Pere Virgili, Barcelona, Spain 18:00 Delirium epidemiology and outcomes in the nursing home 18:00 Transitions of care and delirium Speaker **>** Maria Krogseth. Norway Speaker > Bianca Buurman. RN, PhD. Amsterdam AMG 18:30 Occupation therapy and delirium 18:30 PLong-term cognitive impairment after delirium in the pre and • Evelyn Alvarez. Occupational therapist, Chile post-COVID-19 era 19:00 Delirium & other geriatric syndromes at home Speaker > Pratik Pandharipande. Vanderbilt University Medical er 🕨 Enrico Mossello. Geriatric Department, Careggi University 19:00 Education Speaker Margaret Pisani. Vice Chief for Mentoring and Career Development, Pulmonary, Critical Care, Sleep Medicine, Yale University School of Medicine

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AUDITORIUM - Friday 19th (CET Time)

19:30-20:00	Announcement of EDA 2022, ads 2022, ADA 2022; Maeve Leonard Award
	and Farewell
	SCGIG price for best Oral presentation
20:00	Close and farewell

ROOM 1 - Friday 19th (CET Time)

3:30-20:00 Announcement of EDA 2022, ads 2022, ADA 2022; Maeve Leonard Award and Farewell

Close and farewell

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