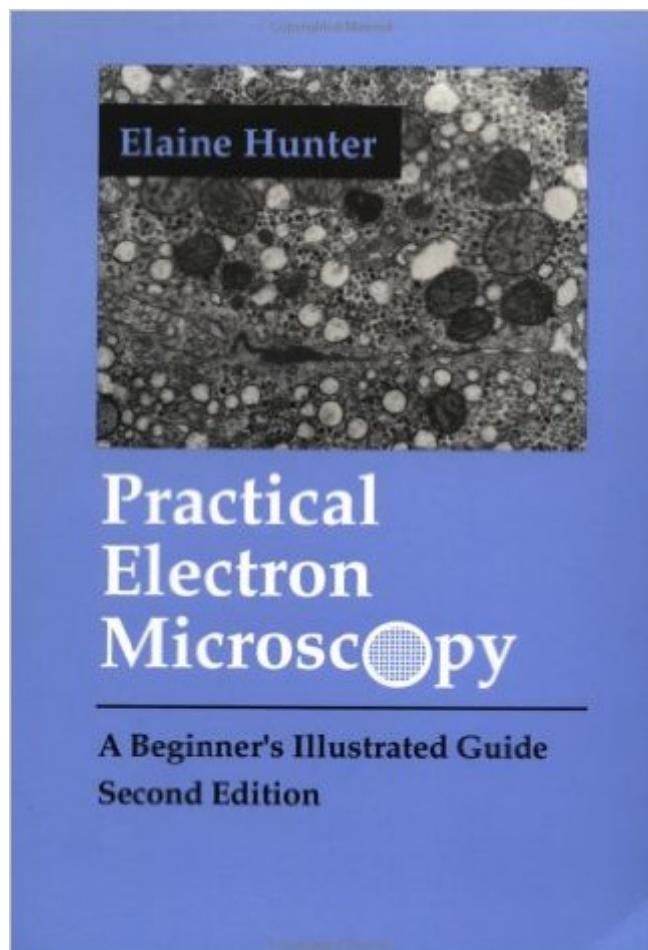


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# Practical Electron Microscopy: A Beginner's Illustrated Guide



## Synopsis

This is an extensively illustrated laboratory manual of transmission electron microscopy techniques for the laboratory technician, graduate student, or researcher. Chapters begin with a general discussion, move on to the chemicals and equipment required for the method being described and conclude with a step-by-step presentation of the method and instructions for the preparation of solutions. Notes at the end of each chapter warn of possible pitfalls and outline "tricks of the trade". The methods and techniques outlined have been tested for over ten years in clinical and research laboratory situations, and are entirely reliable. Practical Electron Microscopy covers fixation, dehydration and embedding, semithin and thin sectioning, the electron microscope, and photography. For this new edition, the chapters on photography and the electron microscope have been completely rewritten and two new chapters have been added, one on immunoelectron microscopy using colloidal gold, and one dealing with such special techniques as retrieving specimens from paraffin and handling nasal brushings and blood samples.

## Book Information

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## Customer Reviews

It it a nice book. I am a photographer, and wanted to get into microphotography, so bought this to get ideas on how to do the craft better. It helps a lot in that I could approach my slide preparation better and have cleaner results. I probably won't be in the WHO tomorrow doing their slides, but I am able to get some great images. If you do do this for photography you will probably need stacking software as depth is very limited with microscopes. Good for those keen on approaching

microscopy. Well satisfied.

This books provides the basic understanding that anyone venturing into the EM world will find extremely useful. I highly recommend this book to anyone who wants to get a reference on EM fixation, embedding and staining. Very easy read and illustrations are helpful.

I am a bigigner's in practicing the elelctron microscopy. This book provides a good introduction and important checklists during the practice of electron microscopy. Most important of all, it is not heavy.

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D. B. Williams's C. Barry Carter's Transmission Electron Microscopy 2nd(Second) edition (Transmission Electron Microscopy: A Textbook for Materials Science [Hardcover])(2009) Typical Electron Microscope Investigations (Monographs in Practical Electron Microscopy in Materials Sci) Practical Electron Microscopy: A Beginner's Illustrated Guide Electron Diffraction in the Transmission Electron Microscope (Microscopy Handbooks) Diagnostic Electron Microscopy: A Practical Guide to Interpretation and Technique Scanning Electron Microscopy and X-Ray Microanalysis: A Text for Biologists, Materials Scientists, and Geologists Scanning Electron Microscopy and X-Ray Microanalysis Handbook of Transmission Electron Microscopy Electron Microscopy, 2nd Edition Light and Electron Microscopy Transmission Electron Microscopy: A Textbook for Materials Science (4 Vol set) Scanning Transmission Electron Microscopy of Nanomaterials: Basics of Imaging Analysis Introduction to Electron Microscopy Sample Preparation Handbook for Transmission Electron Microscopy: Techniques Scanning Transmission Electron Microscopy: Imaging and Analysis Transmission Electron Microscopy: Physics of Image Formation (Springer Series in Optical Sciences) Principles and Techniques of Electron Microscopy: Biological Applications Children's Books: The Fairy Circle: (A beautifully illustrated bedtime story, beginner readers, animals, fantasy, rhyming picture book). (Sleepy Time Beginner Readers Book 4) Illustrated Thesaurus (Usborne Illustrated Dictionaries) (Usborne Illustrated Dictionaries) Electron Paramagnetic Resonance of Exchange Coupled Systems

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