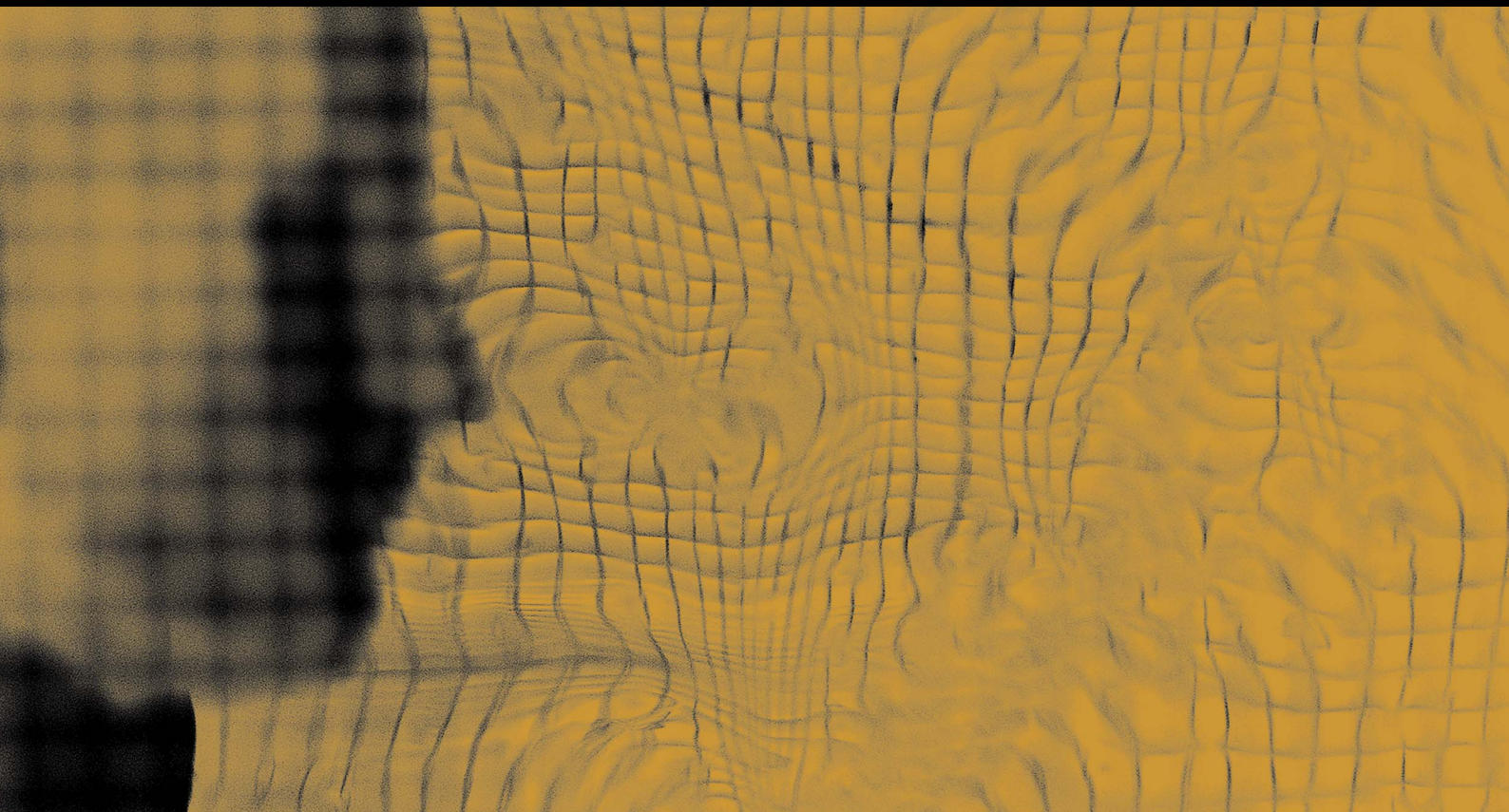


# JOURNAL OF **PSYCHIATRIC INTENSIVE CARE**

## PSYCHIATRIC INTENSIVE CARE AND LOW SECURE UNITS

Editor-in-Chief Roland Dix



# JOURNAL OF PSYCHIATRIC INTENSIVE CARE

*The official journal of the National Association of Psychiatric Intensive Care Units*

