

Health care providers and programs working in developing countries may obtain additional copies of this book free of charge. See list of local distributors inside back cover or write to the address below. The publisher welcomes orders for multiple copies. In the US and other developed countries, copies are US\$5 each. Please send payment in US\$ with order to the address below.

Published by

**Population Information Program
Center for Communication Programs**

The Johns Hopkins Bloomberg School of Public Health
111 Market Place, Baltimore, MD 21202, USA
Fax: (410) 659-6266

Suggested citation: Hatcher, R.A., Rinehart, W., Blackburn, R., Geller, J.S., and Shelton, J.D. *The Essentials of Contraceptive Technology*. Baltimore, Johns Hopkins Bloomberg School of Public Health, Population Information Program, 1997.

ISBN: 1-885960-01-8

Fourth Printing, 2003

The Essentials of Contraceptive Technology is made possible through support provided by GH/POP/PEC, Global, United States Agency for International Development, under the terms of Grant No. HRN-A-00-97-00009-00.



**Johns Hopkins Bloomberg
School of Public Health
Center for
Communication Programs**



**World Health
Organization
Family Planning and
Population Unit**



**United States Agency for
International
Development
Office of Population**

The Essentials of Contraceptive Technology

Robert A. Hatcher, M.D., M.P.H.

Ward Rinehart

Richard Blackburn

Judith S. Geller

James D. Shelton, M.D., M.P.H.



Population Information Program

Center for Communication Programs
The Johns Hopkins Bloomberg
School of Public Health

March 2003

This book was planned, written, and edited by:

Robert A. Hatcher, M.D., M.P.H., Professor of Gynecology and Obstetrics, Emory University School of Medicine

Ward Rinehart, Project Director, Population Information Program, Center for Communication Programs, Johns Hopkins Bloomberg School of Public Health

Richard Blackburn, Senior Research Analyst, **Population Reports**, Population Information Program, Center for Communication Programs, Johns Hopkins Bloomberg School of Public Health

Judith S. Geller, Research Analyst, **Population Reports**, Population Information Program, Center for Communication Programs, Johns Hopkins Bloomberg School of Public Health

James D. Shelton, M.D., M.P.H., Senior Medical Scientist, Office of Population, United States Agency for International Development

©2003 Robert A. Hatcher and the Johns Hopkins Center for Communication Programs

The authors and publisher invite you to reproduce and otherwise use original material in this book to inform health care providers, their clients, and the public and to improve the quality of reproductive health care. There is no charge, and you do not need permission. Please credit the authors and publisher; see suggested citation inside front cover. Also, we would like to receive a copy of any publication based on parts of this handbook. If, however, you want to use materials in this handbook (including illustrations) that are credited to other sources, you must obtain permission from the original sources. We encourage you to allow others to use your materials free of charge as well, so that information about good reproductive health care can reach as many people as possible.