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JBJS CLINICAL CLASSROOM A MORE EFFICIENT STUDYING TOOL FOR RESIDENTS

"The answers to the questions are consistently evidence-based and provide links to the cited papers if you want to further review the material"

– Orthopaedic Resident

JBJS Clinical Classroom is a leading adaptive learning platform for orthopaedic surgeons and residents. It uses a biological model of adaptive learning technology, observes how you learn, and then individualizes content with a precise focus on knowledge, skill, and confidence deficits. Unlike "question banks".

JBJS Clinical Classroom tailors questions to the user so that they spend up to 50% less time learning the same material.¹



Unlike any other study tool

When answering questions in Clinical Classroom, you must choose: "I know it," "Think so," "Unsure," or "No idea" to describe your confidence in the answer you are selecting. **The adaptive algorithm looks at how a question is answered, the selected confidence level, as well as the time taken to answer each question.** It then uses evidence-based algorithms to direct you away from subjects you are proficient in and toward weaker areas until all content is mastered, adapting as you learn.

Other online study tools typically focus on passing exams as opposed to mastery and reinforcement of information. In these tools, users just answer 200 questions and that is it. By contrast, Clinical Classroom quickly identifies learners' strengths and weaknesses during the test-taking process so that **they can continually focus on areas they have not yet mastered or about which they are uncertain.**

Residents who begin using Clinical Classroom during their residency can continue as they move into fellowships and independent practice - a lifetime of orthopaedic education in one tool! The platform's adaptive algorithm works the same way for residents as it does for individual clinicians. It can be used independently or incorporated into a program's curriculum.

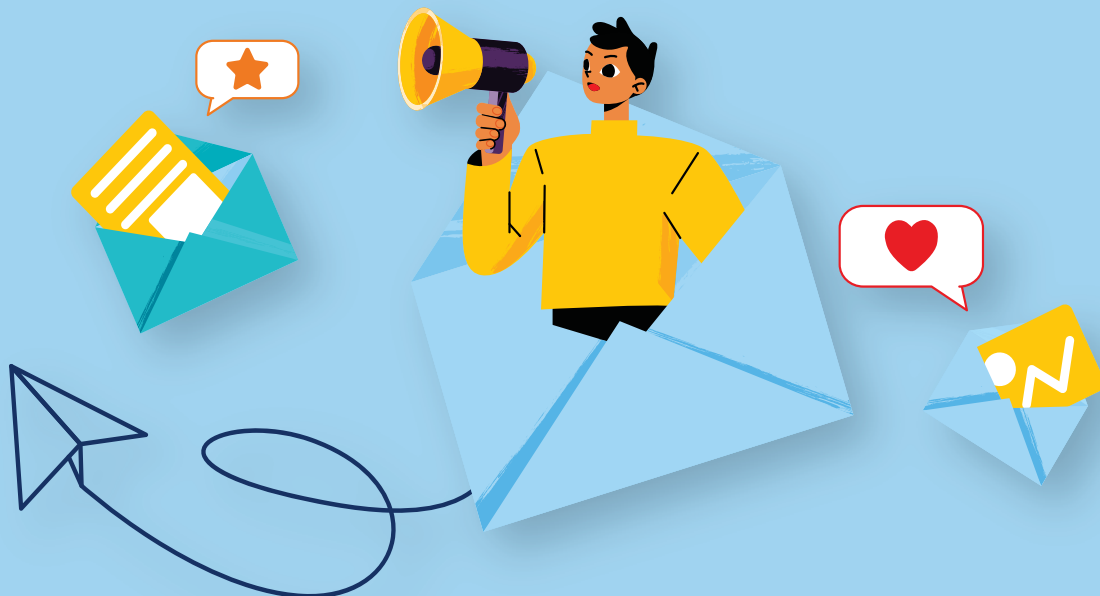
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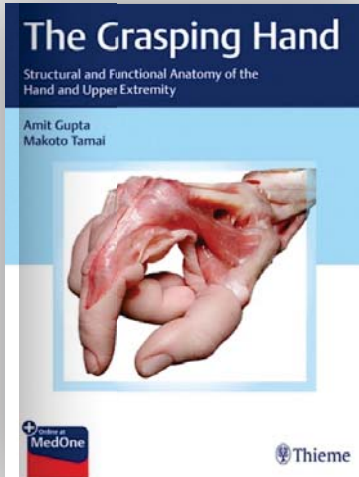
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Latest Books