(www.napicu.org.uk)

## Editor-in-Chief

**Roland Dix**

*Consultant Nurse, Montpellier Unit, Wotton Lawn Hospital, Gloucester, UK*

## Deputy Editor

**Dr Jim Laidlaw**

*Consultant Psychiatrist, Montpellier Unit, Wotton Lawn Hospital, Gloucester, UK*

## Assistant Editors

**Dr Stephen Dye**

*Consultant Psychiatrist, Ipswich Hospital, Suffolk, UK*

**Chris Foy**

*Medical Statistician, Gloucestershire R&D Support Unit, Gloucestershire Royal Hospital, UK*

**Dr Sally Thomas**

*Technical Editor*

## Editorial Board

### Dr Dominic Beer

*Consultant Psychiatrist, Bracton Centre, Dartford, Kent, UK*

### Professor Len Bowers

*Professor of Psychiatric Nursing, Institute of Psychiatry, King's College London, UK*

### Professor Valentina Cabral Iversen

*Associate Professor, St Olavs Hospital, Department of Neuroscience, Norwegian University of Science and Technology, Trondheim, Norway*

### Chris Dzikiti

*Modern Matron, Rosebank Ward Female PICU, East London NHS Foundation Trust, Mile End Hospital, London, UK*

### Dr Kristina Gintalaite-Bieliauskienė

*Consultant Psychiatrist & Medical Lead for PICUs, Avon and Wiltshire Mental Health Partnership NHS Trust, Callington Road Hospital, Bristol, UK*

### Julie Hapeshi

*R&D Coordinator, Gloucestershire Research Support Service, UK*

### Dr James Innes

*Deputy Chief Pharmacist & Lead Pharmacist for Tower Hamlets Pharmacy Department, East London NHS Foundation Trust, Mile End Hospital, London, UK*

### Andy Johnston

*Clinical Director Working Age Adults, Avon and Wiltshire Partnership NHS Trust, UK*

### Dr Michael Jordan

*Clinical Director, Statewide Forensic Mental Health Services, Wilfred Lopes Centre, Hobart, Tasmania, Australia*

### Dr Páll Matthíasson

*Consultant Psychiatrist & Chief Executive of Mental Health Services, National University Hospital of Iceland & Clinical Associate Professor, University of Iceland, Reykjavik, Iceland*

### Dr Leon Meek

*Engagement, Physical Health & Activity Team Leader, Greyfriars PICU<sup>2</sup>gether NHS Trust for Gloucestershire, UK*

### Dr Jane Melton

*Consultant Occupational Therapist, Wotton Lawn Hospital, Gloucester, UK*

### Alan Metherall

*Deputy Director of Nursing, Avon and Wiltshire Partnership NHS Trust, UK*

### Dr Aileen O'Brien

*Consultant Psychiatrist and Senior Lecturer, South West London and St George's Mental Health Trust, UK*

### Mathew Page

*Service Director, Child & Adolescent Mental Health Service, <sup>2</sup>gether NHS trust for Gloucestershire, UK*

### Professor Tom Palmstierna

*Professor of Psychiatry, Karolinska Institutet, Sweden*

### Dr Caroline Parker

*Consultant Pharmacist, Central & North West London NHS Trust, UK*

### Dr Stephen Pereira

*Honorary Senior Lecturer, King's College London School of Medicine*

### Peter Pratt

*Chief Pharmacist, Sheffield Health & Social Care NHS Foundation Trust, UK*

### Jeanne Pretorius

*Occupational Therapist, Plumstead, London, UK*

### Professor Saxby Pridmore

*Professor of Psychiatry, School of Medicine, University of Tasmania, Australia*

### Dr Faisal Sethi

*Consultant Psychiatrist, PICU, Maudsley Hospital, South London & Maudsley NHS Foundation Trust, London, UK*

### Dr Michael Travis

*Director of Psychiatrist Residency Training, Western Psychiatric Institute & Clinic, Pittsburgh, USA*

### Dr Paul Winterbottom

*Consultant Psychiatrist in Learning Disability, Medical Director, <sup>2</sup>gether NHS trust for Gloucestershire, UK*

## Editorial Office

JPI Editorial Office, Montpellier Unit, Wotton Lawn Hospital, Horton Road, Gloucester, GL1 3WL, UK.

