DSEK—What you need to know about Endothelial Keratoplasty Eds: Francis W. Price, Jr. and Marianne O. Price, 195 pp., Hard Cover US\$114.95, ISBN 978-1-55642-881-4 Slack Incorporated

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Received: 30 December 2009 / Accepted: 30 December 2009 / Published online: 4 February 2010
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“DSEK—What you need to know about Endothelial Keratoplasty” is a multi-authored book edited by Francis and Marianne Price. The book is based upon a renowned training course for corneal surgeons at their facility. Due to rapid advances in corneal microsurgery, such a book has been eagerly anticipated by corneal surgeons wanting to update their technical knowledge.

The book is written in five sections, each subdivided into several chapters. The sections are as follows: an introduction to endothelial keratoplasty, basic DSEK technique, “Beyond the basics”, which explains specific approaches in depth, “Eye Banking” and an invaluable FAQ section that anticipates most questions a reader would have after reading previous parts of the book. The first section gives a historical overview of endothelial keratoplasty and highlights the patient’s perspective. It also summarises the indications and patient selection criteria for endothelial keratoplasty. In the last chapter of this section, endothelial keratoplasty and penetrating techniques are compared. The

second section subsequently goes into detail regarding surgical techniques and DSEK instrumentation, and also describes postoperative care. The third section describes the complications, challenges, and the prevention and management of DSEK. It should be emphasised that the authors devote a chapter specifically to DSEK in Asian eyes, which is extremely informative. There is also an additional chapter about tips, insights and techniques from other surgeons. Chapter 10 covers Descemet’s membrane endothelial keratoplasty, which is followed by air management of posterior grafts. The section covering “Eye Banking” is especially useful, as it explains the special need for eye banking with regard to non-penetrating techniques, as well as the current status of eye banking. A subchapter discusses the use of eye bank pre-cut- versus surgeon-dissected donor tissue for endothelial keratoplasty. Most chapters in the book have rich and comprehensive reference lists.

Price and Price have gathered experienced colleagues to write this excellent textbook, making it an outstanding work of practical use. The book successfully fulfils its aims, giving a concise introduction and guidelines to the rapidly developing field of non-penetrating transplantation techniques.

In addition, this textbook comes with an excellent surgical DVD which contains videos covering the following fields: donor preparation, EK recipient preparation, DSEK graft insertion, DSEK positioning, DSEK challenge, DSEK insertion and positioning. The strong feature of this book is that it covers both the theoretical and surgical/technical aspects of non-penetrating keratoplasty in written and in video form in the DVD.

We are confident that this book will be useful for all ophthalmic surgeons either starting or already established in performing non-penetrating keratoplasty, as well as for general ophthalmologists interested in this topic.

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