MAY 1987

VOL.12

NO.5

\$2.50



Intraosseous Infusion in the Field Getting Paid for Overtime?
Ten Great Expectations

FACTS ON FIRE

A comprehensive update on the mechanisms and treatments of thermal burns

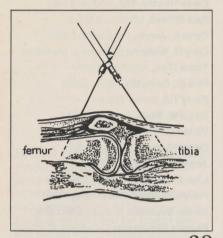






CONTENTS

MAY 1987, VOL. 12, NO. 5



FEATURES

- New Standards for Overtime Pay BY MICHAEL LOVENDUSKY. Length of the workweek and compensable time are two of many areas affected in new state and local overtime pay standards, which could change the face of local EMS work forces.
- The Pediatric Lifeline BY MICHAEL ALTIERI, MD, ET AL. Intraosseous infusion is seeing a resurgence of popularity in the field. Protocols for usage, monitoring and quality assurance could make it an important adjunct for the pediatric patient.
- 38 Intraosseous Infusion BY CRAIG A. STROUP, BS, EMT-P. An in-depth look at intraosseous infusion for the critically ill pediatric patient includes methods and technical complications associated with this ALS procedure.
- Thermal Burns BY MARILYN K. BOURN, RN. This comprehensive look at thermal burns discusses causes, skin anatomy, burn depth classification and field treatment.
- 48 Fire as a Mechanism of Injury BY JERRY KNAPP. The mechanisms of a fire which can cause injury and death to both civilians and firefighters are explored.

39

DEPARTMENTS



- Letters Cover Hysteria; Salary Controversies; EMS Goes Back to School; EMS School Gets Corrected; The Great Debate; Practicum Chal-
- Guest Comment System vs. Training Failure by Marilyn A. Lindquist, RN.
- Inside EMS ZMI Lawsuits Affect Emergency Pacemaker Market; New Drug Tested For Stroke Treatment; Driver Training Program Seeks DOT Approval; Fault Found In Jobst Antishock Trousers.
- 26 Calendar
- 58 Classified
- 70 Inroads
- 73 **Advertiser Directory**
- 74 The Last Word - Texas EMS Bureau Provides Research Leadership; Public Relations With A Conscience; Aids Bandwagon Collects Opportunists



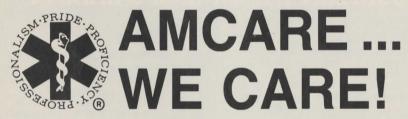
COLUMNS

- 5 Publisher's Page by Jim Page - AIDS, Inc.
- 24 Around the Nation by Ron St. Germain - Sleepless Firefighters Welcome Device For Chronic Snorers; Community Outreach Program Educates Public; Engineers Promote Highway Safety.
- 28 Current Research by Bruce Goldfarb - Informed Consent; Neurologic Benefits of Early CPR; Snoring: Risk Factor for Heart Disease and Stroke?; Occupational Radiation Exposure.
- 30 Tricks of the Trade by Thom Dick - Saving Their Own Lives, Small Crosses Make Drivers Think.
- 53 Interface by Jack Stout - Was It Good For You? Ten Great Expectations for Management and Paramedics.
- 56 Innovations by Thom Dick - Best Drivers in the Business.
- 64 The Legal File by C.J. Shanaberger – So You Want to be a Good Samaritan?

Cover photos courtesy Marilyn K. Bourn, RN



For More Information Circle #58 on Reader Service Card



And we're seeking high caliber Intermediate Paramedics and Paramedics to join our caring team. Providing state-of-the-art pre-hospital emergency medical and ambulance service in the 700 square miles of central Oklahoma, AmCare's fleet answers over 52,000 calls per year.

As an AmCare associate, you will enjoy benefits such as:

- · competitive salary & relocation assistance
- · paid inservice and refresher training
- · tuition assistance
- · malpractice, life, health, dental insurance, retirement
- · four-day work week
- · paid vacations and holidays
- performance incentive programs

Nationally Registered paramedics with ACLS and CPR certification and two years related previous experience interested in joining the AmCare team should send resumes to:

Rick Wiltse
Director of Operations
AmCare
1111 Classen Drive
Oklahoma City, OK 73103

For More Information Circle #50 on Reader Service Card



James O. Page. Publisher Keith Griffiths, Executive Editor Cleve Trimble, MD, Medical Editor Rick Minerd, Managing Editor Dana A. Jarvis, Production Editor Gary R. Williams, Director of Marketing Thom Dick, Associate Editor Ron St. Germain, Senior Editor Betty Till, Senior Editor David M. Beck, Assistant Editor Vivian Griffiths, Assistant Editor David Forman, Editorial Intern Joanna Mink, Editorial Intern Lisa J. Cota, Advertising Manager Neinke Ruinard, Advertising Intern Susan Seymour, Account Executive Pamela Stevenson, Circulation Manager Robyn Linderman, Corporate Accountant Contributing Editors: Garry Briese, Norm Dinerman, MD, Mike Frank, MD, Gary Morris, Mary Newman, William Roush, MD Kathleen Wohlwend, Art Director Francesca McGeough, Graphic Artist Karen Snow, Accounting Assistant Penney McBride, Executive Assistant

Jems Publishing Company, Inc.

James O. Page, Chairman of the Board Gary R. Williams, President Keith Griffiths, Secretary-Treasurer

jems, Journal of Emergency Medical Services, (ISSN 0197-2510; Fed. ID #22-2357324) is published monthly by Jems Publishing Co., 215 South Highway 101, Suite 100, P.O. Box 1026, Solana Beach, CA 92075.

Subscription information: Send \$17.95 for one year (12 issues), \$29.95 for two years (24 issues) or \$39.95 for three years (36 issues) to P.O. Box 27966, San Diego, CA 92128. Add \$6 per year for Canadian subscriptions, \$12 per year for foreign subscriptions. For subscription orders, problems or for a change of address, call toll free in the 48 contiguous states: 800/321-3333 (in California call 800/354-8400), 8:30 a.m. to 5:30 p.m. PST.

Advertising information: Rates are available upon request. Contact Lisa J. Cota, advertising manager at 215 South Highway 101, Suite 100, P.O. Box 1026, Solana Beach, CA 92075; 619/481-1128.

Editorial information: Manuscripts and queries should be directed to Betty Till, editor, P.O. Box 1026, Solana Beach, CA 92075. Editorial guidelines are available upon request. Submitted manuscripts should be typed, double-spaced, and submitted in triplicate.

Microfiche: jems is available on microfiche and microfilm. Please direct inquiries to University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106; 800/521-3044.

Copyright 1987 Jems Publishing Co., Inc. No material can be reproduced without the express permission of the publisher. ISSN 0197-2510; (Fed. I.D. #22-2357324).

Postmaster: Return Form 3579 to jems, P.O. Box 27966, San Diego, CA 92128.

Second-class circulation postage paid at Solana Beach, California and at additional mailing offices.