### Save the Date!



# 15<sup>th</sup> International Congress

Reinventing Aging Through Innovation
Care • Research • Technology

6-9 September 2011
The Hague, The Netherlands

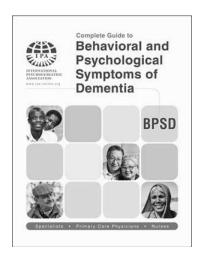
The International Psychogeriatric Association (IPA) is committed to bringing the newest information from the field to its scientific programs.

For information contact the IPA Secretariat:

Email: ipa@ipa-online.org Web: www.ipa-online.org

IPA ... Better Mental Health for Older People





### Newly Revised!

# The IPA Complete Guide to Behavioral and Psychological Symptoms of Dementia (BPSD)

BPSD are recognizable, understandable and treatable. Appropriate management strategies of BPSD are important factors in improving our care of dementia patients and their caregivers.

Developed in 1998, updated in 2002 and recently revised, the International Psychogeriatric Association (IPA) offers this popular comprehensive resource with modules that provide a useful overview of the presentation and causes of BPSD, giving constructive guidance on treatment interventions, both pharmacological and non-pharmacological, coupled with information on caregiver education and support.

#### Modules:

- 1 An introduction to BPSD
- 2 Clinical issues
- 3 Etiology
- 4 Role of family caregivers
- 5 Non-pharmacological treatments
- 6 Pharmacological treatments
- 7 Cross-cultural and transnational considerations

... PLUS guides specifically designed for nurses and primary care physicians are also available!

Available online at no charge to IPA members!

Join IPA today!

www.ipa-online.org

## Coming soon as a webinar!



## IPA Neuroimaging in Dementia

# Attend this popular IPA workshop and never leave your office!

Starting soon, IPA is planning to offer this program online. Presented by the same outstanding international experts, providing information on the latest advances in neuroimaging with real life examples and using an interactive teaching style, the webinars are destined to be as successful as the original workshop which has been offered many times and always receiving excellent evaluations!

For more information, watch the *IPA Bulletin* and IPA Website.

Email: ipa@ipa-online.org Web: www.ipa-online.org

IPA ... Better Mental Health for Older People





#### International Psychogeriatric Association (IPA)

Representing more than 66 countries around the world, IPA is a unique and diverse professional healthcare community promoting better geriatric mental health — across disciplines, across borders, and across geriatric issues. Psychiatrists, Scientists, Neurologists, Geriatricians, Primary Care Physicians, Epidemiologists, Nurses, Psychologists, Occupational Therapists, Social Workers, and many other healthcare professionals come to the IPA community from all over the globe to discuss, learn, share, and research information about behavioral and biological aspects of geriatric mental health. IPA's leaders and members contribute their wealth of expertise and knowledge from the research, clinical, education, service and program development arenas.

There are many benefits to being a member of IPA, including a subscription to this peer-reviewed journal, *International Psychogeriatrics*. For more information please contact info@ipa-online.org.

#### **IPA Board of Directors**

#### **Officers**

Masatoshi Takeda, *President, Japan*Jacobo Mintzer, *President-Elect, United States*Jill Rasmussen, *Treasurer, United Kingdom*Horácio Firmino, *Treasurer-Elect, Portugal*Daniel O'Connor, *Secretary, Australia*Helen Fung-kum Chiu, *Immediate Past President, Hong Kong SAR PR China* 

#### **Directors**

Heii Arai, *Japan*Sabine Bährer-Kohler, *Switzerland*Olusegun Baiyewu, *Nigeria*Susan Benbow, *United Kingdom*Cássio Machado de Campos Bottino, *Brazil*Ramón Cacabelos, *Spain*David Conn, *Canada*Peter Paul De Deyn, *Belgium*Brian Draper, *Australia*Serge Gauthier, *Canada*Doh Kwan Kim, *South Korea*Ken Laidlaw, *United Kingdom*Carlos de Mendonça Lima, *Brazil* 

