

# Preface

*“Microsurgery for Fertility Specialists: A Practical Text”* is designed as a resource for physicians who specialize in the surgical treatment of infertility. This book will outline some of the basics of microsurgery, the indications, as well as various surgical techniques. It is intended for all providers who practice microsurgery in the field of andrology. The field has evolved over the years, from the use of loupe magnification to state-of-the art operating microscopes. Although improvements in assisted reproductive technology (ART), specifically intracytoplasmic sperm injection, has rendered some microsurgical procedures to become secondary to ART, many fertility specialists continue to provide excellent outcomes, as well as the restoration of fertility and sexual function, to their patients. This book is designed to provide these specialists with detailed operative descriptions of these surgical procedures, from vasectomy reversals to sperm acquisitions, tubal re-anastomosis, and even penile surgery. Furthermore, it is intended to help teach the next generation of microsurgeons, as I believe that it is incumbent upon us, as physicians, to pass on our knowledge. Each chapter is cowritten by both a junior and a senior author in order to allow more junior-level experts to gain valuable experience and knowledge. There are chapters that are specifically dedicated to the education of residents and fellows, as they are the future of fertility surgery. Finally, the role of microsurgery in non-infertility procedures is covered as well.

*“Microsurgery for Fertility Specialists”* will allow providers with a basic knowledge of infertility surgery to become better prepared in the field, while those with more advanced knowledge will be able to utilize this resource to maintain and advance their microsurgical practice, as well as assist in the education of others.

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