# Oncofertility: Ethical, Legal, Social, and Medical Perspectives

## Table of Contents

**Introduction**
By Co-editors Teresa K. Woodruff, Laurie Zoloth, Lisa Campo-Engelstein, and Sarah Rodriguez

**Part I The Science and Technology of Oncofertility**

1. **Reproductive Health After Cancer** .......................................................... 3
   Clarisa R. Gracia

2. **Designing Follicle–Environment Interactions with Biomaterials** ........................................................................... 9
   Rachel M. Smith, Teresa K. Woodruff, and Lonnie D. Shea

3. **Gamete Preservation** .................................................................................. 23
   Susan L. Barrett and Teresa K. Woodruff

4. **To Transplant or Not to Transplant – That Is the Question** .................... 39
   Sherman J. Silber, Teresa K. Woodruff, and Lonnie D. Shea

5. **Clinical Cases in Oncofertility** ................................................................. 53
   Laxmi A. Kondapalli, Fanzhen Hong, and Clarisa R. Gracia

6. **Cancer Genetics: Risks and Mechanisms of Cancer in Women with Inherited Susceptibility to Epithelial Ovarian Cancer** 67
   Lee P. Shulman and Jeffrey S. Dungan

7. **Protecting and Extending Fertility for Females of Wild and Endangered Mammals** .................................................. 85
   Pierre Comizzoli, Nucharin Songsasen, and David E. Wildt

**Part II Historical and Legal Perspectives**

8. **Placing the History of Oncofertility** ........................................................ 101
   Sarah Rodriguez

9. **Medical Hope, Legal Pitfalls: Potential Legal Issues in the Emerging Field of Oncofertility** ............................................. 109
   Gregory Dolin, Dorothy E. Roberts, Lina M. Rodriguez, and Teresa K. Woodruff

10. **Domestic and International Surrogacy Laws: Implications for Cancer Survivors** ......................................................... 133
    Kiran Sreenivas and Lisa Campo-Engelstein

11. **Adoption After Cancer: Adoption Agency Attitudes and Perspectives on the Potential to Parent Post-cancer** ................. 151
    Shauna L. Gardino, Andrew E. Russell, and Teresa K. Woodruff

**Part III Clinical and Theoretical Ethics**

12. **Ovarian Tissue Cryopreservation and Bioethical Discourse** .................. 171
    Cristina L.H. Traina

13. **The Lessons of Oncofertility for Assisted Reproduction** ...................... 179
    Adrienne Asch

14. **Morally Justifying Oncofertility Research** ............................................. 185
    Carolyn McLeod

15. **Ethical Dilemmas in Oncofertility: An Exploration of Three Clinical Scenarios** ............................................................ 193
    Clarisa R. Gracia, Jorge J.E. Gracia, and Shasha Chen

16. **Participation in Investigational Fertility Preservation Research: A Feminist Research Ethics Approach** ................. 207
    Michelle L. McGowan

17. **Reproductive ‘Choice’ and Egg Freezing** .............................................. 221
    Angel Petropanagos

18. **The Impact of Infertility: Why ARTs Should Be a Higher Priority for Women in the Global South** ................................. 235
    Amanda Fleetwood and Lisa Campo-Engelstein

19. **Oncofertility and Informed Consent: Addressing Beliefs, Values, and Future Decision Making** ................................. 247
    Felicia Cohn
## Part IV Religious Perspectives

| Bioethics and Oncofertility: Arguments and Insights from Religious Traditions | 20 | Laurie Zoloth and Alyssa A. Henning |
| Sacred Bodies: Considering Resistance to Oncofertility in Muslim Communities | 21 | Rumee Ahmed |
| Unlikely Motherhood in the Qur’an: Oncofertility as Devotion | 22 | Ayesha S. Chaudhry |
| Technology and Wholeness: Oncofertility and Catholic Tradition | 23 | Paul Lauritzen |
| Jewish Perspectives on Oncofertility: The Complexities of Tradition | 24 | Laurie Zoloth |

## Part V Ramifications for Education and Economics

| The Oncofertility Saturday Academy: A Paradigm to Expand the Educational Opportunities and Ambitions of High School Girls | 25 | Megan Faurot and Teresa K. Woodruff |
| Anticipating Ovarian Tissue Cryopreservation in the Health-Care Marketplace: A Willingness to Pay Assessment | 27 | Shauna L. Gardino, Andrew Sfekas, and David Dranove |
| Perspectives on Oncofertility from Demography and Economics | 28 | Rosalind Berkowitz King |
| For the Sake of Consistency and Fairness: Why Insurance Companies Should Cover Fertility Preservation Treatment for Iatrogenic Infertility | 29 | Lisa Campo-Engelstein |

## Part VI Repercussions of Oncofertility for Patients and Their Families

| Healthcare Provider Perspectives on Fertility Preservation for Cancer Patients | 30 | Caprice A. Knapp and Gwendolyn P. Quinn |
| Counseling and Consenting Women with Cancer on Their Oncofertility Options: A Clinical Perspective | 31 | Emily S. Jungheim, Kenneth R. Carson, and Douglas Brown |
| The Fertility-Related Treatment Choices of Cancer Patients: Cancer-Related Infertility and Family Dynamics | 32 | Karrie Ann Snyder, May Kyaw Thazin, William B. Pearse, and Mehwish Moinuddin |
| Whose Future Is It? Ethical Family Decision Making About Daughters’ Treatment in the Oncofertility Context | 33 | Kathleen M. Galvin and Marla L. Clayman |
| Choosing Life when Facing Death: Understanding Fertility Preservation Decision-Making for Cancer Patients | 34 | Shauna L. Gardino and Linda L. Emanuel |

## Part VII Healthcare Provider Stories and Final Thoughts

| Discussing Fertility Preservation with Breast Cancer Patients | 35 | Jacqueline S. Jeruss |
| Warning: Google Can Be Hazardous to Your Health: Fertility Preservation Is an Important Part of Cancer Care | 36 | Jennifer Hirshfeld-Cytron |
| The Role of a Patient Navigator in Fertility Preservation | 37 | Jill Scott-Trainer |
| Judaism and Reproductive Technology | 38 | Sherman J. Silber |