



CHEST

USPS 157-860

Alfred Soffer, MD, FCCP, Editor-in-Chief

*Associate Editors: David W. Cugell, MD, FCCP, Chicago
Joseph V. Messer, MD, FCCP, Chicago
John T. Sharp, MD, FCCP, Hines, Illinois*

EDITORIAL BOARD

Walter L. Barker, MD, FCCP, Chicago
John G. Bartlett, MD, FCCP, Baltimore
Robert L. Berger, MD, FCCP, Boston
Saroja Bharati, MD, FCCP, Browns Mills, N.J.
James E. Dalen, MD, FCCP, Worcester, Massachusetts
Marvin I. Dunn, MD, FCCP, Kansas City, Kansas
Jordan Fink, MD, Milwaukee
Jack D. Fulmer, MD, FCCP, Birmingham
H. Benfer Kaltreider, MD, FCCP, San Francisco
Marvin M. Kirsh, MD, FCCP, Ann Arbor
Alan T. Marty, MD, FCCP, Evansville
Richard A. Mintzer, MD, FCCP, Chicago
Jerome H. Modell, MD, FCCP, Gainesville, Florida
Hassan Najafi, MD, FCCP, Chicago
Dennis E. Niewoehner, MD, FCCP, Minneapolis
Donald G. Ritter, MD, FCCP, Rochester, Minnesota
Robert Roberts, MD, FCCP, Houston
Robert M. Rogers, MD, FCCP, Pittsburgh
Irwin J. Schatz, MD, FCCP, Honolulu
Charles H. Scoggin, MD, FCCP, Denver
Lynn M. Taussig, MD, FCCP, Tucson
Gennaro M. Tisi, MD, FCCP, San Diego
Max Harry Weil, MD, FCCP, Chicago
Walter R. Wilson, MD, FCCP, Rochester, Minnesota

Corresponding Editors

Julius M. Gardin, MD, FCCP, Irvine, California
Lawrence D. Grouse, MD, Los Angeles
Jeffrey R. M. Kunz, MD, Chicago

International Editors

Donato Alarcon-Segovia, MD, FCCP, Mexico
Jose Luis Barros, MD, FCCP, Spain
Gerald L. Baum, MD, FCCP, Israel
Gunnar Biorck, MD, FCCP, Sweden
Antonio Blasi, MD, FCCP, Italy
Israel Bruderman, MD, FCCP, Israel
Teresita S. De Guia, MD, FCCP, Philippines
Gunter Fruhmann, MD, FCCP, West Germany
Henry W. Herzog, MD, FCCP, Switzerland
Ruben J. Jaen, MD, FCCP, Venezuela
Paul Keszler, MD, FCCP, Hungary
Stuart C. Lennox, MD, FCCP, England
Chuzo Nagaishi, MD, FCCP, Japan
Jo Ono, MD, FCCP, Japan
Claude Perret, MD, FCCP, France
George E. Poulas, MD, FCCP, Greece
W. Laurence Simpson, MD, FCCP, Australia
Jesse P. Teixeira, MD, FCCP, Brazil
Cyr Voisin, MD, FCCP, France
Juro Wada, MD, FCCP, Japan
Ann J. Woolcock, MD, FCCP, Australia
E. J. Zerbin, MD, FCCP, Brazil

Executive Office

911 Busse Highway, Park Ridge, Illinois 60068-2375, U.S.A.
Telephone 312-696-2200
Copyright 1985, by the American College of Chest Physicians.
Published monthly.
Second Class Postage Paid at Park Ridge, Illinois
and at additional mailing offices. Return and forwarding
postage guaranteed.
Annual Subscriptions: Personal—U.S. and Puerto Rico,
\$51.00. Canada, Mexico and Other Countries \$63.00.
Institutional—U.S. and Puerto Rico, \$96.00. Canada,
Mexico and Other Countries, \$84.00. Rates effective
July 1, 1983.
Special rates for residents, interns, medical students,
physicians in training: U.S. and Puerto Rico, \$36.00;
Canada, Mexico and Other Countries, \$63.00.
Single copies U.S. and Puerto Rico—\$7.00. Canada,
Mexico and Other Countries \$8.00.
Supplements U.S. and Puerto Rico—\$5.00. Canada,
Mexico and Other Countries \$6.00.

National Advertising Representative

HOWARD L. HAGEMANN
Hagemann Associates
911 Busse Highway
Park Ridge, Illinois 60068-2375
312/696-2200

SYLVIA J. PETERSON
Executive Editor
MARGARET MARTINECZ
Circulation Manager
PATRICIA A. MICEK
Advertising Production

POSTMASTER: Send address
changes to CHEST, 911 Busse Highway,
Park Ridge, IL 60068-2375