

IPA/SEPG Joint **International Congress**



31 AUGUST - 3 SEPTEMBER 2019



Santiago de Compostela, Spain



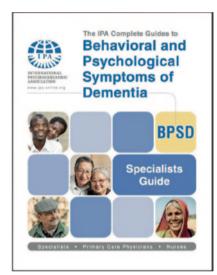


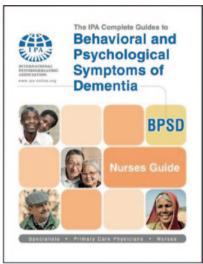


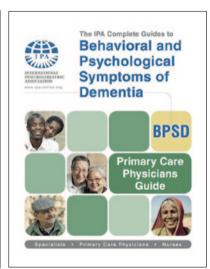
www.ipa-online.org/2019congress



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







Specialists Guide Recently Revised!

Nurses Guide

Primary Care Physicians Guide

The <u>Only</u> Resources You Need for *All* of the Members of Your Team!

The IPA Complete Guides to Behavioral and Psychological Symptoms of Dementia (BPSD) are available to all members of the International Psychogeriatric Association (IPA).

To learn more about IPA and access the Guides, please visit: www.ipa-online.org



Submit an Article for the IPA Bulletin!

The *IPA Bulletin* is the quarterly newsletter of the International Psychogeriatric Association (IPA). In addition to news about IPA and related organizations, the *IPA Bulletin* contains articles on recent advances and initiatives in the field in of psychogeriatrics. The *IPA Bulletin* reaches all the members of IPA, including our affiliates around the world.

Research and Practice. The Research and Practice section of the IPA Bulletin highlights recent advances in psychogeriatrics and related fields. Articles from all fields related to the mental health of older people are welcome.

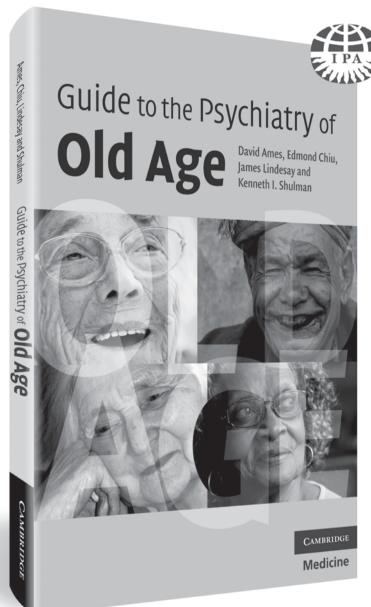
Around the World. The Around the World section of the IPA Bulletin features articles by clinicians and researchers which report on activities and issues within their country or region. These articles seek to educate others on the state of the field in other countries and provide unique perspectives from around the world.

To learn more about the *IPA Bulletin*, visit our website:

www.ipa-online.org

CAMBRIDGE

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 Psychogeriatric Association Better Mental Health for Older People

IPA NEEDS YOU!



About IPA

The International Psychogeriatric Association (IPA), founded in 1982 and representing members in more than 50 countries, 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 around the world to discuss, learn, share and research information about behavioral and biological aspects of geriatric mental health. IPA promotes research and education, facilitates an international exchange of ideas, and fosters cross-cultural understanding of the latest developments in the field.

IPA Membership

The International Psychogeriatric Association (IPA) encourages professionals from all backgrounds related to geriatric mental health to join our healthcare community. Here are some of the many benefits of joining IPA:

- Unique opportunities to interact with colleagues around the world how share an interest in advancing research, education, and theory about mental health care in older adults.
- Valuable discounts on participation in education and scientific meetings which reflect the full spectrum of disciplines related to psychogeriatrics. Reduced registration rates for the annual IPA International Congress and IPA Regional Meetings are included.
- Relevant publication on updates in the field, including *International Psychogeriatrics*, IPA's peer reviewed journal which publishes twelve issues per year and additional special-focus supplements.
- Access to online educational materials and The IPA Complete Guides to Behavioral and Psychological Symptoms of Dementia (BPSD).
- Subscription to the *IPA Bulletin*, IPA's newsletter which features articles on advances in the field and information on upcoming programs around the world.
- Participation in the IPA Member Forums smaller member groups which enable members to connect with one another and collaborate on research and clinical care practices. These forums reflect the diversity of interests within geriatric mental health.

How to Join

To learn more about IPA and become a member, please visit our website: www.ipa-online.org. IPA offers a one-year membership for \$160 USD. One-year student or retired memberships are available for \$99 USD. A limited number of Lifetime Memberships are also available for \$1000 USD. The IPA Secretariat is available to answer any questions you may have about IPA or membership. Please contact us at +1 414 918 9889 or by email at info@ipa-online.org.

Have Questions? Contact us!

International Psychogeriatric Association 555 East Wells Street, Suite 1100

Milwaukee, WI 53202

United States

Phone: +1 414 918 9889 Fax: +1 414 276 3349 Twitter: @IPA_Online www.ipa-online.org info@ipa-online.org



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, 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 usually reviewed by two expert reviewers selected by the Editor-in-Chief. At present, about one-third of the papers submitted are accepted for publication. The journal's Science Citation Index impact factor is 2.423 (2016). 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, http://mc.manuscriptcentral.com/ipg. Full instructions for electronic submission are available directly from this site.

