

It is our tremendous pleasure to edit this book *Key Leaders' Opinion on Orthopedics* with massive assistance from Dr. Dongquan Shi. Internationally renowned experts in the field have been invited to give their insightful views on current controversial topics, new skills and technologies chosen to be included in the book. We are glad to hear its Chinese version will soon come into being with the help of young Chinese clinicians and researchers serving as translators to the book.

With exploration of numerous pioneers, significant progresses have been made aiming less invasive during surgery and more cost effective for implant materials with new surgical skills and technologies coming out. Progress in basic science of orthopedic on the other hand, makes a better vision and knowledge of the mechanism of disease and its development. Experience and knowledge shared between global colleagues also boost the progress in a good way.

For orthopedic surgeons all around however, it is a too heavy work to collect and absorb all information shared, not is it an easy work even to catch up progresses made, or new concepts and skills in a timely manner. Thus it is our goal for this book to collect some essential new concepts and skills together and invite renowned experts into discussion to form their insight views for our readers. All selected articles are concise and precise ones towards a specific topic or subject, from different experts.

In this book *Key Leaders' Opinion on Orthopedics*, 3D printing in orthopedics was firstly bring forward, followed by the topic of tranexamic acid reducing blood loss in knee arthroplasty. The topic of reported outcome and patients' satisfaction was discussed significantly then. More other clinical and basic research topics are covered from the advantage of Spinal anesthesia to genetic research of adolescent idiopathic scoliosis.

Hope orthopedic surgeons and researchers find this book with insightful views of different experts helpful and referential. Based on feedback from our readers, we will keep making update of the progress on orthopedics in this form.

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