Book Review

Locking plates: Concepts and applications

Editors: Anand J Thakur

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This book precisely focuses on basic principles and corrects methodology to use the locking plates.

It is divided into two parts, the first dealing with the basic concepts and principles of the locking screw holes and plates and their effect on bone healing. At first glance there appears to be a trifle surfeit of biomechanics, but on a closer look it discusses the mechanical principles and physics involved which is essential, both for the postgraduate students and the practicing orthopedic surgeons. Each of the succeeding chapters dealing with the indications, the plate length and screw density and minimal invasive plate osteosynthesis are excellently structured and elaborated. Complications, issues of implant removal are likewise adequately dealt, with the “boxes” on “good practices” and other strikingly important points given in chapters, being very handy and useful. The diagrams and the tables given in the text at different stages are self explanatory.

The second part of the book deals with the regional applications of locking plates for the different bones and fractures, including a chapter on the pediatric applications

of the locking plate. Each chapter deals with the relevant anatomy, the indications and surgical technique, with a word about the complications, rehabilitation, and results. With his vast experience, it would be very elucidating if the author had also mentioned for each region the “what not to do” in similar box forms.

The book is worth a read and place on the bookshelf of every student and a practicing orthopedic surgeon.

Rakesh Bhargava

*Department of Orthopaedic Surgery, National Institute of Medical,
Sciences, Jaipur, Rajasthan, India.
E-mail: drakeshbhargava@hotmail.com*

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