

# 2020 IPA International Congress Lisbon, Portugal • 2 POSTPONED PO



## 2020 IPA VIRTUAL CONGRESS 2-3 OCTOBER 2020







#### 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.

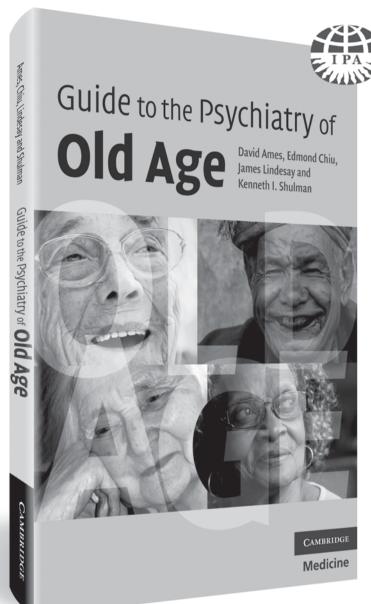
Around the World. The Around the World section of the *IPA Bulletin* features articles by clinicians and researchers which report on activities and issues within their country or region. These articles seek to educate others on the state of the field in other countries and provide unique perspectives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

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

www.ipa-online.org

#### **C**AMBRIDGE

#### 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



### **PSYCHOGERIATRICS**

#### VOLUME 20 NUMBER 4 JULY 2020

Differences in outcomes between older community-dwelling patients with bipolar disorder and schizophrenia with illness onset at young age Po-Chiao Liao, Kuo-Hsuan Chung, Pao-Huan Chen, Chian-Jue Kuo, Yu-Jui Huang and Shang-Ying Tsai	363
Determining the prevalence of depression among older adults living in Burdur, Turkey, and their associated factors  Aysun Güzel and Fatih Kara	370
Perceived stress and social support influence anxiety symptoms of Chinese family caregivers of community-dwelling older adults: a cross-sectional study Jing Shi, Aoran Huang, Yajing Jia and Xiaoshi Yang	377
Association between sleep, care burden, and related factors among family caregivers at home Hirochika Ryuno, Chieko Greiner, Yuko Yamaguchi, Hirokazu Fujimoto, Misato Hirota, Hisayo Uemura, Hitoshi Iguchi, Mai Kabayama and Kei Kamide	385
Effects of a practical training programme on burnout among professional caregivers in a care home for older adults with dementia: a pilot study María Á. Briones-Peralta, Isabel Pardo-García and Francisco Escribano-Sotos	391
Factors associated with health-related quality of life among family caregivers of people with Alzheimer's disease Xiangping Liao, Ying Huang, Ziliang Zhang, Shanquan Zhong, Gaosheng Xie, Linghong Wang and Hai Xiao	398
Evaluation of frequency of occurrence of cognitive impairment in the course of arterial hypertension in an elderly population  Joanna Kapusta, Tit Michał Kidawa, Monika Rynkowska-Kidawa, Tit Robert Irzmański and Tit Jan Kowalski	406
Mild hypertension protects the elderly from cognitive impairment: a 7-year retrospective cohort study Feng Wang, Dai Li, Lu Wang, Jialin Zhu, Minghui Zhao and Ping Lei	412
Effects of 12-month exercise intervention on physical and cognitive functions of nursing home residents requiring long-term care: a non-randomised pilot study  Akito Tsugawa, Soichiro Shimizu, Daisuke Hirose, Tomohiko Sato, Hirokuni Hatanaka, Naoto Takenoshita, Yoshitsugu Kaneko, Yusuke Ogawa, Hirofumi Sakurai and Haruo Hanyu	419
The power of the Functional Activities Questionnaire for screening dementia in rural-dwelling older adults at high-risk of cognitive impairment Ling Yin, Yifei Ren, Xiang Wang, Yunxia Li, Tingting Hou, Keke Liu, Lin Cong, Qinghua Zhang, Yongxiang Wang, Ziying Jiang and Yifeng Du	427
Relationship among independence of daily living, human relationships, and preparation for bereavement among healthy elderly Japanese people Mayumi Fukutake, Misako Shimamura, Mineko Namba and Tetsuya Ogino	437
