Abstract

With the advent of Assisted Reproductive Technologies, our understanding of the reproductive system in both men and women has progressed in an exponential manner. Along with this increase in knowledge has emerged new and advanced laboratories performing unique techniques aimed at diagnosing and treating infertility problems. And as these laboratories expand, the need for properly trained technicians has also emerged. But while many ART labs are staffed with biologists well trained in reproductive research techniques, they lack the necessary skills to effectively manage these labs. The Handbook of the Assisted Reproduction Laboratory addresses many of the management issues and basic background information on reproductive biology and medicine needed by the technicians staffing and directing these ART labs. Internationally recognized experts in the field discuss various topics in this handbook, which: Reviews male and female reproductive systems and processes Discusses the clinical diagnosis and management of male and female infertility Provides new information on the state-of-the-art techniques of egg and embryo culture, micromanipulation, and biopsy Presents various aspects of quality control, quality assurance, and clinical laboratory management With its in-depth analysis of management issues, as well as basic background information on reproductive biology and medicine, the Handbook of the Assisted Reproduction Laboratory serves as an ideal guide for current investigation and as a stimulus for future developments in the field.
Research Framework: Italian laws define assisted reproductive technology (ART) as a treatment to cure a peculiar disease: infertility. Objective: In vitro fertilization (IVF) is one of the most efficient approaches within the context of assisted reproductive technology (ART) to treat infertility. High pregnancy rates have become the major index of successful IVF in more. Objective: In vitro fertilization (IVF) is one of the most efficient approaches within the context of assisted reproductive technology (ART) to treat infertility. High pregnancy rates have become the major index of successful IVF in clinical studies. It is not clear yet which factors are certainly responsible for IVF success, as various outcomes were obtai With the advent of Assisted Reproductive Technologies, our understanding of the reproductive system in both men and women has progressed in an exponential manner. Along with this increase in knowledge has emerged new and advanced laboratories performing unique techniques aimed at diagnosing and treating infertility problems. And as these lab. its in-depth analysis of management issues, as well as basic background information on reproductive biology and medicine, the Handbook of the Assisted Reproduction Laboratory serves as an ideal guide for current investigation and as a stimulus for future developments in the field. Discover the world's research. To review the experience of an assisted reproduction program. Department of Obstetrics and Gynaecology, University of Hong Kong. Assisted reproduction in a tertiary referral centre. Results of assisted reproduction from 1986-1996. In the past ten years, 1561 treatment cycles of in vitro fertilization and embryo transfer (IVF), 257 of gamete intrafallopian transfer (GIFT) and 217 of pronuclear stage tubal transfer (PROST) were initiated. A listing of equine reproduction books available for sale through Amazon.com. Dr. Squires was for years the supervisor of the Equine Reproduction Laboratory, and Associate Director of the Equine Sciences Program at Colorado State University, and is now director of advancement and industry relations and executive director of the Gluck Equine Research Foundation. He is recognised as one of the current leaders in the field of equine reproduction. Foaling Fundamentals - A DVD Video Handbook for Healthy Foaling [DVD] Discusses and demonstrates a variety of pre-foaling mare care and foaling matters. "Click" here to order this DVD from Amazon.com. Equine Science & Management [DVD] Amazon Review: Experience the most comprehensive equine presentation to date! •