

# Contents

## Geriatrics and Gerontology International Volume 24 Issue 4, April 2024

### ORIGINAL ARTICLES

#### EPIDEMIOLOGY CLINICAL PRACTICE AND HEALTH

Association between subjective physical function and occurrence of new fractures in older adults: A retrospective cohort study  
*S Sato et al.* 337

Factors associated with the introduction of visiting-pharmacist services in older adults in Japan: A nested case-control study  
*R Taguchi et al.* 344

Higher-level competence: Results from the Integrated Longitudinal Studies on Aging in Japan (ILSA-J) on the shape of associations with impaired physical and cognitive functions  
*T Abe et al.* 352

Impact of possible sarcopenia on functional prognosis in patients with acute stroke with premorbid disability  
*T Ogino et al.* 359

Prolonged grief, reconstruction of meaning, and posttraumatic growth in nursing home residents who have lost loved ones  
*S Duran and A Çetin* 364

Prevalence of oral frailty and its association with dietary variety, social engagement, and physical frailty: Results from the Oral Frailty 5-Item Checklist  
*M Iwasaki et al.* 371

Association between bone health and dynapenic obesity in postmenopausal women  
*W Nakano et al.* 378

Retirement status after the age of 60 years modifies the association between anger expression and the risk of cardiovascular disease: The Circulatory Risk in Communities Study  
*K Tezuka et al.* 385

Association between pharmacotherapy and secondary vertebral fracture managed with a brace in a real-world setting: A nationwide database study in Japan  
*S Nakatoh et al.* 390

Effects of cognitive reserve on cognitive frailty among older adults: A population-based prospective cohort study  
*Y Li et al.* 398

Association of pneumonia admission with polypharmacy and drug use in community-dwelling older people  
*H Hamaya et al.* 404

The impact of grip strength, waist circumference, and body mass index on Hemoglobin A<sub>1c</sub> value: Cross-sectional study using outpatient clinical data in Japanese elderly patients with type 2 diabetes mellitus  
*S Nakanishi et al.* 410

#### BEHAVIORAL AND SOCIAL SCIENCES

Effects of thumb-tack needling combined with sporting on older adult patients with knee osteoarthritis: A randomized active-control clinical trial  
*Q Wang et al.* 415

### BIOLOGY

Insulin resistance and osteocalcin associate with the incidence and severity of postoperative delirium in elderly patients undergoing joint replacement  
*Y Mi et al.* 421

Bidirectional effect of uric acid on C2C12 myotubes and its partial mechanism  
*Y Li et al.* 430

### LETTERS TO THE EDITOR

#### CASE REPORT

Intracranial aspergilloma in an immunocompetent geriatric patient: A diagnostic dilemma  
*G Sharma et al.* 440

#### RESEARCH STUDIES

Association between adherence of Japanese dietary pattern and mobility limitation and self-reported health in Japanese adults aged >50 years  
*A Shimizu et al.* 441

#### COMMENTS

Importance of the Geriatric Nutritional Risk Index in survival among the geriatric population  
*G Aktas* 444

Comment on: Factors impacting early mobilization according to the Enhanced Recovery After Surgery Guideline following gastrointestinal surgery: A prospective study  
*Fy Pu and H Cheng* 445

Author's reply to the letter to the editor from Dr Bozkurt  
*D Maeda and Y Matsue* 446

Response to comments  
*J Luo and M Hendryx* 446

Relationship between a gum-chewing routine and oral, physical, and cognitive functions of community-dwelling older adults: A Kashiwa cohort study  
*MH Dogan et al.* 447

Authors' reply to the letter to the editor on "Managing geriatric syndromes: necessity of pharmacists' involvements" by Kojima  
*F Mizokami et al.* 448

Reply: Letter to the editor from Aktas in relation to the paper "Prognostic value of the Geriatric Nutritional Risk Index and other hematological markers on long-term survival in the geriatric population"  
*JP da Costa Pereira et al.* 450

#### CORRECTION

Correction to "Validation of self-reported articulatory oral motor skill against objectively measured repetitive articulatory rate in community-dwelling older Japanese adults: The Otassha study"  
452