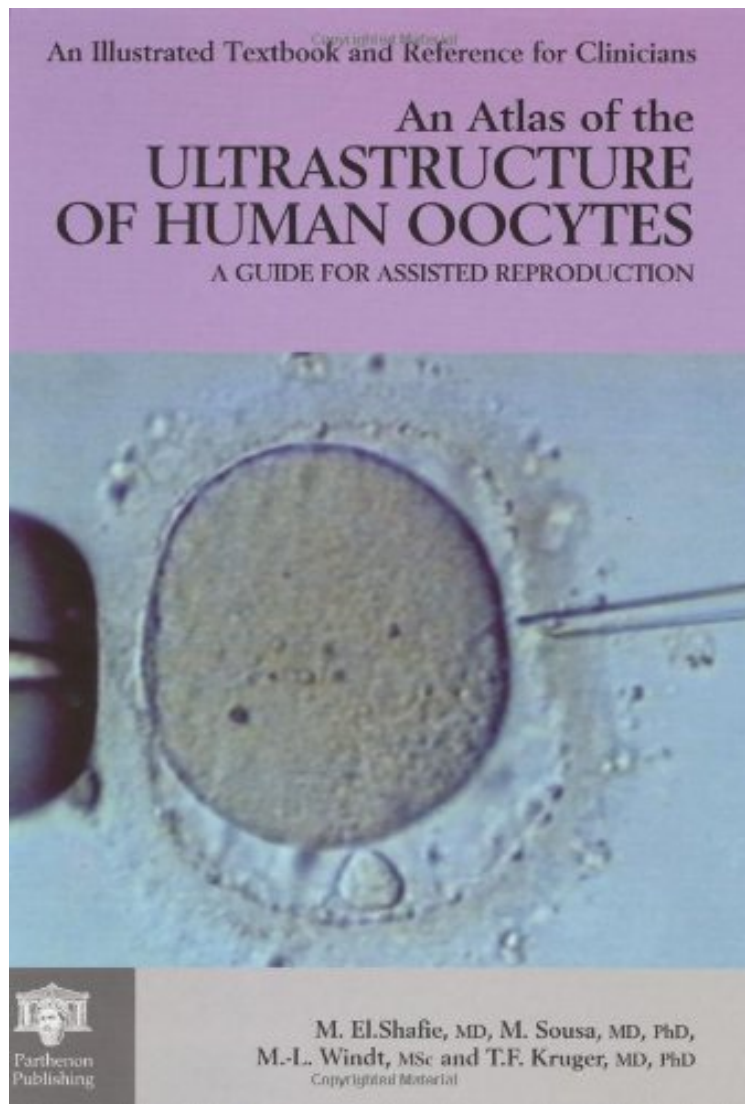


(Mobile book) An Atlas of the Ultrastructure of Human Oocytes: A Guide for Assisted Reproduction  
(Encyclopedia of Visual Medicine Series)

## **An Atlas of the Ultrastructure of Human Oocytes: A Guide for Assisted Reproduction (Encyclopedia of Visual Medicine Series)**

*M. El Shafie, Mario Sousa, Thunus F. Kruger*  
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**M. El Shafie, Mario Sousa, Thunus F. Kruger : An Atlas of the Ultrastructure of Human Oocytes: A Guide for Assisted Reproduction (Encyclopedia of Visual Medicine Series)** before purchasing it in order to gage whether or not it would be worth my time, and all praised An Atlas of the Ultrastructure of Human Oocytes: A Guide for Assisted Reproduction (Encyclopedia of Visual Medicine Series):

This ground-breaking atlas of oocyte ultrastructure forms a practical guide to assisted reproduction. Extensively illustrated with transmission electron microscopic (TEM) images, it contains chapters on oocyte maturation, fertilization, fertilization failure, pitfalls and technical problems of intracytoplasmic sperm injection, and failed fertilization in vitro to explain the principles and evaluation of TEM images. A large chapter of TEM images of the ultrastructure of human oocytes illustrates fertilization failures after ICSI and IVF and the ultrastructure of germinal vesicle oocytes and metaphase I oocytes. It also contains detailed information about abnormal metaphase II oocytes with sections on autolysis, multi-vacuolated mature oocyte, refractile body, and fragmented oocyte. The concluding chapter describes materials and methods for single-cell transmission electron microscopy of the human oocyte.

"Windt, Barros and Sousa must be congratulated on their step-by-step description of the ICSI techniquea well-balanced account of the fertilization process. This excellent atlas is a must-have for clinicians and scientists involved in assisted reproduction programs, as well as those in need of a quick but thorough run-through in this exciting field of medicine. Given that half of this 187-page book consists of pictures, it provides for easy yet highly informative reading. Truly, if a picture is worth a thousand words then this book speaks volume." - Organon's Magazine on Women Health