Jay Luxenberg, *United States*Kiyoshi Maeda, *Japan*Raimundo Mateos, *Spain*John T. O'Brien, *United Kingdom*Nancy Pachana, *Australia*Leonardo Pantoni, *Italy*Anne Margriet Pot, *Netherlands*Mary Sano, *United States*Guk-Hee Suh, *South Korea*Gregory Swanwick, *Ireland*Frans R.J. Verhey, *Netherlands*Huali Wang, *PR China* 

#### **Executive Director**

Susan M. Oster, United States



The International Psychogeriatric Association (IPA) is the leading multidisciplinary, international organization dedicated to the advancement of geriatric mental health knowledge.

#### **Benefits of IPA Membership Include**

- An opportunity to interact with colleagues around the world who share an interest in advancing research, education, and theory about mental health in older people
- Education and meetings reflecting the many disciplines in Psychogeriatrics and the collective expertise of the world; IPA members receive special "members only" rates for all our meetings and activities
- A subscription to *International Psychogeriatrics*, IPA's peer-reviewed journal, which includes eight issues per year and any additional special-focus supplements
- The IPA Bulletin, an informative quarterly newsletter
- **IPA Online** the IPA website including member area with special features including access to fellow members, and the IPA Learning Portal
- Support the growth of Psychogeriatrics around the world, including contributing to the Sponsored Member Program to help associations in developing countries pass knowledge to their members
- Behavioral and Psychological Symptoms of Dementia (BPSD) Education Materials are available to IPA members in electronic format at no charge. The BPSD materials include the *newly revised* seven module *IPA Complete Guide to BPSD*, the *Primary Care Physician's Guide to BPSD*, and the *Nurses' Guide to BPSD*.

IPA's membership dues have been adjusted to accommodate the needs of a wide variety of colleagues worldwide. To find out what the membership rates are for your country, please visit www.ipa-online.org.

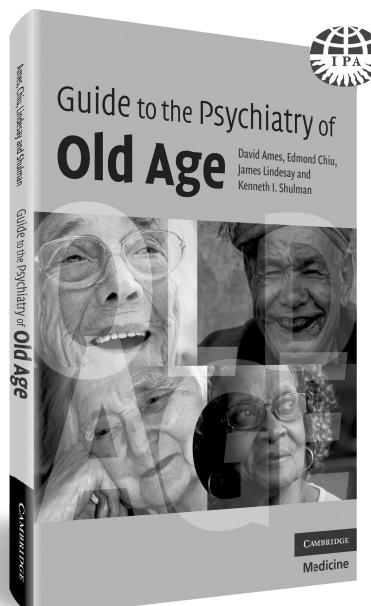
To join or to obtain a membership application, bookmark the IPA website at http://www.ipa-online.org, or contact:

#### **International Psychogeriatric Association**

E-mail: membership@ipa-online.org Website: http://www.ipa-online.org Telephone: +1.847.501.3310 ● Fax: +1.847.501.3317 550 Frontage Road, Suite 3759 Northfield, IL 60093 USA

#### IPA ... Better Mental Health for Older People

#### Medicine



Endorsed by the International Psychogeriatric Association

David Ames, University of Melbourne Edmond Chiu, University of Melbourne James Lindesay, University of Leicester Kenneth Shulman, University of Toronto

## 25% discount for IPA Members

Enter promotional code IPA10 when you add to basket order here www.cambridge.org/9780521681919

Paperback 9780521681919

July 2010 GBP 29.99

### Compact, accessible and affordable

Each chapter is sharp, clear and practical, enhanced by tables and diagrams for quick assimilation and reference on the ward or in the clinic

Coverage also includes legal and ethical issues, and the neglected topic of alcohol and drug abuse in the elderly

www.cambridge.org/medicine



# International Psychogeriatrics



#### Scope and contributions

International Psychogeriatrics is written by and for those doing clinical, teaching, and research work with older people. It is the official journal of the International Psychogeriatric Association (IPA) and is published by Cambridge University Press, Cambridge, UK. Although it is primarily concerned with psychogeriatrics, the journal welcomes contributions from all concerned with the field of mental health and aging. Original research papers are particularly sought.

