

February 1991

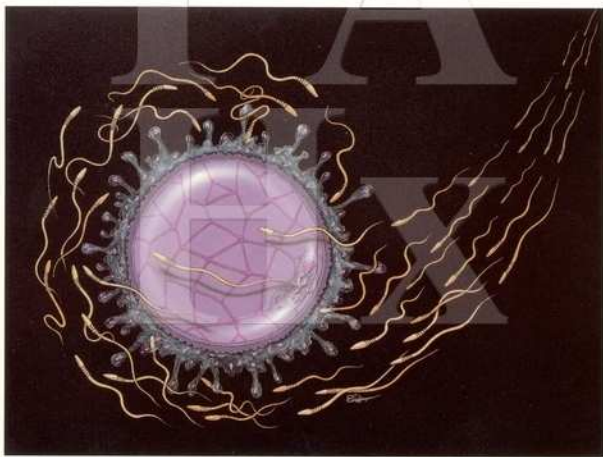
Volume 1 Number 1

---

# CLINICIAN REVIEWS

---

REPORTING ON THE LATEST ADVANCES IN MEDICINE



---

Tom Yachser  
Anne Wittman

# CLINICIAN REVIEWS

## EDITORIAL BOARD

**FRANÇOIS  
BOUTIN**, *MD, MSc, FRCPC*  
 Department of Family Medicine  
 Saint Joseph's Hospital, Québec  
 Université de Québec  
 Québec, Québec, Canada

**DAVID BULLOCK**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**BRUNO L. CHAMBERLAIN**, *MD*  
 Family Medicine  
 Québec, Canada

**DR. MARGARETTA CHAMBERLAIN**, *MD, PhD*  
 Family Medicine  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. JOHN HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**BRUNO L. CHAMBERLAIN**, *MD*  
 Family Medicine  
 Québec, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

**DR. J. HARRISON**, *MD*  
 Department of Family Medicine  
 University of Toronto  
 St. Michael's Hospital  
 Toronto, Ontario, Canada

# CLINICIAN REVIEWS

## CONTRIBUTING EDITORS

**Keith D. Fairbanks, PA-C**  
Spellman Center for HIV-Related Disease,  
St Clare's Hospital and Health Center,  
New York, NY

**Tadd S. Lazarus, MD**  
Spellman Center for HIV-Related Disease,  
St Clare's Hospital and Health Center,  
New York, NY

**Maureen E. Savitsky, PharmD**  
Coordinator, Clinical and Drug Information Services,  
Geisinger Medical Center, Danville, Pa

**Margaret S. Schmidt, EdD, MT**  
Program Director,  
Medical Technology Program,  
Duke University Medical Center,  
Durham, NC

**Victoria Sharp, MD**  
Medical Director,  
Spellman Center for HIV-Related Disease,  
St Clare's Hospital and Health Center,  
New York, NY

**Henry J. Silverman, MD**  
Director, Medical Intensive Care Unit;  
Associate Professor, University of Maryland  
School of Medicine; Chairman, Bioethics  
Committee, University of Maryland  
Hospitals, Baltimore

## ABOUT THE COVER ART

Searching for an appropriate theme for the review article in the debut issue of *Clinician Reviews*, the publishing staff continually returned to the miracle of creation: conception. When that theme was merged with our editorial goal—reporting on the latest advances in medicine—it became obvious that the first review article should focus on the problems associated with infertility, and how medicine has helped infertile couples to conceive.

The cover illustration depicting the sperm and ovum was created by Edmond Alexander, a partner in the illustration studio of Alexander & Turner, located in Santa Rosa Beach, Fla. The illustration won the Ralph Sweet Award for the Best of Show at the annual exhibition of the Association of Medical Illustrators in 1981.

## PUBLISHING STAFF

PUBLISHER  
**David E. Mittman, RPA-C**

EDITOR  
**Robert E. De Donato**

MANAGING EDITOR  
**Diana Ver Nooy**

STAFF WRITER  
**Theodore Bosworth**

ART DIRECTOR  
**Sharyl Sand Carow**

ADMINISTRATIVE MANAGER  
**Lori O'Shaughnessy**

MIDWEST SALES DIRECTOR  
**Robin L. Morgenstern, PA-C, MHA**

ASSOCIATE PUBLISHER  
**Brian K. Blitz, RPA-C**

## CLINICIANS PUBLISHING GROUP CORPORATE OFFICERS

VICE PRESIDENT, MARKETING  
**Thomas F. Yackeren, RPA**

VICE PRESIDENT, PUBLISHING  
**Joseph A. Leahy**

VICE PRESIDENT, ADVERTISING SALES  
**David E. Mittman, RPA-C**

VICE PRESIDENT, EDITORIAL DIRECTOR  
**Robert E. De Donato**

## WILLIAMS & WILKINS

PRESIDENT, PERIODICALS  
**Alma J. Wills**

EXECUTIVE SPONSOR  
**James Mulligan**

ADVERTISING PRODUCTION  
**Roland Keve**

CLASSIFIED ADVERTISING MANAGER  
**Beth Missett**

# CLINICIAN REVIEWS

---

## GUIDELINES FOR AUTHORS

18

---

## MEET THE EDITORIAL BOARD

20

---

## RECERTIFICATION NOTEBOOK

Differential Diagnosis of Measles

23

---

## EDITORIAL

In Step With the Times

David E. Mittman, RPA-C, Paul C. Hendrix, PA-C, and Robert E. De Donato

24

---

## LITERATURE MONITOR

New Guidelines for *H Influenzae* Vaccine—*Pediatrics*

Vitamins and Heart Disease—*Lancet*

Abused Women and GI Disorders—*Ann Intern Med*

LH, Infertility, and Miscarriage—*Lancet*

Behavioral Treatment of Obese Children—*JAMA*

Bone Loss and Ovulatory Disturbances—*N Engl J Med*

Hair Dryer Burns in Children—*Pediatrics*

Infant Mortality Among US Hispanics—*JAMA*

Drugs, Stroke, and Young Adults—*Ann Intern Med*

New Face Mask for COPD—*N Engl J Med*

26

---

## CLINICAL REVIEW

Treatment of Infertility: A Review of Recent Advances

Freddi Segal-Gidan, PA-C, and George L. White, Jr, PA-C, MSPH, PhD

44

---

## AIDS UPDATE

Keith D. Fairbanks, RPA-C, Tadd S. Lazarus, MD, and Victoria Sharp, MD

65

continued on page 17

# CLINICIAN REVIEWS

---

## CONFERENCE NEWS UPDATE

---

American College of Allergy & Immunology  
November 10-14, 1990  
San Francisco

73

American Heart Association  
November 11-15, 1990  
Dallas

79

---

## CME CONFERENCE CALENDAR

---

87

---

## ISSUES IN ETHICS

---

Why Ethics?

88

Ethics Post-Cruzan:

Asking Hard Questions on Who Shall Live and Who Shall Die  
*Janicmarie K. Vinicky, MA, PA, and Henry J. Silverman, MD*

90

---

## ADVERTISER INDEX

---

100

---

## ACROSS THE NATION

---

102

STATEMENT OF EDITORIAL PURPOSE: *Clinician Reviews*® is designed to keep the physician assistant and nurse practitioner abreast of the ever-changing, continually growing body of medical knowledge by reporting on the latest medical care advances. Articles and features cover major areas of medicine and surgery. Reports from medical meetings are included, along with summaries of significant articles in the leading medical literature. Medical ethics, pharmacology, recertification briefs, laboratory testing, and case presentations also are highlighted features.