The Grasping Hand

Structural and Functional Anatomy of the Hand and Upper Extremity

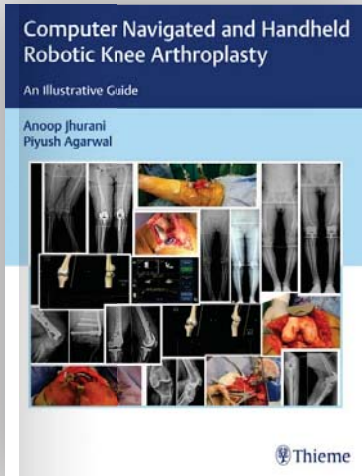
Gupta, Tamai

ISBN: 9781604068160 | **Binding:** Hardback

Pages: 489 | **Illustrations:** 1184 | **Price:** ₹ 16,700

The hand is a unique instrument that executes the commands of the brain and expresses the nuances of the mind. *The Grasping Hand: Structural and Functional Anatomy of the Hand and Upper Extremity* by Amit Gupta and Makoto Tamai is a state-of-the-art book that details the functions of the hand to feel, receive, gather, collect and hold, as well as the complex role that the whole upper extremity plays in enabling these actions. The anatomical structures intrinsic to these functions are detailed through illuminating cadaveric dissections and succinct text.

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Computer Navigated and Handheld Robotic *Knee Arthroplasty*

An Illustrative Guide

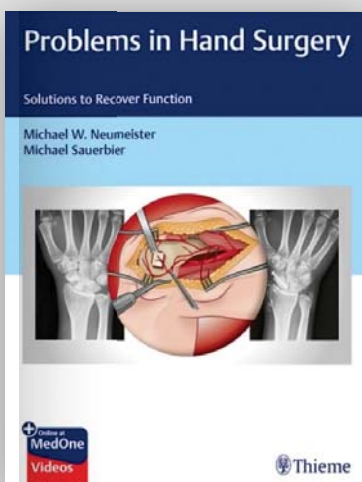
Jhurani, Agarwal

ISBN: 9789390553402 | Binding: Hardback | Year: 2021

Pages: 208 | Illustrations: 634 | Price: ₹ 3,995

Computer Navigated and Handheld Robotic Knee Arthroplasty: An Illustrative Guide is a compendium of principles and practices of using technology to improve outcomes of partial and total knee arthroplasty. The first two chapters describe the basics of computer-assisted surgery and setting up the operation theater. Chapters 3 and 4 describe varus and valgus deformities, and their association with sagittal plane deformity. The interplay and influence of one over the other are described with the help of clinical pictures and case examples. Chapters 5 and 6 include severe sagittal plane deformity (full flexion deformity, recurvatum) and an algorithmic approach to correct both. Chapters 7 to 9 are on complex cases such as extra-articular deformity, implants in situ, etc., and describe the principles of managing these complex cases with representative examples. Chapters 10 and 11 cover partial and total knee arthroplasty with handheld robotics. This new technology helps in better assessment of soft tissue behavior and aids in improved implantation considering individual knee kinematics.

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Problems in Hand Surgery Solutions to Recover Function

Neumeister, Sauerbier

ISBN: 9781626237094 | Binding: Hardback | Year: 2020

Pages: 462 | Illustrations: 1116 | Price: ₹ 23,100

The intricate balance of the intrinsic and extrinsic soft tissue structure and bony scaffold of the hand, coupled with 31 articulating surfaces in the hand and wrist, can lead to significant surgical challenges. Providing surgeons with technical pearls to overcome these challenges is the primary focus of Problems in Hand Surgery: Solutions to Recover Function by internationally renowned hand surgeons Michael W. Neumeister and Michael Sauerbier, and an impressive group of contributors.

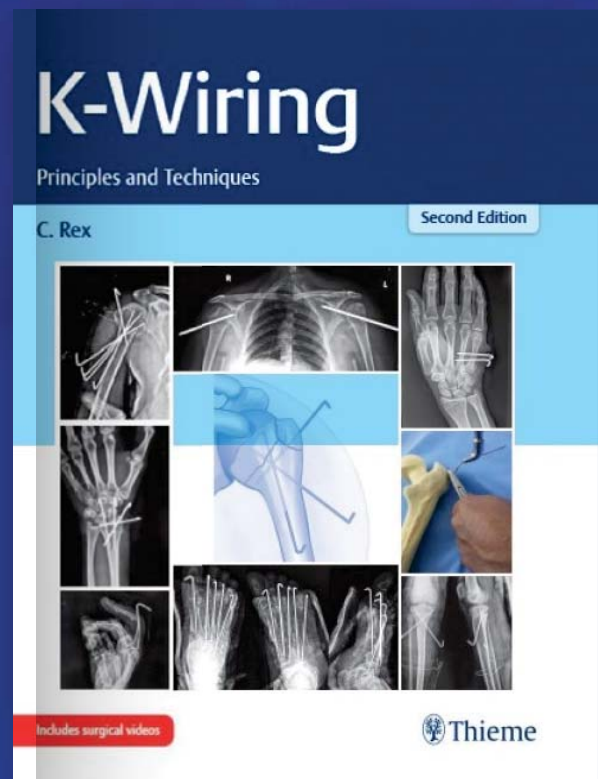
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K-Wiring

