Contents Vol. 57

No. 1

Original article
Gender differences in caregiving experience changes over 2-years and effects on psychological well-being of spousal caregivers in a longitudinal study .................................................. Keiko SUGIURA, et al.................................. 3
Bayesian approach to indices of regional healthcare expenditure in Japan .................................. Kunihiro TAKAHASHI, et al.................................. 17
Developing a professional identity scale
Identifying factors related to professional identity of government-employed public health nurses .......................................................................................................................... Kaori NEGISHI, et al.................................. 27

Short communication

Research note
Change of citizen’s expectations for health activity in transition to a “Core City”
Focus on newly established public health centers ............................................................ Michiko HOSHIKO, et al.................................. 44

No. 2

Original article
Eliciting preferences for mammography:
Using a discrete choice experiment approach .............................................................. Ryoko TAGUCHI, et al.................................. 83
Associations among appetite, snacking, and body type during infant development .............................................................................................................................. Tomomi AINUKI, et al.................................. 95
Postpartum smoking behavior in women and related factors ................................................... Tomomi KOUKETSU, et al.................................. 104

Public health report
Effectiveness of daily self-monitoring of blood glucose on a diabetes prevention program for the people with impaired glucose tolerance
Comparison of blood glucose change patterns be fore and after the program.................................. Mariko HATTORI, et al.................................. 113

Research note
Factors related to the subjective well-being of elderly residents of special nursing homes .............................................................................................................................. Yuka MATSUDAIRA, et al.................................. 121

No. 3

Special article
The administrative context of the emergency control measures for the pandemic(H1N1) 2009 influenza in Japan .............................................................................................................................. Hirozo UEDA.................................. 157

Original article
Factors that are related to reduced visual acuity in male junior high school students and their effects:
findings based on cross-sectional study .............................................................. Yuuzaburou KABA, et al.................................. 165
Association between fruit availability at home and fruit-related eating behavior among sixth-grade schoolchildren in Sakado City, Japan ............................................................. Miho TAKAMURA, et al.................................. 175
A framework for assessing essential public health nursing skills and achievement levels required for students graduating from schools that provide education for obtaining a license as a public health nurse in Japan ......................................................... Kiyomi ASAHARA, et al. 184

Research note
Effects of a non-face-to-face behavioral intervention on poor sleepers and factors affecting improvement of sleep ........................................... Yuko AMAMOTO, et al. 195
The status of smoking cessation support by nurses in general hospitals, and related factors ......................................................... Shizuko ARIMA, et al. 203

Original article
Beneficial effects of centralization of cancer treatment on mortality in Fukui Prefecture ................................................................. Masakazu HATTORI, et al. 263
Influence of group training on pulse wave velocity in elderly women ....................... Hajime MIURA, et al. 271
Social activity and relevant factors in the elderly:
Focus on members of senior manpower center and senior citizen’s club ...................... Hisao OSADA, et al. 279

Research note
Content analysis of health food advertisements in Japanese newspapers ................... Rie AKAMATSU, et al. 291
Physical-severity as a factor in the utilization of medical and social welfare services by home-based mechanical ventilation-dependent ALS patients in Japan .................. Yuko HIRANO 298
Survey of fall cases in ambulance service records of fire departments in Japan .............. Yoshinobu YOSHIMOTO, et al. 305

Original article
Research on screening for frailty
Development of “the Kaigo-Yobo Checklist” ................................................... Shoji SHINKAI, et al. 345
Creation of a professional development scale for public health nurses and investigation of its reliability and validity ........................................ Reiko OKAMOTO, et al. 355
Characteristics of factors associated with risk of future smoking among high school students:
Toward a consideration of more effective education for smoking prevention .............. Toshiko OTSUKA, et al. 366
Factors associated with willingness to undergo vaccination against Haemophilus influenzae type b (Hib) .......................................................... Yuko IWASHITA, et al. 381

Public health report
Effects of a community-based weight loss program, jointly established by local government and university faculty, on weight loss and metabolic syndrome components:
The Sodegaura Weight Management Study .................................................. Tomoaki MATSUO, et al. 390

Research note
An analysis of fall accidents in ambulance service records of fire department in Japan:
Investigation of time and location ........................................................................... Yoshinobu YOSHIMOTO, et al. 403

Original article
Educational effects of a single distribution of a leaflet on alcohol and pregnancy among female university students ................................................... Asami MIMURA, et al. 431
Development of a self-efficacy scale for going out among community-dwelling elderly
Sachiko YAMAZAKI, et al...439

Research note
Modifications in health and welfare jobs transferred to thirty-five participating “core cities”
Kunio HARA, et al...448
Indirect effects of school volunteering by senior citizens on parents through the “REPRINTS” intergenerational health promotion program
Yoshinori FUJWARA, et al...458
Content analysis of television commercials for snacks and of snack packaging targeted at children
Rie AKAMATSU...467
Validity and reproducibility of a food frequency questionnaire with 82-food items (FFQW82) for nutrition education
Misa ADACHI, et al...475

