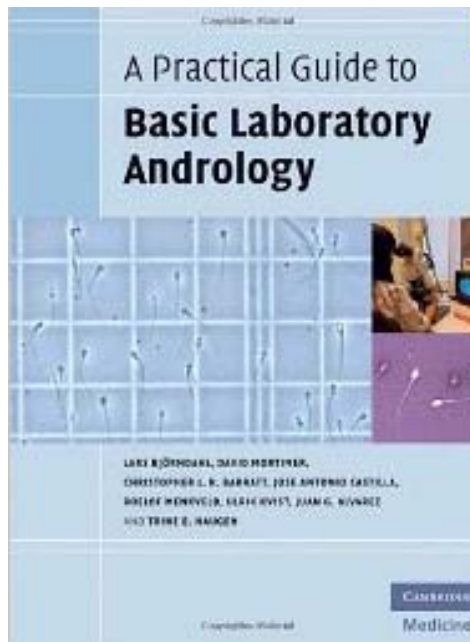


A Practical Guide to Basic Laboratory Andrology



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Based on the very successful NAFA-ESHRE Manual of Basic Semen Analysis we have now compiled a full laboratory handbook on semen analysis. Besides updates on the practical methods of basic semen analysis it also covers essential areas like basic physiology, cryopreservation, sperm preparation and quality management. It also reviews problems with reference ranges for semen analysis, giving a more consistent background than the recent WHO manual. Furthermore, this new Guide provides scientific reasons for keeping the level of quality recommended in the earlier NAFA-ESHRE manual, where the authors have come to the conclusion that the recommendations of the WHO manual is not consistent with appropriate laboratory standards (info from http://www.andrologi.net/en_news.htm)

Contents: List of abbreviations; Preface; 1. Introduction; 2. Basic physiology; 3. Basic semen analysis; 4. External semen analysis; 5. Sperm function tests; 6. Sperm-mucus interaction; 7. Sperm preparation; 8. Sperm cryobanking; 9. SSR; 10. Quality management; 11. Risk management; 12. ReproTox testing; Appendices: 1. Reference values; 2. Basic andrology lab equipment list; 3. Company references; 4. ESHRE CASA consensus; 5. Home testing overview; 6. Sample forms; 7. Comparison of replicate counts; 8. Safety; Index.