Contributions include original research articles, case reports, reviews of the literature, book reviews, letters to the editor, and editorials. Apart from editorials and book reviews, which are commissioned, contributions to International Psychogeriatrics are spontaneously written and submitted by authors. Papers are reviewed by two expert reviewers selected by the Editor-in-Chief. At present, about half of the papers submitted are accepted for publication. The journal's Science Citation Index impact factor is 2.506 (2009). Submission of a paper implies that it is neither under consideration for publication elsewhere, nor previously published in English. Manuscripts must be formatted double-spaced with ample margins on all sides and the pages should be numbered. International Psychogeriatrics uses the spelling of American English. Manuscripts written by those whose primary language is not English should be edited carefully for language prior to submission. The journal has a Language Assistance Panel consisting of both native English speakers willing to check mauscripts for style prior to submission, and bilingual experts willing to assist with the translation of manuscripts into English. Further details including contact information for individual panel members can be found at both the journal and IPA websites (journals.cambridge.org/ipg and www.ipa-online.org).

An up to date version of the journal's instructions for contributors can be found at the *International Psychogeriatrics* website journals. cambridge.org/ipg. Please read these instructions carefully before submitting articles. **Articles that are not prepared in accordance with these guidelines will be returned to authors.** 

Manuscripts should be submitted online via our manuscript submission and tracking site, <a href="http://mc.manuscriptcentral.com/ipg">http://mc.manuscriptcentral.com/ipg</a>. Full instructions for electronic submission are available directly from this site.

#### **Important Addresses**

Office of the Editor-in-Chief
Nicola Lautenschlager Editor-in-Chief, International Psychogeriatrics
Normanby House,
St George's Hospital,
283 Cotham Rd.,
Kew, Victoria 3101,
Australia

#### For business matters:

Ms. Susan M. Oster Managing Editor, *International Psychogeriatrics* International Psychogeriatric Association 550 Frontage Road, Suite 3759 Northfield, IL 60093 USA

Email: ipa@ipa-online.org Tel: +1 847 501 3310 Fax: +1 847 501 3317 Web: www.ipa-online.org

#### For book review matters:

Dr. Michael Philpot Maudsley Hospital, Mental Health of Older Adults Directorate 115 Denmark Hill, London SE5 8AZ UK

Email:

mike.philpot@slam.nhs.uk Tel: +44 (0)203 228 1640 Fax: +44 (0)203 228 1619.

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Enquiries about advertising should be sent to the Journal's Promotion Department of the Cambridge or American Branch of Cambridge University Press.

© 2011 International Psychogeriatric Association

PRINTED IN THE UNITED KINGDOM AT THE CAMBRIDGE UNIVERSITY PRESS, CAMBRIDGE

Email: ipaj-ed@unimelb.edu.au Tel +61 3 9816 0485 Fax +61 3 9816 0477

# **International Psychogeriatrics**

#### CONTENTS

**Guest Editorial** 

1 Opening the door to older consumers: Pandora's box or the way ahead?
Briony Dow and Colleen Doyle (Australia)

Review

4 A systematic review of stress in staff caring for people with dementia living in 24-hour care settings

Catherine Pitfield, Khodayar Shahriyarmolki and Gill Livingston (U.K.)

Original Research Articles 10 Modernizing mental health services for older people: a case study Niall McCrae and Sube Baneriee (U.K.)

20 Future costs of dementia-related long-term care: exploring future scenarios
Adelina Comas-Herrera, Sara Northey, Raphael Wittenberg, Martin Knapp, Sarmishtha Bhattacharyya and Alistair Burns (U.K.)

