

1986
The Year Book of
Obstetrics and
Gynecology®

Editors

ROY M. PITKIN, M.D.

FRANK J. ZLATNIK, M.D.

05542

R71-55

P696

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*Professor and Head, Department of Obstetrics and Gynecology,
University of Iowa College of Medicine*

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Acta Chirurgica Scandinavica
Acta Endocrinologica
Acta Obstetrica et Gynecologica Scandinavica
American Journal of Clinical Nutrition
American Journal of Clinical Pathology
American Journal of Diseases of Children
American Journal of Epidemiology
American Journal of Medicine
American Journal of Obstetrics and Gynecology
American Journal of Psychiatry
American Journal of Roentgenology
Anesthesia and Analgesia
Annales Chirurgiae et Gynaecologiae
Annals of Internal Medicine
Annals of Neurology
Annals of the Royal College of Surgeons of England
Archives of Dermatology
Archives of Disease in Childhood
Arthritis and Rheumatism
Australian and New Zealand Journal of Obstetrics and Gynaecology
British Heart Journal
British Journal of Obstetrics and Gynaecology
British Journal of Urology
British Medical Journal
Canadian Journal of Psychiatry
Canadian Journal of Surgery
Cancer
Clinical Genetics
Clinical Science
Contraception
European Journal of Clinical Pharmacology
Fertility and Sterility
Gynecologic and Obstetrics Investigation
Gynecologic Oncology
International Journal of Cardiology
International Journal of Fertility
International Journal of Gynecological Pathology
Israel Journal of Medical Sciences
Journal of the American Medical Association
Journal of Applied Physiology: Respiratory, Environmental and Exercise Physiology
Journal of Cardiovascular Ultrasonography
Journal of Clinical Endocrinology and Metabolism
Journal of Endocrinology
Journal of Infectious Diseases
Journal of Pediatrics
Journal of Urology
Lancet
Medicine and Science in Sports and Exercise
New England Journal of Medicine
New Zealand Journal of Medicine
Obstetrics and Gynecology

Pediatric Infectious Disease

Pediatric Research

Pediatrics

Prostaglandins

Radiology

Scandinavian Journal of Clinical Laboratory Investigation

Science

Surgery

Surgery, Gynecology and Obstetrics

Transplantation

Urologia Internationalis

Vox Sanguinis

Publisher's Preface

Publication of the 1986 YEAR BOOK OF OBSTETRICS AND GYNECOLOGY marks the end of an outstanding era of YEAR BOOK editorship by Drs. Roy Pitkin and Frank Zlatnik. During Dr. Pitkin's 11 and Dr. Zlatnik's 8 years of editorship, the volume's readers have been treated to perceptive and informative commentary of the highest caliber. We extend our deepest appreciation for the service they have provided and for their unending support and enthusiasm for the YEAR BOOK. They will be missed by the staff of Year Book Medical Publishers.

Beginning with the 1987 edition, editorship of the YEAR BOOK OF OBSTETRICS AND GYNECOLOGY will be placed in the capable hands of Drs. Daniel R. Mishell, Jr., Thomas H. Kirschbaum, and C. Paul Morrow, who will carry on the tradition of distinguished editorial direction of this YEAR BOOK. We enthusiastically welcome this team as we extend our heartfelt thanks and appreciation to Drs. Pitkin and Zlatnik for their years of excellent service.

Introduction

The concept of direct surgical correction of fetal defects, undreamed of a few short years ago, has become a reality. Our enthusiasm for this form of treatment, however, must be tempered with recognition of the significant limitations of our diagnostic and therapeutic methodologies and, in particular, with concerns about the nature of quality of life it affords. At our request, Dr. Roger A. Williamson of The University of Iowa has prepared a thorough and comprehensive summary of what is—and more importantly, what is not—possible at the present time. Readers will find this a useful review of the current state of the art, as well as a set of meaningful guidelines for modern management.

In reviewing the approximately 400 abstracts, coming from more than 75 scientific journals, included in the 1986 YEAR BOOK OF OBSTETRICS AND GYNECOLOGY, several new and interesting topics stand out. The effects of physical exercise on reproductive function is the subject of a number of reports relating to both pregnancy and the menstrual cycle. A new method of antepartum fetal assessment by analysis of umbilical artery waveforms appears to hold great promise in evaluating fetal status. The role of “second-look” exploratory laparotomy seems to be coming into focus as a means of improving adjunctive therapy of advanced ovarian cancer.

The 1986 edition of the YEAR BOOK OF OBSTETRICS AND GYNECOLOGY will be the last under our editorship. New and attractive opportunities presented themselves, and to take advantage of them, time had to be found somewhere. Our decision to relinquish the editorship was an extraordinarily difficult one. For more than a decade, the YEAR BOOK has provided us with an enormous source of professional growth and satisfaction. We are, and will ever remain, staunch advocates of the remarkable educational value and opportunities afforded by the YEAR BOOK.

Roy M. Pitkin, M.D.
Frank J. Zlatnik, M.D.

OBSTETRICS