Tel: +44 (0)1452 894 580. Fax: +44 (0)1452 891 585. Email: journal@napicu.org.uk

## Journal Mission Statement

Published bi-annually, the International Journal of Psychiatric Intensive Care (ISSN 1742-6464) is devoted to issues affecting the care and treatment of people with mental disorder who manifest severely disturbed mental or behavioural functioning. By design, the Journal is international and multi-disciplinary in its approach. It serves the interest of all professionals concerned with these topics whether they work in Psychiatric Intensive Care Units (PICUs), Low Secure Units, Challenging Behaviour, Emergency Psychiatry, Intensive Treatments or in other parts of the wider mental health system.

All aspects of psychiatric intensive care are covered within the Journal, which seeks to encourage informed debate and exchange of opinion and thereby become the essential journal in this field. The content of the Journal includes editorials, original articles, brief reports, reviews, conference reports, news and notices. Preference is given to original research of a high scientific quality.

The Journal of Psychiatric Intensive Care is the official publication of NAPICU.

## Subscriptions

The online subscription prices of Vol. 10 (2014) are as follows:

Institutional (Online): £174.00 (USD \$322.00)

Individual (non-member): £39.00 (USD \$73.50)

Orders, which must be accompanied by payment, may be sent to any bookseller, subscription agent or direct to the publisher:

Cambridge University Press, Customer Services – Journals, Edinburgh Building, Shaftesbury Road, Cambridge, CB2 8RU, UK. For further information visit:

<http://journals.cambridge.org/jpi>

The journal is available to members of NAPICU as a benefit of their membership. To contact NAPICU and to review the list of benefits of membership, please visit the website on: [www.napicu.org.uk](http://www.napicu.org.uk)

## Advertising

*Contact for further information*

North America (USA, Canada, Mexico)

Advertising Sales

Lisa Pang,

Email: [journals\\_advertising@cup.org](mailto:journals_advertising@cup.org)

*All other countries*

Advertising Sales

Amy O'Leary

Email: [ad\\_sales@cambridge.org](mailto:ad_sales@cambridge.org)

## Permissions

For information on copying and all other use, permission must be sought from Cambridge University Press.

© NAPICU 2014

# JOURNAL OF PSYCHIATRIC INTENSIVE CARE

---

## CONTENTS

### Editorial

- Acute mental health care; lessons from opera and Iceland 1  
*Roland Dix*

### Commentary

- Lessons we can learn from opera 5  
*Henck P.J.G. van Bilsen*

### Original Research Articles

- Creating a high quality consultant led psychiatric intensive care unit  
multidisciplinary team ward round 13  
*Peter Curtis, Faisal Sethi, Farhana Ahmed*
- Gender differences in hospitalised patients' perceived reasons for their depression 23  
*Brandon A. Gaudiano, Kathryn Nowlan, Jessica A. Hughes, Ivan W. Miller*

### Review Articles

- Non-forensic secure services for adolescents: what are we talking about? 33  
*Benjamin Keene, Rakendu Suren, Rafik Refaat*
- Medical guidelines for PICU seclusion reviews 40  
*Vishal Bhavsar, Faisal Sethi, Bradley Hillier*

### Case Reports

- Two case reports: 'delusions' arising in virtual reality 51  
*Bradley Hillier, Faisal Sethi*
- The use of tinnitus sound generators for auditory hallucinations 57  
*Rohul Amin, Candice E. Ortiz, Karen Parisien*