

Research

CARING FOR THE CRITICALLY ILL PATIENT

Preventing Job Strain in Intensive Care Nursing

1988

Intensive care unit nurses are exposed to occupational stress in the form of time pressure, high workloads, interpersonal conflicts, and moral and spiritual distress. El Khamali and colleagues for the SISTRESSREA Study Group enrolled 198 intensive care unit nurses in a randomized clinical trial and found that a multimodal intervention with education, role-play, and debriefing resulted in a lower prevalence of job strain. In an Editorial, Seaman and colleagues suggest that reducing job-related stress may increase the productivity of nurses and improve their quality of care.

Editorial 1981

Audio Interview jama.com CME jamanetwork.com/learning Visual Abstract jama.com

CARING FOR THE CRITICALLY ILL PATIENT

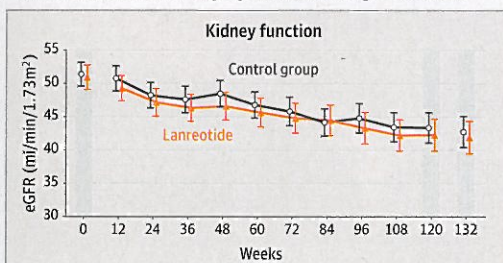
Recombinant Alkaline Phosphatase for Acute Kidney Injury

1998

Preliminary studies have suggested that treatment with alkaline phosphatase can improve kidney function in patients with sepsis. Pickkers and colleagues for the STOP-AKI Investigators randomized 301 patients with sepsis-associated acute kidney injury (AKI) and found that human recombinant alkaline phosphatase, compared with placebo, did not significantly improve short-term kidney function.

Lanreotide for Polycystic Kidney Disease

2010



Somatostatin analogues, such as lanreotide, may be renoprotective in patients with polycystic kidney disease. In a trial by Meijer and colleagues for the DIPAK-1 Investigators that randomized 309 patients with autosomal dominant polycystic kidney disease, treatment with lanreotide

did not slow the decline in kidney function over 2.5 years of follow-up.



Humanities

Poetry and Medicine

2044 I Pray
CS Halberstadt

JAMA Revisited

2045 The Medical Profession
After the War

Opinion

Viewpoint

1971 Physical Activity Guidelines
for Health and Prosperity
in the United States
BP Giroir and D Wright

1973 The New Age of Patient Autonomy:
Implications for the Patient-
Physician Relationship
MK Kilbride and S Joffe

1975 Health Apps and Health Policy:
What Is Needed?
DW Bates, A Landman, and DM Levine

1977 Alternative State-Level
Financing for Hepatitis C Treatment—
The "Netflix Model"
MR Trusheim, WM Cassidy, and PB Bach

A Piece of My Mind

1979 Solving the Silence
OJ Killeen and L Bridges

Editorial

1981 Reducing the Stress on Clinicians
Working in the ICU
JB Seaman, TR Cohen, and DB White

1983 New Physical Activity Guidelines:
A Call to Activity for Clinicians
and Patients
PD Thompson and TMH Eijssvogels

1985 Scientific Misconduct
and Medical Journals
H Bauchner and Coauthors

LETTERS

Research Letter

2035 Association Between
the Experimental Kickoff Rule
and Concussion Rates in Ivy
League Football
DJ Wiebe and Coauthors

2036 Joint Prevalence of Sitting Time
and Leisure-Time Physical Activity
Among US Adults, 2015-2016
EN Ussery and Coauthors

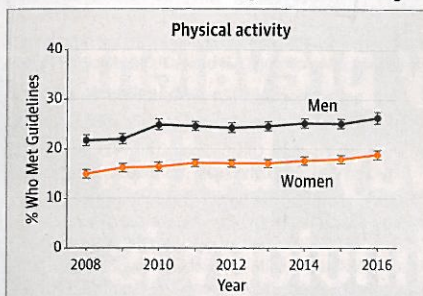
2038 Comment & Response

Editor in Chief
Howard Bauchner, MD

135 YEARS
OF CONTINUOUS
PUBLICATION

Clinical Review & Education

Health Benefits of Physical Activity



Physical activity fosters normal growth and development; makes people feel better, function better, and sleep better; and reduces the risk of many chronic diseases. On the basis of a systematic review addressing 38 questions about physical activity and health, Piercy and a panel of experts revised a set of recommendations on types and amounts of physical activity to achieve substantial health benefits. In an Editorial, Thompson and Eijssvogels emphasize that even small amounts of physical activity can reduce the risk of disease and disability.

Viewpoint 1971 Editorial 1983

Summary Video jama.com CME jamanetwork.com/learning

A Hyperpigmented Macule With Diminished Sensation



This JAMA Clinical Challenge by Awali and Chandrasekar presents a 25-year-old woman with a hypoesthetic macule and peripheral nerve enlargement. What would you do next?

Noninvasive Detection of Cirrhosis

This JAMA Diagnostic Test Interpretation article by Wilder and colleagues presents a 64-year-old man who had been successfully treated for chronic hepatitis C. A measurement of liver stiffness was elevated. How do you interpret these results?

Online @ jama.com



Editor's Audio Summary

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

Author Interview

Madeline Lancaster, PhD, Medical Research Council Laboratory of Molecular Biology, profiled in "For Difficult-to-Model Brain Diseases, Brain Organoids Come to the Rescue"

Author Audio Interview

US vs European hypertension guidelines: their differences

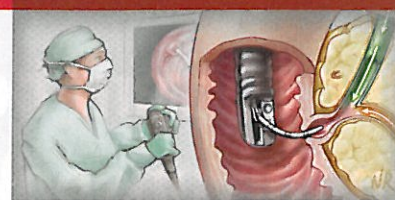
Summary Video



"The Physical Activity Guidelines for Americans"

Visual Abstract

"Effects of a Multimodal Program Including Simulation on Job Strain Among Nurses Working in Intensive Care Units: A Randomized Clinical Trial"



JAMA Patient Page

2050 Endoscopic Retrograde Cholangiopancreatography

NEWS & ANALYSIS

Medical News & Perspectives

1963 RNAi Rollercoaster Begins to Reap Therapies

The JAMA Forum

1965 Progress in Primary Care—From Alma-Ata to Astana

Bench to Bedside

1966 For Difficult-to-Model Brain Diseases, Brain Organoids Come to the Rescue

1969 Global Health

Mapping Yellow Fever Virus in Brazil

Global Hunger on the Rise as Climate Extremes Increase

Guidelines for Ending Childhood and Adolescent Tuberculosis

1970 News From the FDA

FDA Joins New Effort to Strengthen Medical Device Cybersecurity

Will Naloxone Become Available OTC?

Blood Group Genotyping Test Goes Beyond A, B, and O

Departments

1959 Staff Listing

2033 CME Questions

2046 Classified Advertising

2048 Journal Advertiser Index

2049 Contact Information

Instructions for Authors

jama.com/public/instructionsforauthors.aspx