31 A validated risk score to estimate mortality risk in patients with dementia and pneumonia: barriers to clinical impact
Jenny T, van der Steen, Gwenda Albers, Els Licht-Strunk, Martien T, Muller and Miel W, Ribbe (The Netherlands)

44 Predictors of nursing home admission among Alzheimer's disease patients with psychosis and/or agitation Edward Alan Miller, Lon S. Schneider and Robert A. Rosenheck (U.S.A.)

54 Incidence and predictors of excess disability in walking among nursing home residents with middle-stage dementia: a prospective cohort study

Susan E. Slaughter, Misha Eliasziw, Debra Morgan and Neil Drummond (Canada)

65 Elopement among community-dwelling older adults with dementia

Jenny C. C. Chung and Claudia K. Y. Lai (Hong Kong)

73 Relative importance of patient disease indicators on informal care and caregiver burden in Alzheimer's disease
Niklas Bergvall, Per Brinck, Daniel Eek, Anders Gustavsson, Anders Wimo, Bengt Winblad and Linus Jönsson (Sweden)

86 Assessment of dementia in ethnic minority patients in Europe: a European Alzheimer's Disease Consortium survey
T. Rune Nielsen, Asmus Vogel (Denmark), Matthias W. Riepe (Germany), Alexandre de Mendonça (Portugal), Guido Rodriguez, Flavio Nobili (Italy), Anders Gade and Gunhild Waldemar (Denmark)

96 Can the CAMCOG be a good cognitive test for patients with Alzheimer's disease with low levels of education? Ivan Aprahamian, José Eduardo Martinelli, Juliana Cecato, Rafael Izbicki and Mônica Sanches Yassuda (Brazil)

102 Assessment of memory function: the relation between daily observation and neuropsychological test performance
A. Persoon, R. P. C. Kessels, L. Joosten-Weyn Banningh, J. Verkoelen, T. van Achterberg and M. G. M. Olde Rikkert (The Netherlands)

107 Executive functioning mediates the link between other neuropsychological domains and daily functioning: a Project FRONTIER study
Sid E. O'Bryant, Jed Falkowski, Valerie Hobson, Leigh Johnson, James Hall, Gregory W. Schrimsher, Ohmar Win, Bichthy Ngo and Andrew Dentino (U.S.A.)

114 Aerobic fitness and multidomain cognitive function in advanced age Yael Netz. Tzvi Dwolatzky. Yael Zinker. Esther Argov and Ruth Agmon (Isrgel)

125 Development and validation of a short form of the Geriatric Anxiety Inventory – the GAI-SF Gerard I. Byrne and Nancy A. Pachana (Australia)

132 A morphometric examination of neuronal and glial cell pathology in the orbitofrontal cortex in late-life depression
Ahmad Khundakar. Christopher Morris. Arthur Oakley and Alan J. Thomas (U.K.)

**141 Electrophysiological changes in late life depression and their relation to structural brain changes**Sebastian Köhler (The Netherlands), C. Heather Ashton, Richard Marsh, Alan J. Thomas, Nicky A. Barnett and John T. O'Brien (U.K.)

149 Volumetric reduction in various cortical regions of elderly patients with early-onset and late-onset mania Shou-Hung Huang, Shang-Ying Tsai, Jung-Lung Hsu and Yi-Lin Huang (Taiwan)

155 Clinical characteristics of older male military veterans seeking treatment for erectile dysfunction
Sharry A. Begudegu Tiffony Ridgay and Robert A. Zeiss (LLS A.)

Sherry A. Beaudreau, Tiffany Rideaux and Robert A. Zeiss (U.S.A.)

161 Psychometric properties of the International Wellbeing Index in community-dwelling older adults

C. Rodriguez-Blazquez, B. Frades-Payo, M. J. Forjaz, A. Ayala, P. Martinez-Martin, G. Fernandez-Mayoralas and F. Rojo-Perez on behalf of the Spanish Group on Quality of Life and Ageing (Spain)

**Book Review** 

170



