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Original Articles

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Incidence of hypercalciuria and hypercalcemia during vitamin D and calcium supplementation in older women
John Christopher Gallagher, MD, Lynette M. Smith, MSc, and Vinod Yalamanchili, MD

In a 1-year clinical trial of vitamin D and calcium supplements in elderly women, hypercalciuria occurred in 32 percent and hypercalcemia in 8 percent. Periodic monitoring of serum and urine calcium is recommended for those on supplements.

(continued)
Use of pragmatic community-based interventions to enhance recruitment and adherence in a randomized trial of Tai Chi for women with osteopenia: insights from a qualitative substudy

Mary Fischer, PhD, WHNP-BC, NCMP, Nancy Fugate-Woods, PhD, RN, FAAN, and Peter M. Wayne, PhD

This qualitative study supports the feasibility of utilizing community based schools to pragmatically deliver Tai Chi interventions in randomized trials studying bone health and postural control in osteopenic women.

Knowledge and personal use of menopausal hormone therapy among Chinese obstetrician-gynecologists: results of a survey

Yanjie Wang, MD, Xin Yang, MD, Xiaodong Li, MD, Xiaojing He, MD, and Yang Zhao, MD

Knowledge of menopausal hormone therapy (HT) by Chinese female ob-gyns was better than the general population, but there are still many aspects that need further education. Self use of HT by Chinese ob-gyns was lower than developed countries.

Vitamin D levels and menopause-related symptoms

Erin S. LeBlanc, MD, MPH, Manisha Desai, PhD, Nancy Perrin, PhD, Jean Wactawski-Wende, PhD, JoAnn E. Manson, MD, DrPH, Jane A. Cauley, DrPH, Yvonne L. Michael, ScD, Jean Tang, MD, PhD, Catherine Womack, MD, Yiqing Song, MD, ScD, Karen C. Johnson, MD, MPH, Mary J. O’Sullivan, MD, Nancy Woods, PhD, RN, FAAN, and Marcia L. Stefanick, PhD

Among 530 women who participated in the Women’s Health Initiative Calcium and Vitamin D trial, there was no significant connection between vitamin D levels and menopause symptoms including hot flashes, night sweats, sleep disturbance, concentration, and forgetfulness.

Risk of stroke in healthy postmenopausal women during and after hormone therapy: a meta-analysis

Haifeng Gu, MD, MS, Xiaohong Zhao, MD, MS, Xiaoping Zhao, MD, MS, Yunmei Yang, MD, PhD, and Xueying Lv, MD

This meta-analysis found that hormone therapy may increase the risk of stroke during, but not after, hormone therapy is discontinued in healthy postmenopausal women.

Aging, not menopause, is associated with higher prevalence of hyperuricemia among older women

Eswar Krishnan, MD, MPhil, Mihoko Bennett, PhD, and Linjun Chen, MS

Age is a better statistical explanation for the higher prevalence of hyperuricemia among older women than menopausal status.
Sleep in midlife women: effects of menopause, vasomotor symptoms, and depressive symptoms
Laura Lampo, MD, Päivi Polo-Kantola, MD, PhD, Olli Polo, MD, PhD, Tommi Kauko, MSc, Jenni Aittokallio, MD, PhD, and Tarja Saarensranta, MD, PhD
Maintenance insomnia seems to be the major type of insomnia in postmenopausal women, and this most evidently is due to night sweats and hot flashes.

Staging reproductive aging using Stages of Reproductive Aging Workshop +10 in black urban African women in the Study of Women Entering and in Endocrine Transition
Nicole G. Jaff, NCMP, Tracy Snyman, BScHon, Shane A. Norris, PhD, and Nigel J. Crowther, PhD
This cross-sectional study of black urban South African women, aged 40 to 60 years, shows that STRAW+10 is appropriate for staging menopause in resource-limited countries.

Diabetes and menopause aggravate age-dependent deterioration in arterial stiffness
Yula Shapiro, MD, Margarita Mashavi, MD, Ela Luckish, MD, and Marina Shargorodsky, MD
The combination of diabetes and postmenopause status is associated with further deterioration of augmentation index and pulse wave velocity independently of age, body mass index, and other cardiovascular risk factors.

β-Estradiol protects against glucosamine-induced pancreatic β-cell dysfunction
Lin Kang, MD, Chung-Hwan Chen, MD, PhD, Meng-Hsing Wu, MD, PhD, Je-Ken Chang, MD, Fong-Ming Chang, MD, PhD, and Juei-Tang Cheng, PhD, FCP
Glucosamine impairs insulin secretion from the β-cell via inhibiting Ca2+ influx and enhanced β-cell apoptosis while E2 rescues these adverse effects of glucosamine.

Epistasis between polymorphisms in PCSK1 and DBH is associated with premature ovarian failure
Jung-A Pyun, MS, Sunshin Kim, PhD, Dong Hyun Cha, MD, PhD, and KyuBum Kwack, PhD
Synergistic interactions between SNPs in the 5′ flanking regions of PCSK1 and DBH were significantly associated with susceptibility or resistance to premature ovarian failure.
Case Report

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Complication of a 2-mg estradiol vaginal ring: fibrotic vaginal adhesion

Meghan E. Pratts, MD, and Wen Shen, MD

Providers should be aware of the possibility of ring adherence to the vaginal epithelium and exercise caution in using the 2-mg estradiol vaginal ring in patients with significant vaginal stenosis or irritation.