

Human Gametes and Preimplantation Embryos: Assessment and Diagnosis - 2013 - 9781461466512 - 306 pages - Springer Science & Business Media, 2013 - David K. Gardner, Denny Sakkas, Emre Seli, Dagan Wells

Pre-implantation genetic diagnosis (PGD or PIGD) is the genetic profiling of embryos prior to implantation (as a form of embryo profiling), and sometimes even of oocytes prior to fertilization. PGD is considered in a similar fashion to prenatal diagnosis. When used to screen for a specific genetic disease, its main advantage is that it avoids selective abortion, as the method makes it highly likely that the baby will be free of the disease under consideration. PGD thus is an adjunct to assisted Print Book & E-Book. ISBN 9780128164686, 9780128167441.Â The paradox of enlarging genetic datasets for human embryo assessment during in vitro fertilization (IVF) Shachar Zuckerman and Gheona Altarescu 3. A new global perspective: Geographic variations in the use of preimplantation genetic technologies to screen human embryos Alexander M. Quaas 4. Elective gender selection of human embryos during IVF: Ethical and public policy considerations Gab Kovacs 5. Embryo mosaicism and its impact.Â The Belgian experience: Cultural and political factors shaping preimplantation genetic diagnosis during in vitro fertilization Guido Pennings and Heidi Mertes 14. Preimplantation Embryos. M. Cristina Magli, Gayle M. Jones, Kersti Lundin, Etienne Van den Abbeel and The Special Interest Group on Embryology. Human Reproduction Volume 27 Supplement 1 August 2012. Oxford University Press. Atlas of human embryology. From Oocytes To Preimplantation Embryos. Edited by M. Cristina Magli Gayle M. Jones. Kersti Lundin Etienne Van den Abbeel.