

Research

Effect of Cranberry Capsules on Bacteriuria and Pyuria 1879

Proanthocyanidins present in cranberries inhibit adherence of *Escherichia coli* to uroepithelial cells, which has prompted the investigation of cranberry products as a potential nonantimicrobial strategy to prevent urinary tract infection. In a randomized placebo-controlled clinical trial involving 185 women residing in 21 nursing homes, Juthani-Mehta and colleagues found that compared with placebo capsules, daily administration of oral cranberry capsules (containing proanthocyanidins equivalent to 20 ounces of cranberry juice) for 1 year resulted in no significant difference in the presence of bacteriuria plus pyuria. In an Editorial, Nicolle discusses the lack of evidence to support cranberry products for prevention of urinary tract infection.

📖 Editorial 1873

📺 CME jamanetworkcme.com

Tailored Dose-Dense Chemotherapy in Early Breast Cancer 1888

In a randomized open-label clinical trial that enrolled 2017 women with high-risk early-stage breast cancer, Foukakis and colleagues assessed whether individually tailored dose-dense adjuvant chemotherapy resulted in improved outcomes compared with conventional standard-dose adjuvant chemotherapy. The authors report that after a median follow-up of 5.3 years, use of tailored dose-dense chemotherapy did not result in a statistically significant improvement in breast cancer recurrence-free survival but was associated with more frequent nonhematologic toxic effects compared with conventional standard-dose adjuvant chemotherapy.

📺 CME jamanetworkcme.com

Donor Milk and Neurodevelopment of VLBW Infants 1897

Feeding with mother's milk is associated with improved neurodevelopment among very low-birth-weight (VLBW) infants. In a randomized trial involving 363 VLBW infants, O'Connor and colleagues assessed the effect of nutrient-fortified donor human milk compared with formula—both as a supplement to mother's milk—on infant neurodevelopment. The authors report no difference in neurodevelopment score at 18 months' corrected age among infants who received supplemental donor milk compared with those who received supplemental formula. In an Editorial, Colaizy discusses benefits of maternal milk for VLBW infants.

📖 Editorial 1875

📺 CME jamanetworkcme.com

Opinion

Viewpoint

1863 Reporting Sex, Gender, or Both in Clinical Research?

JA Clayton and C Tannenbaum

1865 Consideration of Sex Differences in Medicine to Improve Health Care and Patient Outcomes

MJ Legato, PA Johnson, and JE Manson

1867 Not Thinking Clearly?

Play a Game, Seriously!

D Mohan, J Schell, and DC Angus

1869 Black Gains in Life Expectancy

VR Fuchs

A Piece of My Mind

1871 The Things We Have Lost

JA Best

Editorial

1873 Cranberry for Prevention of Urinary Tract Infection? Time to Move On
LE Nicolle

1875 Donor Human Milk for Very Low-Birth-Weight Infants
TT Colaizy

1877 Announcing the New JAMA.com

P Gee, C Kelly, and M Berkwitz

LETTERS

Research Letter

1918 Association of e-Cigarette Vaping and Progression to Heavier Patterns of Cigarette Smoking
AM Leventhal and Coauthors

Comment & Response

1920 Intensive vs Standard Blood Pressure Control for Older Adults

1923 Health Care Reform in the United States

1924 Correction



Humanities

The Arts and Medicine

1850 Tig Notaro: A Comedian Makes "Sick" Humor the Main Act
J Abbasi

Poetry and Medicine

1925 Sunday Best
B Sprigg

JAMA Revisited

1926 Possible Dangers of the Bubble Fountain



Editor In Chief
Howard Bauchner, MD

133 YEARS
OF CONTINUOUS
PUBLICATION

Research (continued)

Effect of Anakinra on Recurrent Pericarditis

1906

Pericarditis recurs in up to 30% of patients after a first pericarditis episode. Optimal treatment to prevent recurrences is not established. Brucato and colleagues evaluated the efficacy of anakinra—an interleukin 1 β recombinant receptor antagonist—in a randomized clinical trial involving 21 consecutive patients with recurrent idiopathic colchicine-resistant and corticosteroid-dependent pericarditis. All patients received open-label treatment with anakinra for 60 days. Patients were then randomly assigned to receive anakinra or placebo for up to 6 months. The authors found that compared with placebo, use of anakinra reduced the risk of pericarditis recurrence over a median 14 months' follow-up.

Clinical Review & Education

Melanoma Prevention—Avoidance of Indoor Tanning

1913

An article in *JAMA Dermatology* reported that indoor tanning is a likely factor for an observed steeper increase in melanoma rates among young women compared with young men in the United States. This From the JAMA Network article by Gershenwald and colleagues emphasizes the importance of limiting overexposure to the sun and limiting the use of indoor tanning devices—including restricting access to minors—to reduce the incidence of melanoma.

Long-standing Onychodystrophy in a Young Woman

1915



A 34-year-old woman presented for evaluation of a 20-year history of thick toenails not associated with pain or ambulation difficulties. The patient denied prior toenail trauma or hyperhidrosis of the feet and she had no history of dandruff, skin problems, or joint pains. She had used an over-the-counter antifungal cream to treat occasional pruritus of her feet. Physical examination revealed thickening, yellow discoloration, and

subungual hyperkeratosis of all 10 toenails, with scale noted on the plantar skin and in the web spaces. What would you do next?

Quiz jama.com

Online @ jama.com



Editor's Audio Summary

Howard Bauchner, MD, summarizes and comments on this week's issue.

The JAMA Forum

Insightful commentary on the political aspects of health care from leading health economists, health policy experts, and legal scholars at <https://newsatjama.jama.com/>

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jama.com/public/Instructionsforauthors.aspx



JAMA Patient Page

1932 Pancreatic Operations

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Medical News & Perspectives

1857 On CDC's 70th Anniversary, Director Tom Frieden, MD, Looks Ahead

1859 Capitol Health Call

Senator Confronts FDA Over Laboratory Tests

Precision Medicine Gets Boost

Regulating Personal Care Products

1860 News From the CDC

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Another Birthday? Keep Moving