Important Addresses

Office of the Editor-in-Chief Dilip V. Jeste, Editor-in-Chief International Psychogeriatrics Sam and Rose Stein Institute for Research on Aging University of California, San Diego 9500 Gilman Drive #0664 San Diego. CA 92093, USA

For business matters:

Kate Filipiak Managing Editor, International Psychogeriatrics International Psychogeriatric Association 555 E. Wells Street, Suite 1100 Milwaukee, WI 53202 United States

Email: ipa@ipa-online.org Tel: +1 414 918 9889 Fax: +1 414 276 3349 Web: www.ipa-online.org

For book review matters:

Barton W. Palmer University of California, San Diego 8950 Villa La Jolla Drive, Suite B122 La Jolla, CA 92037, USA

Email: bpalmer@ucsd.edu

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.

© 2019 International Psychogeriatric Association

PRINTED IN THE UK BY BELL AND BAIN LTD

Email: ipaj-ed@cambridge.org

International Psychogeriatrics

Issue Theme: Diverse Approaches to Stemming Cognitive Decline

CONTENTS

Editorial 913 Cognitive decline in older adults: applying multiple perspectives to develop novel prevention strategies

Fmily B. H. Treichler and Dilip V. Jeste

Commentaries 917 Potential mediators of the relationship between internet usage and cognition

Jerad H. Moxley and Sara J. Czaja

921 Artificial intelligence and risk prediction in geriatric mental health: what happens next?

Sarah A. Graham and Colin A. Depp

925 Rediscovering an old friend: a role for insulin growth factor-2 in reducing neurodegeneration, decreasing amyloid beta, and improving memory

Ruth O'Hara and Joachim Hallmayer

Theme Articles 929 Maintaining cognitive function with internet use: a two-country, six-year longitudinal study

Jessica Berner, Hannie Comiis, Sölve Elmståhl, Anna-Karin Welmer, Johan Sanmartin Berglund, Peter Anderberg, and Dorly Deeg

937 A clinically-translatable machine learning algorithm for the prediction of Alzheimer's disease conversion: further evidence of its accuracy via a transfer learning approach

Massimiliano Grassi, David A. Loewenstein, Daniela Caldirola, Koen Schruers, Ranjan Duara, and Giampaolo Perna

947 Genome-wide RNA sequencing analysis reveals that IGF-2 attenuates memory decline, oxidative stress and amyloid plaques in an Alzheimer's

disease mouse model (AD) by activating the PI3K/AKT/CREB signaling pathway Lei Xia, Xiangyu Zhu, Ying Zhao, Guang Yang, Xiaohua Zuo, Peng Xie, Chun Chen, and Qiu Han

Review Articles 961 A meta-analysis of low-intensity cognitive behavioral therapy-based interventions for dementia caregivers

Laura Kaddour, Naoko Kishita, and Anthony Schaller

977 Dance interventions for people with dementia: systematic review and practice recommendations

Jean-Bernard Mabire, Jean-Pierre Aguino, and Kevin Charras

Original Research 989 Elderly Latino community members make an educational video: an academic-community collaboration to promote memory evaluations

Judith Neugroschl, Margaret C. Sewell, Mari Umpierre, Raquel Rodriguez, Laura Meyers, Stephanie Kranes, Carlos Aldrete, Alma Collazo, Licet Valois, and Mary Sano

997 Visual memory tests enhance the identification of amnestic MCI cases at greater risk of Alzheimer's disease

Javier Oltra-Cucarella, Miriam Sánchez-SanSegundo, Darren M. Lipnicki, John D. Crawford, Richard B. Lipton, Mindy J. Katz, Andrea R. Zammit, Nikolaos Scarmeas, Efthimios Dardiotis, Mary H. Kosmidis, Antonio Guaita, Roberta Vaccaro, Ki Woong Kim, Ji Won Han, Nicole A. Kochan, Henry Brodaty, José A. Pérez-Vicente,

Luis Cabello-Rodríguez, Perminder S. Sachdev, Rosario Ferrer-Cascales, and Cohort Studies of Memory in an International Consortium (COSMIC)

1007 A Delphi study of late-onset personality disorders

Erlene Rosowsky, Emily Lodish, James M. Ellison, and S. P. J. van Alphen

1015 Reducing risk factors for cognitive decline through psychological interventions: a pilot randomized controlled trial

Viviana M. Wuthrich, Ronald M. Rapee, Brian Draper, Henry Brodaty, Lee-Fay Low, and Sharon L. Naismith

1027 A comprehensive approach of the determinants of use of care in dementia; the Recaredem (recourse to care in dementia) cross-sectional study Laetitia Rullier, Céline Meillon, Valérie Bergua, Clément Pimouguet, Magali Gonzalez-Colaço Harmand, Catherine Helmer, Karine Pérès, Jean-François Dartigues,

and Hélène Amieva

1039 Family cohesion, burden, and health-related quality of life among Parkinson's disease caregivers in Mexico Stephen K. Trapp, Melissa M. Ertl, Susana Gonzalez-Arredondo, Yaneth Rodriguez-Agudelo, and Juan Carlos Arango-Lasprilla

1047 Social support networks and psychological wellbeing in community-dwelling older Ghanaian cohorts

Razak M. Gyasi, David R. Phillins, and Kahila Ahass

Brief Reports 1059 Prevalence and comorbidities of dementia in Israel: a nationally representative cohort study

1065 Smell identification function in early-onset Alzheimer's disease and mild cognitive impairment

Latha Velayudhan, Frances Wilson-Morkeh, Emily Penney, Amala Jovia Maria Jesu, Sarah Baillon, and Traolach Brugha