The factors associated with inappropriate prescription patterns of benzodiazepines and related drugs among patients with dementia Shin-Chiao Tien, Hung-Yu Chan and Chun-Chi Hsu	447
The relationship between social network characteristics and depressive symptoms among older adults in the United States: differentiating between network structure and network function  Bonnie Khanh Ha Bui	458
Frailty index predicts geriatric psychiatry inpatient mortality: a case-control study Erwin Stolz, Éva Rásky and Christian Jagsch	469
An investigation of the relationship between ageing in place and successful ageing in elderly individuals  Hasret Yalcinoz Baysal, Betül Aktas and Ayse Berivan Bakan	473
Effects of a lifestyle development program designed to reduce the risk factors for cognitive decline on the mental health of elderly individuals Shinya Takeda, Haruhiko Fukushima, Chihiro Okamoto, Yasushi Kitawaki and Shigeki Nakayama	480
Preoperative prognostic nutritional index predicts postoperative delirium in elderly patients after hip fracture surgery Hailin Xing, Dong Xiang, Yunxiang Li, Xiaoli Ji and Guozhu Xie	487
Postoperative delirium: the findings from a multidisciplinary survey Zhaosheng Jin, Aktar Rahman, Sudhansu Pattnaik and Maurice Smith	495
REVIEW ARTICLES  Postoperative cognitive dysfunction in elderly patients undergoing hip arthroplasty  Qiu-Xia Xiao, Qing Liu, Rui Deng, Zhi-Wei Gao and Ying Zhang	501
Trained assistance dogs for people with dementia: a systematic review  Genée Marks and Keith McVilly	510
CASE REPORT  Background of the neuropathological site in neurocognitive decline in elderly schizophrenic patients  Mitsuaki Hirano, Shuji Iritani, Hirotaka Sekiguchi, Youta Torii, Chikako Habuchi, Hiroshige Fujishiro, Norio Ozaki, Mari Yoshida and Kiyoshi Fujita	522
PSYCHOGERIATRIC NOTES  Takotsubo cardiomyopathy as a consequence of acute anxiety in a patient with Alzheimer's disease associated with Lewy body disease  Kurt Segers, Tudor Mihailescu, Annabelle Kazadi, Florence Benoit and Murielle Surquin	528
Clinical features of bereavement-related depression in Japanese elderly: an observational study Kanako Shimizu, Toshiyuki Kobayashi, Satoshi Kato, Shizukiyo Ishikawa and Shiro Suda	530
The Perceived Needs Questionnaire for Dementia Informal Caregivers (PNQ-DIC): development and initial validation Tânia Brandão, Rute Brites, Francisco M. Pereira, João Hipólito and Odete Nunes	533
Mirtazapine-induced long QT syndrome in an elderly patient: a case report Yuki Matsuda, Yujiro Furukawa, Ryuichi Yamazaki, Keisuke Inamura, Shinsuke Kito, Akihiko Nunomura and Masahiro Shigeta	536
Acute cholinergic syndrome in a patient taking the prescribed dose of donepezil for Alzheimer's disease Tomoki Hanazawa, Yoshito Kamijo, Tomohiro Yoshizawa, Yuji Fujita, Kiyotaka Usui and Yoshiyuki Haga	538
Case reports of Cotard's syndrome in Japan: a review Tohru Takahashi, Isamu Yamazaki, Yoshihiko Harada, Ryota Osada, Sumie Yui, Haruka Tanabe, Nobuhiro Sugiyama and Shinsuke Washizuka	540
LETTER TO THE EDITOR	



## 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: <a href="www.ipa-online.org">www.ipa-online.org</a>. 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 <a href="mailto:info@ipa-online.org">info@ipa-online.org</a>.

