Aims and Scope: The International Journal of Technology Assessment in Health Care has as its specific scope of interest the generation, evaluation, diffusion, and use of health care technology. It addresses the diverse audience of health care providers within medicine, nursing, and the allied health professions; decision makers in government, industry, and health care organizations; and the scholarly disciplines such as ethics, economics, law, history, sociology, psychology, and engineering. The journal aims to fill the needs of those interested in the complexities of interaction between people and technology; technology as a force in social and organizational change; and technology as it is created, produced, applied, and paid for. It examines descriptively and analytically the effects of technology as perceived from the vantage point of different academic disciplines and policy-making organizations and examines methods necessary to conduct studies and evaluations of technology.

The focus of the journal will be the international health care community. The experience of different countries in their encounter with health care technology, viewed comparatively, is invaluable to understanding its effects. Further, it is important to establish ties with the scholars, governments, and private institutions concerned with health care technology so that the experiences and learning of the international community in its parts can benefit the whole. The use of technology in health care has created some of the major dilemmas in society today. The journal will serve as a forum for the wide range of professionals interested in the assessment of medical technology, its consequences for patients, and its impact on society.

Membership in the International Society for Technology Assessment in Health Care: Members receive the journal at individual rates and can participate in the Society’s activities, including the annual meeting. Individual dues for 1993, including the journal, are US $90 for regular membership and US $50 for student membership, payable to Cambridge.

1993 Subscription Information: International Journal of Technology Assessment in Health Care (ISSN 0266-4623) is published quarterly. Annual institutional subscription rates for Volume 9 (1993): US $118.00 in the U.S.A. and Canada; £71.00 elsewhere. Individual rates: US $85.00 in the U.S.A. and Canada; UK £47.00 elsewhere. Prices include postage and insurance; air mail or registered mail is extra. Back volume prices are available upon request.
CONTENTS

GENERAL ESSAYS

The Appropriateness of the Use of Cardiovascular Procedures: British Versus U.S. Perspectives 3
Steven J. Bernstein J. R. Hampton
Jacqueline Kosecoff Robert H. Brook
David Gray

Jonathan Lomas

Standardizing Methodologies for Economic Evaluation in Health Care: Practice, Problems, and Potential 26
Michael Drummond Bryan Luce
Arno Brandt Joan Rovira

Toward Quality Assurance in QALY Calculations 37
Erik Nord

Defusing Technology: Technology Diffusion in British Columbia 46
Arminee Kazanjian Kathryn Friesen

Robert C. Boutwell Janet B. Mitchell

Perspectives on Health Technology Assessment in Latin America: The Case of Perinatal Care in the Literature 76
Ronney B. Panerai Mauro Z. Miranda
Rosimary T. Almeida Luiz Claudio A. Madureira
Sergio M. Freire Miguel A. S. Aguier Neto
Deise M. V. R. Chaim

Is High-flux Dialysis Cost-effective? 85
John C. Hornberger Alan M. Garber
Michael E. Chernew

Assessing the Effectiveness of Ambulatory Cardiac Monitoring for Specific Clinical Indications: Introduction 97
Miriam E. Adams Joseph Lau
Alexia Antczak-Bouckoms Thomas C. Chalmers
Howard S. Frazier Frederick Mosteller

The Diagnosis of Syncope in the Elderly 102
Howard S. Frazier
Noninvasive Testing of Asymptomatic Patients for the Detection of Silent Ischemia after an Infarction: A Decision Analysis

Joseph Lau
Miriam E. Adams

Ambulatory Cardiac Monitoring for the Evaluation of Antiarrhythmic Agents

Alexia Antczak-Bouckoms
J. F. C. Tulloch
Miriam E. Adams

RESEARCH NOTE

Accidental Injuries of Hospitalized Patients: A Prospective Cohort Study

James E. Groves
Philip W. Lavori
Jerrold F. Rosenbaum

TECHNOLOGY ASSESSMENT REPORTS

Reports from the Canadian Coordinating Office for Health Technology Assessment (CCOHTA)

The Excimer Laser
Regulation of Medical Devices and Associated Activities in Canada

Report from the Program on Technology and Health Care, Georgetown University Medical Center

Conference on Testing for Genetic Disease and Its Implications

Reports from the U.S. Agency for Health Care Policy and Research (AHCPR)

Single and Double Lung Transplantation
Polysomnography and Sleep Disorder Centers

BOOK REVIEW

MEETINGS AND ANNOUNCEMENTS

CONTRIBUTORS
Editorial Board (continued)

John P. Bunker, M.D.
Professor
School of Medicine
Stanford University
Stanford, California, U.S.A.

E. N. Chigan, M.D.
Director
Division of Noncommunicable Diseases and Health Technology World Health Organization
Geneva, Switzerland

Hesio Cordeira, M.D.
Professor
Universidade Federal do Rio de Janeiro
Rio de Janeiro, Brazil

Luigi Donato, M.D.
Professor
Instituto de Fisiologia Clinica CNR
Pisa, Italy

Robert Evans, Ph.D.
Professor
Department of Economics
University of British Columbia
Vancouver, British Columbia, Canada

David Feeny, Ph.D.
Professor
McMaster University
Hamilton, Ontario, Canada

Peter F. Hjort, M.D.
Professor
National Institute of Public Health
Oslo, Norway

Naoki Ikegami, M.D.
Professor
Keio University School of Medicine
Tokyo, Japan

Bryan Jennett, M.D.
Professor
Dean, Faculty of Medicine
University of Glasgow
Glasgow, Scotland

Duncan Neuhauser, Ph.D.
Professor
Department of Community Health
School of Medicine
Case Western Reserve University
Cleveland, Ohio, U.S.A.

Miriam Orleans, Ph.D.
Professor
Department of Preventive Medicine and Biometrics
University of Colorado Health Sciences Center
Denver, Colorado, U.S.A.

Emile Papiernik, M.D.
Professor
Hospital Antoine Beclere
Clamart, France

Frederick C. Robbins, M.D.
University Professor
Case Western Reserve University
Cleveland, Ohio, U.S.A.

Steven Schroeder, M.D.
President
Robert Wood Johnson Foundation
Princeton, New Jersey, U.S.A.

Mordechai Shani, M.D.
Director
The Chaim Sheba Medical Center
Tel-Hashomer, Israel

Jacobo A. Tieffenberg, M.D.
President
ACINDES
Buenos Aires, Argentina

Ted Tyson
President
Tyson Consulting Group
Buffalo Grove, Illinois, U.S.A.

Judith L. Wegner, Ph.D.
Office of Technology Assessment Congress of the United States
Washington, DC, U.S.A.

Johannes Vang, M.D., Ph.D.
Professor
Manager, European Program for Hospitals and Health Institutions
World Health Organization
Copenhagen, Denmark

Kara K. McArthur
Production Editor
The University of Texas Health Science Center at Houston
Houston, Texas, U.S.A.