Principles and Techniques

C. Rex

- **ISBN:** 9789390553624
- **Binding:** Hardback
- **Edition:** 2
- **Year:** 2021
- **Pages:** 384
- **Illustrations:** 477
- **Price:** ₹ 3,800



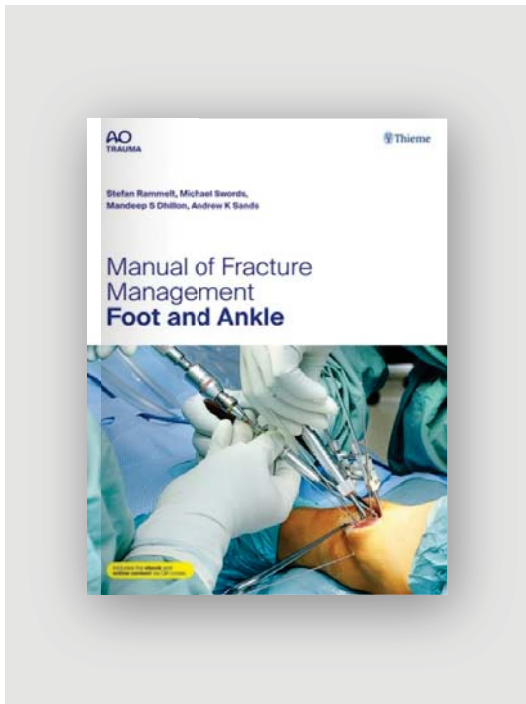
Overwhelming response to the first edition and compelling needs of the practicing orthopedic surgeon and the plastic, hand, and microvascular surgeon have seeded the way for the second edition of K-Wiring: Principles and Techniques. This efficient revision of the book includes various case scenarios with updated and extended indications and techniques.

Plenty of new, quality illustrations have been added, covering most of the common and uncommon scenarios. This book will equip every reader to treat the gamut of extremity fractures amenable to treatment with K-wires. It demonstrates the different ways of K-wiring by direct and indirect fixations.

Salient Features

- Video demonstrations of common orthopedic K-wire procedures have been added to help and guide the surgeon practically and visualize the key aspects of an operation.
- General principles with clear concepts and thorough understanding with tips to perform the procedure are given in each chapter.
- New topics and images have been added in chapters on hand, wrist, forearm, elbow, shoulder, and foot; major revisions being for the hand and wrist fractures, with clinical examples for almost every possible scenario.
- Pediatric fractures and their K-wire application have been included in most of the chapters.

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Manual of Fracture

Management - Foot and Ankle

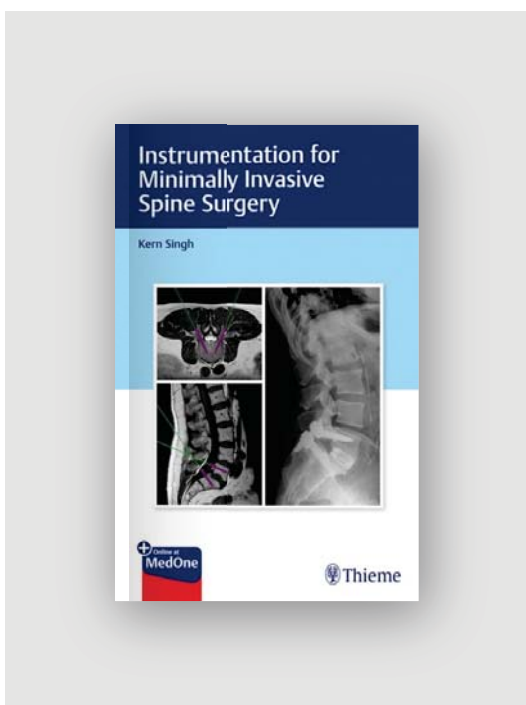
Rammelt, Swords, Dhillon, Sands

ISBN: 9788194558699 | **Binding:** Hardback | **Year:** 2020

Pages: 660 | **Illustrations:** 1650 | **Price:** ₹ 12,995

The approaches are presented in a systematic, casebased format, ranging from simple to more complex cases. It provides step-by-step coverage of a wide range of basic to advanced techniques and procedures for the management of fractures, dislocations and soft tissue injuries of the foot and ankle. While a single case can be approached in a variety of ways, this book seeks to provide important guidelines which apply to most situations that may arise in foot and ankle injuries. It will be of value to anyone providing care for foot and ankle injuries.

