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ORIGINAL INVESTIGATION

47 Effect of Probiotic Use on Antibiotic Administration Among Care Home Residents: A Randomized Clinical Trial
CC Butler and Coauthors

This randomized clinical trial compares the effects of daily combination probiotics (*Lactobacillus* and *Bifidobacterium* spp) vs placebo on cumulative antibiotic use for all-cause infections over 1 year among care home residents in Wales.

Visual Abstract | CME

57 Association of Noninvasive Oxygenation Strategies With All-Cause Mortality in Adults With Acute Hypoxemic Respiratory Failure: A Systematic Review and Meta-analysis
BL Ferreyro and Coauthors

This network meta-analysis of randomized trials estimates association of use of noninvasive ventilation (high-flow nasal oxygen; face mask or helmet noninvasive ventilation) vs standard oxygen therapy with mortality and endotracheal intubation among adults with acute hypoxemic respiratory failure.

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68 Association of Statin Use With All-Cause and Cardiovascular Mortality in US Veterans 75 Years and Older
AR Orkaby and Coauthors

This retrospective cohort study uses Veterans Health Administration data on adults free of atherosclerotic cardiovascular disease (ASCVD) to evaluate the association between new statin use and all-cause and cardiovascular mortality, and a composite of ASCVD events (myocardial infarction, ischemic stroke, and revascularization with CABG surgery or PCI), in veterans 75 years and older.

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41 A Healing Handicraft
LMY Acosta

In this narrative medicine essay, a neurologist recounts the importance of handicraft to the sense of purpose of a patient with worsening dementia and finds similarities between the activity of knitting and the craft of practicing medicine.

Online at JAMA.com

MULTIMEDIA

Editor's Audio Summary: Listen as editors discuss this week's issue

Audio: June 2020 Medical News Summary

Audio: Coronavirus (COVID-19) Update: Reusing Face Masks and N95 Respirators

Author Audio Interview: Systemic Amyloidosis Recognition, Prognosis, and Therapy: A Systematic Review

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Howard Bauchner, MD

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79 Systemic Amyloidosis Recognition, Prognosis, and Therapy: A Systematic Review

MA Gertz and A Dispenzieri

This systematic review summarizes the characteristic presentations, diagnosis, and management of immunoglobulin light chain (AL) and amyloid transthyretin (ATTR) amyloidosis.

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JAMA INSIGHTS

90 Distal Symmetric Polyneuropathy in 2020

BC Callaghan, RS Price, and EL Feldman

This JAMA Insights Clinical Update reviews the diagnosis and management of distal symmetric neuropathy, including control of risk factors (eg, high glucose in type 1 diabetes, weight loss) and use of nonpharmacologic and pharmacologic therapies (eg, SNRIs, tricyclic antidepressants, gabapentinoids).

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110 Carotid Artery Endarterectomy

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This JAMA Patient Page describes the carotid artery endarterectomy procedure and its benefits and risks as a treatment for carotid artery stenosis.

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12 Challenge Trials—Could Deliberate Coronavirus Exposure Hasten Vaccine Development?

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This Medical News feature discusses the debate over human challenge trials to test the safety and efficacy of coronavirus disease 2019 (COVID-19) vaccine candidates.

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10 The Cigarette: A Political History—The Past, Present, and Future of US Tobacco

RN Proctor

This Arts and Medicine feature reviews a newly published political history of the US tobacco industry, emphasizing the continuing importance of cigarette smoking to illness and death at a time when the novel coronavirus 2019 (COVID-19) pandemic is perceived as the country's greatest health threat.

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This study used national survey data to compare the prevalence symptoms of psychological distress and loneliness among US adults during the coronavirus disease 2019 (COVID-19) pandemic in April 2020 vs those reported in the National Health Interview Survey in 2018.

94 Correlation Between N95 Extended Use and Reuse and Fit Failure in an Emergency Department

NF Degeys and Coauthors

This cross-sectional study examines prevalence of fit test failure of 2 types of N95 mask (dome-shaped and duckbill) during extended use or reuse among health care workers over 2 days in April 2020 in the UCSF emergency department.

Audio

96 Admissions to Veterans Affairs Hospitals for Emergency Conditions During the COVID-19 Pandemic

A Baum and MD Schwartz

To assess the effect of COVID-19 on health care, this study compares admissions data from the Veterans Affairs system for overall admissions and for 6 common emergencies immediately before and for 6 weeks during the pandemic.

99 Divergence in Timing and Magnitude of Testosterone Levels Between Male and Female Youths

JW Seneff and Coauthors

This study uses national survey data to describe testosterone levels by age in youths aged 6 to 20 years and the onset and magnitude of divergence in levels between boys and girls.

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