

1. Record Nr.	UNINA9910151705703321
Titolo	Clean room technology in ART clinics : a practical guide // edited by Sandro C. Esteves, Alex C. Varghese, Kathryn C. Worrilow
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , [2017] ©2017
ISBN	1-315-35519-1 1-315-37246-0 1-4822-5408-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (461 pages) : illustrations
Disciplina	610.28/4
Soggetti	Materials, Biomedical engineering Biomedical engineering materials Biomedical materials Pathological laboratories
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section I. The basics -- section 2. Design and construction -- section III. Operation and monitoring -- section IV. Quality management in clean room assisted reproductive units -- section V. Clinical outcome and new developments -- section VI. International experience : case studies.
Sommario/riassunto	Regulatory agencies worldwide have issued directives or such requirements for air quality standards in embryology laboratories. This practical guide reviews the application of clean room technology or controlled environments specifically suited for Assisted Reproductive Technology (ART) Units. Its comprehensive coverage includes material on airborne particles and volatile organic compounds, including basic concepts, regulation, construction, materials, certification, clinical results in humans, and more.