

Chian and Quinn

Fertility Cryopreservation

# Fertility Cryopreservation

Ri-Cheng Chian and Patrick Quinn

Protecting the reproductive potential of young patients undergoing cancer therapy is increasingly important. With modern treatment protocols, 80% of patients can be expected to survive. It has been estimated that up to one in 250 young adults will be a survivor of childhood cancer in the future; infertility, however, may be a consequence.

A wide range of fertility preservation options may be offered to these patients before treatment is started, including embryo, gamete, and gonadal tissue cryopreservation, and oophoropexy. As such fertility preservation methods are increasingly offered by clinicians, this systematic and comprehensive textbook dealing with the cryobiology, technology and clinical approach to this therapy will be essential reading for infertility specialists, embryologists, oncologists, cryobiologists, ObGyns, andrologists, and urologists with an interest in fertility preservation.

*Fertility Cryopreservation* reviews all the techniques of this increasingly important field within reproductive medicine. It covers the basic principles of pertinent cryobiology, and contains major sections on the different therapies available, written by international specialists combining experience from both academic centers and commercial industries.

**Ri-Cheng Chian** is Scientific Director at the McGill Reproductive Center, McGill University Health Center and Assistant Professor in the Department of Obstetrics and Gynecology at McGill University, Montreal, Canada

**Patrick Quinn** is Vice-President, Research and Development, at Sage IVF, Coopersurgical Company, Trumbull, Connecticut, USA

**Other titles of interest:**

**Sperm Banking**

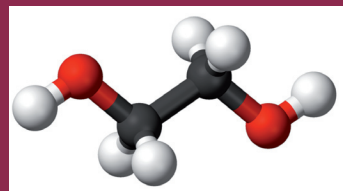
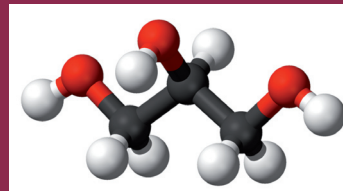
Edited by Allan A. Pacey and Mathew J. Tomlinson (ISBN 9780521611282)

**Environmental Impacts on Reproductive Health and Fertility**

Edited by Tracey J. Woodruff, Sarah Janssen, Louis J. Guillette and Linda C. Giudice (ISBN 9780521519526)

**Ultrasonography in Reproductive Medicine and Infertility**

Edited by Botros R.M.B. Rizk (ISBN 9780521509763)



Cover image: Cryogenically stored sperm being removed from tank  
© COLIN CUTHBERT / SCIENCE PHOTO LIBRARY.  
Designed by Zoe Naylor.

CAMBRIDGE  
UNIVERSITY PRESS  
www.cambridge.org

ISBN 978-0-521-51778-2



CAMBRIDGE

CAMBRIDGE

Medicine