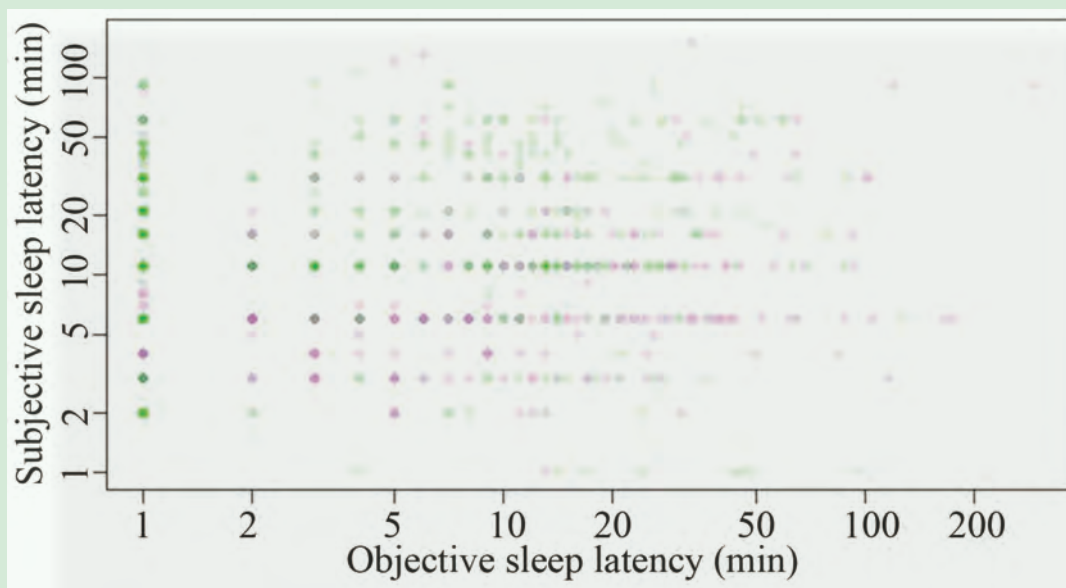




Health

Special Issue on Sleep Disorder and Apnea Research



ISSN: 1949-4998



977194949980508A2

Editor-in-Chief
Prof. James J. Chou
www.scirp.org/journal/health

Journal Editorial Board

ISSN 1949-4998 (Print) ISSN 1949-5005 (Online)

<http://www.scirp.org/journal/health>

Editor-in-Chief

Prof. James J. Chou Harvard Medical School, USA

Associate Editors

Prof. Leonid P. Titov The Republican Research and Practical Center for Epidemiology and Microbiology, Belarus

Dr. Wei-Zhu Zhong Gordon Life Science Institute, USA

Editorial Board (According to Alphabet)

Prof. Yiqiang Cai Yale University, USA

Prof. Cecilia L. W. Chan The University of Hong Kong, China

Prof. Michael Chia Nanyang Technological University, Singapore

Prof. James C. S. Chim The University of Hong Kong, China

Prof. Rose E. Constantino University of Pittsburgh, USA

Prof. Robert M. Goodman School of Health, Physical Education, and Recreation Indiana University, USA

Prof. Reginald M. Gorczynski University Health Network, Canada

Prof. Ron D. Hays University of California at Los Angeles, USA

Prof. Yohichi Kumaki Utah State University, USA

Dr. Chih Ming Lin Cathay General Hospital, Chinese Taipei

Prof. Aron D. Mosnaim Rosalind Franklin University of Medicine and Science, USA

Prof. George Perry University of Texas at San Antonio, USA

Prof. Michael W. Popejoy Florida International University, USA

Prof. Jason L. Powell University of Central Lancashire, UK

Prof. Bruce I. Reiner Maryland Veterans Affairs Medical Center, USA

Prof. Sheryl L. Szeinbach Division of Pharmacy Practice and Administration, The Ohio State University, College of Pharmacy, USA

