



Menopause

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Original Articles

- SDC** 483
Cardiovascular and metabolic morbidity after hysterectomy with ovarian conservation: a cohort study
Shannon K. Laughlin-Tommaso, MD, MPH, Zaraq Khan, MBBS, Amy L. Weaver, MS, Carin Y. Smith, BS, Walter A. Rocca, MD, MPH, and Elizabeth A. Stewart, MD
Even with ovarian conservation, hysterectomy is associated with a significantly increased risk of several cardiovascular diseases and metabolic conditions, even after adjusting for cardiovascular diseases and metabolic conditions diagnosed before hysterectomy, and for several additional possible confounders. If these associations are causal, they have both scientific and clinical implications.
- SDC** 493
Pharmacoeconomic and associated cost savings among women who were prescribed systemic conjugated estrogens therapy compared with those without menopausal therapy
Wing Yu Tang, MPH, Dale Grothe, PharmD, BCPP, Allison Keshishian, MPH, Diana Morgenstern, MD, FACP, and Seema Haider, MSC
In this study, postmenopausal women with vasomotor symptoms who were prescribed oral conjugated estrogens had a significantly greater reduction in health care costs after treatment initiation compared to untreated postmenopausal women.
- 500
Associations between improvement in genitourinary symptoms of menopause and changes in the vaginal ecosystem
Caroline M. Mitchell, MD, MPH, Sujatha Srinivasan, PhD, Anna Plantinga, BS, Michael C. Wu, PhD, Susan D. Reed, MD, MPH, Katherine A. Guthrie, PhD, Andrea Z. LaCroix, PhD, Tina Fiedler, BS, Matthew Munch, BS, Congzhou Liu, MS, Noah G. Hoffman, MD, PhD, Ian A. Blair, PhD, Katherine Newton, PhD, Ellen W. Freeman, PhD, Hadine Joffe, MD, MSc, Lee Cohen, MD, and David N. Fredricks, MD
Postmenopausal women with a Lactobacillus-dominant vaginal microbiota were more likely to have improvement of genitourinary symptoms over 8 weeks of follow up.
- SDC** 508
Self-help cognitive behavior therapy for working women with problematic hot flashes and night sweats (MENOS@Work): a multicenter randomized controlled trial
Claire Hardy, PhD, Amanda Griffiths, PhD, Sam Norton, PhD, and Myra S. Hunter, PhD
This multicenter randomized controlled trial examines the efficacy of an unguided, self-help cognitive behavior therapy booklet on hot flush and night sweat problem rating, delivered in a work setting. Positive outcomes are evident for the prime outcome, as well as work and social adjustment; additional work related outcomes are examined.
- SDC** 520
Vasomotor symptom characteristics: are they risk factors for incident diabetes?
Kristen E. Gray, PhD, Jodie G. Katon, PhD, Erin S. LeBlanc, MD, MPH, Nancy F. Woods, PhD, RN, Lori A. Bastian, MD, MPH, Gayle E. Reiber, PhD, Julie C. Weitlauf, PhD, Karin M. Nelson, MD, MSHS, and Andrea Z. LaCroix, PhD
The menopausal transition may be an optimal time for clinicians to discuss future diabetes risk with patients and assist in decision-making around symptom management, which may include strategies that both improve symptoms and decrease diabetes risk.

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Severe menopausal symptoms associated with reduced adherence to antiretroviral therapy among perimenopausal and menopausal women living with HIV in Metro Vancouver

Putu K. Duff, MSc, PhD, Deborah M. Money, MD, FRCSC,
Gina S. Ogilvie, MD, MSc, FCFP, DrPh, Florence Ranville, Mary Kestler, MD,
Melissa C. Braschel, MSc, Neora Pick, MD, Kate Shannon, MPh, PhD, on behalf of the
SHAWNA Project

This study found that severe menopausal symptoms, injection drug use, and gender-based violence were positively associated with poor adherence to antiretroviral medication.

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Association between the age-related decline in renal function and lumbar spine bone mineral density in healthy Chinese postmenopausal women

Wen Han, PhD, Xiao-Juan Bai, MD, Lu-Lu Han, PhD, Sebastian Akhtari, BS, Xue-Feng Sun, PhD,
and Xiang-Mei Chen, PhD

This study applied Pearson's correlation and binary logistic regression analyses to evaluate the association between estimated glomerular filtration rate and lumbar spine bone mineral density (LBMD). Renal function decline was independently associated with decreased LBMD in healthy Chinese postmenopausal women.

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Association of age at menarche with obesity and hypertension among southwestern Chinese women: a new finding

Gang Liu, MD, Yuan Yang, MD, Wei Huang, MD, PhD, Nan Zhang, MD, Fan Zhang, MD,
Ge Li, MD, and Han Lei, MD

This study reports that late menarche is associated with a high risk of hypertension and a low risk of obesity among southwestern Chinese women.

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Left ventricular remodeling and arterial afterload in older women with uncontrolled and controlled hypertension

Jeung-Ki Yoo, PhD, Yoshiyuki Okada, PhD, Stuart A. Best, PhD, Rosemary S. Parker, MS,
Michinari Hieda, MD, Benjamin D. Levine, MD, and Qi Fu, MD, PhD

Regardless of current blood pressure control, hypertensive women exhibited increased cardiac mass and arterial stiffness compared to normotensive women.

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GP registrar consultations addressing menopause-related symptoms: a cross-sectional analysis

Jasmine M. De Giovanni, Amanda Tapley, BBiomedSc (Hons), MMedStat,
Penny L. Druce, MBBS, FRACGP, BA, Andrew R. Davey, BSc, BE (Hons), DCH, BMed,
MClinEpid, FRACGP, Mieke L. van Drie, MD, MSc, PhD, FRACGP, Kim M. Henderson, BNurs,
Nigel F. Catzikiris, BE (Envl) (Hons), BExSci, Katie J. Mulquiney, BND,
Simon Morgan, MBBS, MPH, FRACGP, Neil A. Spike, MBBS, FRACGP,
Rohan H. Kerr, MBBS, FRACGP, FARGP, and Parker J. Magin, PhD, FRACGP

The findings of this study suggest that registrars have considerable learning needs in the area of management of menopausal symptoms.

Clinical Corner

NAMS Practice Pearl

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Vulvar and vaginal fractional CO₂ laser treatments for genitourinary syndrome of menopause

Lauren F. Streicher, MD

Given the significant unmet need in treating distressing symptoms of the genitourinary syndrome of menopause in some women, clinicians are beginning to offer treatment with the fractionated CO₂ laser as an alternative to those who prefer or have been advised not to use pharmacologic therapy, despite the limited available efficacy and safety data. Here is what we know and what we don't know.

Brief Report

OPEN

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The cross-sectional association between chemerin and bone health in peri/pre and postmenopausal women: results from the EPIC-Potsdam study

Juliane Menzel, PhD, MSc, Ronald Biemann, PhD, Krasimira Aleksandrova, PhD, MPH, Matthias B. Schulze, DrPH, Heiner Boeing, PhD, MSc, Berend Isermann, MD, and Cornelia Weikert, MD, MPH

This study provides evidence for an inverse association between chemerin and broadband ultrasound attenuation (BUA) in peri- and premenopausal women. However, no association between chemerin and BUA in postmenopausal women was observed.

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