Original article
Pricing and uptake rate of public funded pneumococcal vaccination for the elderly in Japan
Shu-ling HOSHI, et al...505
Development of Social Activities-Related Daily Life Satisfaction Scale for the elderly and evaluation of its reliability and validity
Hideaki OKAMOTO...514
Life-space of community-dwelling older adults using preventive health care services in Japan and the validity of composite scoring methods for assessment
Kazuhiro HARADA, et al...526
Depression and the risk of long-term care insurance certification:
The Tsurugaya Project
Kaori OHMORI-MATSUDA, et al...538
Psychosocial classification of suicide completers by employment situation:
A psychological autopsy study
Masato AKAZAWA, et al...550

Sounding board
Health related items in environmental impact assessment and strategic environment assessment
Yoshihisa FUJINO, et al...597

Review article
Literature review on the association between inactivated influenza vaccines and the Guillain-Barré syndrome
Masayuki KOBAYASHI, et al...605

Original article
Relationships between foot problems, fall experience and fear of falling among Japanese community-dwelling elderly
Kazuhiro HARADA, et al...612

Public health report
Implementation and evaluation of a childhood dental health program in a community:
Kimiko YOKOTA, et al...624

Research note
Nation-wide survey of arrangements for food and nutrition assistance in emergencies
Noriko SUDO, et al...633
Development of oral function and eating habits of infants living in a city area of Japan
Natsuko SOGABE, et al...641
No. 9

Original article
Nation-wide research on current status and related factors for collaboration with occupational health services by public health nurses working for municipalities:
Comparison between major cities and other communities ...........................................Yuko MITSUHASHI, et al...771
Prevalence and characteristics of social isolation in the elderly in a dormitory suburb according to household composition .........................................................Masashige SAITO, et al...785
Cognitive factors relating to mammographic breast cancer screening ..............................Sanae INUKAI, et al...796
Suicides in Tochigi Prefecture in 2007–2008:
Epidemiologic features based on police data ..................................................Yosikazu NAKAMURA, et al...807

Research note
Factors affecting burden of caregivers for the elderly of Han Chinese and the Korean Minority living in a community in northeast China .........................................................Kaizen KEN, et al...816
Indoor air pollution by volatile organic compounds in large buildings:
Pollution levels and remaining issues after revision of the Act on Maintenance of Sanitation in Buildings in 2002 .............................................................Kiyoshi SAKAI, et al...825
Effects of weight-loss tools and a group-based weight-loss support program:
Rationale and study design of a randomized controlled trial ......................................Yoshio NAKATA, et al...835

No. 10

Original article
The effects of dietary calcium and protein intake on changes in bone mineral density during early and late stages of pregnancy ......................................................Kyoko YONEYAMA, et al...871
School-attendance problems, subjective symptoms and lifestyle factors:
The Shizuoka health and lifestyle survey of students ............................................Mieko NAKAMURA, et al...881
Validity of a standard questionnaire to assess physical activity for specific medical checkups and health guidance ...............................................................Ryoko KAWAKAMI, et al...891

Public health report
Program development to promote network building between disciplinary agencies and informal community organizations .........................................................Hiroshi MURAYAMA, et al...900
Evaluation of a program to promote network building between disciplinary agencies and informal community organizations
Trial in a community comprehensive support center ........................................Hiroshi MURAYAMA, et al...909
Effects of a specific health guidance program for prevention of diabetes ........................Sanae TOMITA, et al...921

No. 11

Original article
Relationship between community-based dental health programs and health care costs for the metabolic syndrome .................................................................Noriko TAKEUCHI, et al...955
Relationships between participation in community activities and psychosocial and physical health of community-dwelling elderly ........................................Haruhiko HONDA, et al...964

Research note
Why do people consent to participate in genetic epidemiological studies? .........................Kenji MATSUI, et al...973
Generation of appraisal standards for functional measurements in the frail elderly and persons aged 40 and older requiring light assistance in daily living ...................................... Shuichi OBUCHI, et al... 984
Relationship between first molar caries and eating and tooth brushing habits in elementary school children ................................................................. Aiko FUJIWARA, et al... 992

Information
Review of research on mental health of grandparents who support care for grandchildren .............................................................. Sayoko KOMATSU, et al... 1001

Original article
Development of a statistical metabolic syndrome simulator ........................................... Makoto ZUSHI, et al... 1043
Psychosocial risk factors involved in progressive dementia-associated senility among the elderly residing at home AGES Project—Three year cohort longitudinal study ........................................... Tokunori TAKEDA, et al... 1054
Associated factors for drowsy driving among licensed drivers .................................... Yoko KOMADA, et al... 1066

Public health report
Results of the Chiba prefecture-wide health check-up data collection project Lessons for health check-up programs ........................................... Ryoko YANAGIBORI, et al... 1073

Research note
Actual situation and characteristics of clients judged to need home-visiting nurse services by certified care managers and comparison of users and non-users of such services ... Satoko NAGATA, et al... 1084