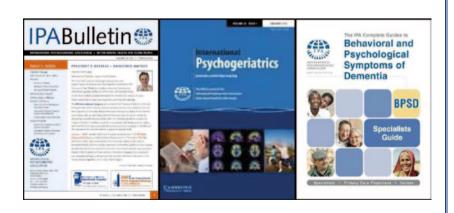
#### Have Questions? Contact us!

International Psychogeriatric Association 555 East Wells Street, Suite 1100

Milwaukee, WI 53202

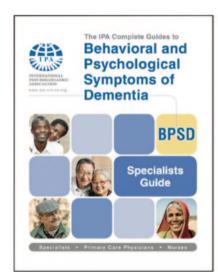
**United States** 

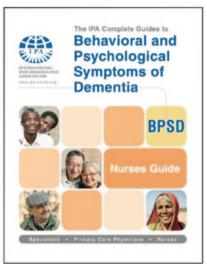
Phone: +1 414 918 9889 Fax: +1 414 276 3349 Twitter: @IPA\_Online www.ipa-online.org info@ipa-online.org

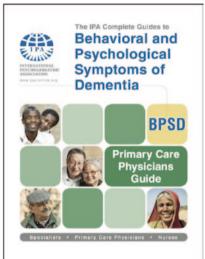




## The IPA Complete Guides to Behavioral and Psychological Symptoms of Dementia (BPSD)







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

## 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, <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
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.

© 2020 International Psychogeriatric Association

PRINTED IN THE UK BY BELL AND BAIN LTD

Email: ipaj-ed@cambridge.org

## **International Psychogeriatrics**

#### Issue Theme: Technology for Brain Health and Artificial Wisdom

#### CONTENTS

Commentaries 893 Expanding technology for engagement in dementia while ensuring equity, interoperability, and privacy

Danny W. Linggonegoro and John Torous

897 Implementing adaptive technologies in dementia care: local solutions for a global problem

Hannah L. Heintz and Ipsit V. Vahia

901 Brain health diplomacy in a new decade: why innovation matters

Rahul Khanna and Juliet Beni Edgcomb

905 Assistive robots in the homes of aging adults

Ryan Van Patten and Jacqueline Maye

909 How to make Artificial Wisdom possible

Howard C. Nusbaum

Theme Articles 913 The use of technology to promote meaningful engagement for adults with dementia in residential aged care: a scoping review Implies Neal. Sanetta H. J. du Toit, and Meryl Lovarini

937 Assistive technology designed to support self-management of people with dementia: user involvement, dissemination, and adoption.

Laila Øksnebjerg, Janet Janbek, Bob Woods, and Gunhild Waldemar

955 Brain health INnovation Diplomacy: a model binding diverse disciplines to manage the promise and perils of technological innovation

Kylie Ternes, Vijeth lyengar, Helen Lavretsky, Walter D. Dawson, Laura Booi, Agustin Ibanez, Ipsit Vahia, Charles Reynolds III, Steven DeKosky, Jeffrey Cummings,
Bruce Miller, Carla Perissinotto, Jeffrey Kaye, and Harris A. Eyre

981 A social robot intervention on depression, loneliness, and quality of life for Taiwanese older adults in long-term care

Shu-Chuan Chen, Wendy Moyle, Cindy Jones, and Helen Petsky

993 Beyond artificial intelligence: exploring artificial wisdom

Dilip V. Jeste, Sarah A. Graham, Tanya T. Nguyen, Colin A. Depp, Ellen E. Lee, and Ho-Cheol Kim

Brief Report 1003 Older adults abuse: analysis of a New Zealand national dataset Yvette Hall, Philippa Greco, Kenny Hau, and Yoram Barak

Erratum 1009 Attachment anxiety, depression, and perceived social support: a moderated mediation model of suicide ideation among the elderly - ERRATUM

Awirut Oon-arom, Tinakon Wongpakaran, Pimolpun Kuntawong, and Nahathai Wongpakaran

Psychogeriatrics 1010 Table of Contents