Guest Reviewers

Anshu Agrawal

Nazan Kilic Akca

Lisa Bill

Eva C. Bonefeld-Jorgensen

Mario Cesarelli

Alhela Eyad

Armen Yuri Gasparyan

Mario Giorgi

Jan Iwaniszewski

Maria Karekla

Senya Matsufuji

Arnulfo Nava-Zavala

Carlos Soares Pernambuco

Sevinc Polat

Yehuda Shoenfeld

Rodrigo Vale

Carlos Augusto Carvalho de Vasconcelos

TABLE OF CONTENTS

Volume 5, Number 8A2, September 2013

Mandibular advancement devices in the treatment of obstructive sleep apnea and snoring in community dental care: A pilot study on self-reported sleep quality	
T.-R. Vuorjoki-Ranta, F. Lobbezoo, H. Tuomilehto, M. Könönen, A. Pihakari, J. Ahlberg.....	1
Alternating sleeping arrangements as a coping strategy for snorers and their bed partners—A prospective study	
S. Seidel, C. Wöber, S. Salhofer-Polanyi, D. Lieba-Samal, E. Pablik, J. Zeitlhofer, G. Klösch.....	6
A study on sleep architecture in patients with chronic respiratory failure under long-term oxygen therapy—Focused on the influence of ventilatory failure (high CO₂) elements on the patient's sleep architecture	
T. Nishijima, K. Hosokawa, F. Mito, T. Kizawa, S. Takahashi, H. Kagami, A. Suwabe, S. Sakurai.....	14
Dilatation of the nasal valve by expansion of the vestibular oris (EVO)	
S. Mukai.....	21
Sleep quality, sleep patterns and consumption of energy drinks and other caffeinated beverages among Peruvian college students	
S. E. Sanchez, C. Martinez, R. A. Oriol, D. Yanez, B. Castañeda, E. Sanchez, B. Gelaye, M. A. Williams.....	26
Sleep disordered breathing in coronary heart disease patients with mild and moderate heart failure	
G. Varoneckas, A. Podlipskyte, A. Alonderis, A. Martinkenas.....	36
Polysomnographic findings of obstructive sleep apnea in children with adenotonsillar hypertrophy	
É. C. M. Silva, V. S. Moraes, H. Protetti, S. T. Weber.....	44
MRI and polysomnographic findings of patients affected by post-stroke sleep apnea	
M. L. Sacchetti, M. T. D. Mascio, M. Fiorelli, G. D. Marca, A. Losurdo, G. Russo, D. Toni, A. Minni, E. Tinelli, F. Caramia.....	49
Obstructive sleep apnea: Screenings in primary, secondary and tertiary care settings	
A. Yarlagadda, J. Kasaraneni, A. H. Clayton.....	57
Feasibility and acceptability of wrist actigraph in assessing sleep quality and sleep quantity: A home-based pilot study in healthy volunteers	
Z. M. Noor, A. J. Smith, S. S. Smith, L. M. Nissen.....	63
Addressing sleep disorder of autistic children with Qur'anic sound therapy	
M. A. Tumiran, S. P. Mohamad, R. M. Saat, M. Y. Z. Mohd Yusoff, N. N. A. Rahman, D. S. H. Adli.....	73
Obstructive sleep apnea among commercial vehicle drivers in Malaysia: Issues and initiatives	
A. B. Wahida, O. Ilhamah, A. Mohamad Suffian, M. F. Aimi, M. Norlen, S. V. Wong.....	80
Sleep problems, strengths and difficulties in elementary school children	
J. Driouch, D. Alfer, L. Fricke-Oerkermann, G. Lehmkuhl.....	87

The figure on the front cover is from the article published in Health, 2013, Vol. 5, No. 8A2, pp. 6-13 by Stefan Seidel, Christian Wöber, Sabine Salhofer-Polanyi, Doris Lieba-Samal, Eleonore Pablik, Josef Zeitlhofer and Gerhard Klösch.

HEALTH

Journal Information

SUBSCRIPTIONS

The *HEALTH* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: health@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, world-wide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific
Research**

Website: <http://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org