



# MAYO CLINIC PROCEEDINGS

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**Original Articles****1594 Adverse Events Reported to the United States Food and Drug Administration Related to Caffeine-Containing Products**

Andrew R. Jagim, Patrick S. Harty, Karen M. Fischer, Chad M. Kerksick, and Jacob L. Erickson

Adverse events associated with products marketed as “energy enhancing” and “weight loss” represented the highest percentage of adverse events from the caffeine-containing subgroups.

**1604 Intravenous Bevacizumab in Hereditary Hemorrhagic Telangiectasia–Related Bleeding and High-Output Cardiac Failure: Significant Inter-Individual Variability in the Need for Maintenance Therapy**

Hasan Ahmad Hasan Albitar, Yahya Almodallal, Alice Gallo De Moraes, Erin O'Brien, Garret W. Choby, Rajiv K. Pruthi, Janalee K. Stokken, Patrick S. Kamath, Hector R. Cajigas, Hilary M. DuBrock, Michael J. Krowka, and Vivek N. Iyer

The use of “as-needed” maintenance bevacizumab appears to be an effective strategy for management of hereditary hemorrhagic telangiectasia–related bleeding and high-output cardiac failure.

**1613 Sex Differences in Case Fatality Rate of COVID-19: Insights From a Multinational Registry**

Mohamad Alkhoul, Aravinda Nanjundappa, Frank Annie, Mark C. Bates, and Deepak L. Bhatt

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**1621 Smell and Taste Dysfunction in Patients With COVID-19: A Systematic Review and Meta-analysis**

Akosua Adom Agyeman, Ken L. Chin, Comelia B. Landersdorfer, Danny Liew, and Richard Ofori-Asenso

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**1632 Prevalence and Mortality of COVID-19 Patients With Gastrointestinal Symptoms: A Systematic Review and Meta-analysis**

Raseen Tariq, Srishti Saha, Fateeha Furqan, Leslie Hassett, Darrell Pardi, and Sahil Khanna

Gastrointestinal symptoms are seen in up to 1 in 5 patients with COVID-19 infection.

**1649 Patterns of Cystatin C Uptake and Use Across and Within Hospitals**

Hilary R. Teaford, Andrew D. Rule, Kristin C. Mara, Kianoush B. Kashani, John C. Lieske, Diana J. Schreier, Patrick M. Wieruszewski, and Erin F. Barreto


In hospitalized patients in whom clinical status can change in minutes to hours, extended turnaround time effectively precludes routine use of cystatin C testing.


**1660 Elastic Bandage vs Hypertonic Albumin for Diuretic-Resistant Volume-Overloaded Patients in Intensive Care Unit: A Propensity-Match Study**

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- 1671 Effect of Acupuncture in Patients With Irritable Bowel Syndrome: A Randomized Controlled Trial**  
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- Acupuncture may be more effective than polyethylene glycol 4000 or pinaverium bromide for the treatment of irritable bowel syndrome, with effects lasting up to 12 weeks.

- 1684 Lichen Planopilaris in Women: A Retrospective Review of 232 Women Seen at Mayo Clinic From 1992 to 2016**  
*Sydney C. Larkin, Hafsa M. Cantwell, Reese L. Imhof, Rochelle R. Torgerson, and Stanislav N. Tolkachjov* 
- The typical lichen planopilaris patient is a 60-year-old female with vertex scarring alopecia who presents with burning, erythema, inflammation, and scale.







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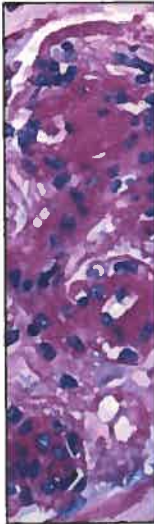
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