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Instrumentation for Minimally

Invasive Spine Surgery

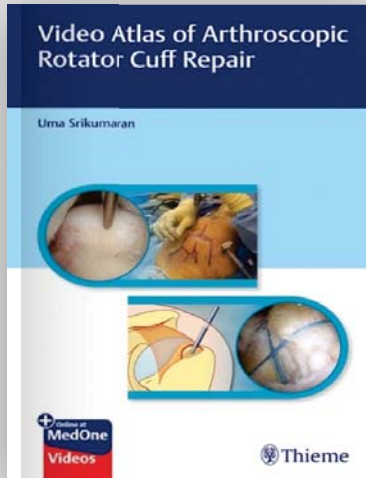
Singh

ISBN: 9781626232020 | **Binding:** Paperback | **Year:** 2020

Pages: 242 | **Illustrations:** 332 | **Price:** ₹ 8,400

In recent decades, technological innovations in minimally invasive surgery (MIS) have revolutionized spine surgery. The integration of devices tailored to MIS spine techniques has allowed spine surgeons to tackle more complex spinal pathologies and generate new ways to improve clinical outcomes. Instrumentation for Minimally Invasive Spine Surgery by renowned orthopaedic surgeon Kern Singh and esteemed collaborators, provides practical, evidence-based insights into important surgical decisions spine surgeons face every day. The primary goal of this book is to help spine surgeons navigate a daunting number of available devices and leverage the optimal ones to achieve improved patient outcomes.

[Learn More >>](#)



Video Atlas of Arthroscopic *Rotator Cuff Repair*

Srikumaran

ISBN: 9781626237124 | **Binding:** Hardback | **Pages:** 322
Illustrations: 50 | **Price:** ₹ 8,400

Rotator cuff disorders are the most common cause of shoulder pain, accounting for up to 70% of cases. Tears are the most severe subtype, with a lifetime prevalence rate of more than 20%. The size, location, and severity of rotator cuff tears varies greatly, requiring equally diverse preoperative planning and surgical interventions. Video Atlas of Arthroscopic Rotator Cuff Repair by Uma Srikumaran and esteemed contributors provides a concise, well-rounded perspective on the surgical management of rotator cuff pathologies.

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Minimally Invasive *Spine Surgery*

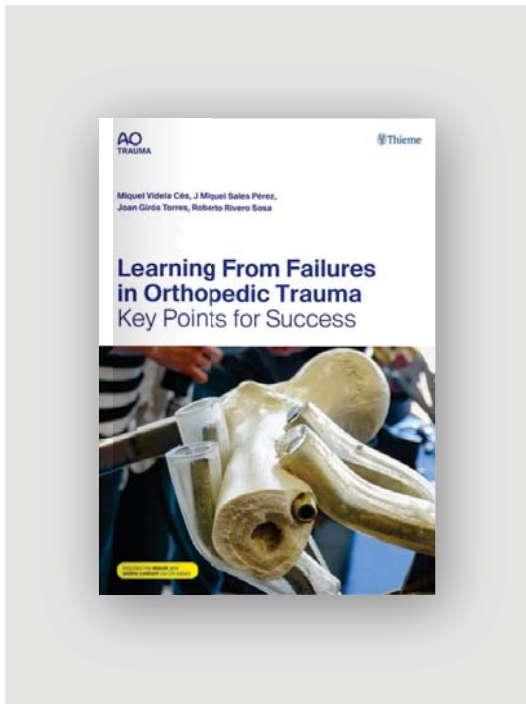
A Primer

Tumialán

ISBN: 9781626232181 | **Binding:** Hardback | **Year:** 2020
Pages: 494 | **Illustrations:** 530 | **Price:** ₹ 17,700

Minimally Invasive Spine Surgery: A Primer by Luis Manuel Tumialán is the ideal introduction to minimally invasive spine approaches, especially for neurosurgery and orthopedic residents, fellows, and spine surgeons who want to incorporate minimally invasive approaches into their practice. The Primer offers a treasure trove of 3D illustrations and animations that virtually brings the aspiring minimally invasive spine surgeon into the operating room alongside their professor. The text starts with a discussion of open spine surgery versus minimally invasive procedures and the optimal mindset required to convert from one to the other.

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Learning From Failures in *Orthopedic Trauma*

Key Points for Success

Videla Ces, Sales Perez, Giros Torres, Rivero Sosa

ISBN: 9789388257978 | Year: 2020 | Pages: 448

Illustrations: 1100 | Price: ₹ 8,995

The surgical profession places high demands on surgeons who must often make the right split-second decisions. This can easily lead to misjudgments or mistakes.

Learning From Failures in Orthopedic Trauma—Key Points for Success is the first book of its kind to give surgeons the opportunity to learn from failures without making them themselves.

Based on the Spanish book Errores en la Osteosíntesis by Rafael Orozco Delclós, this publication offers real case examples that have been collected over the past 25 years. It is an essential and valuable resource as it specifically examines the reasons and responses to surgical error in real cases from different anatomical regions of the body, thus helping surgeons avoid the most frequent errors in osteosynthesis.

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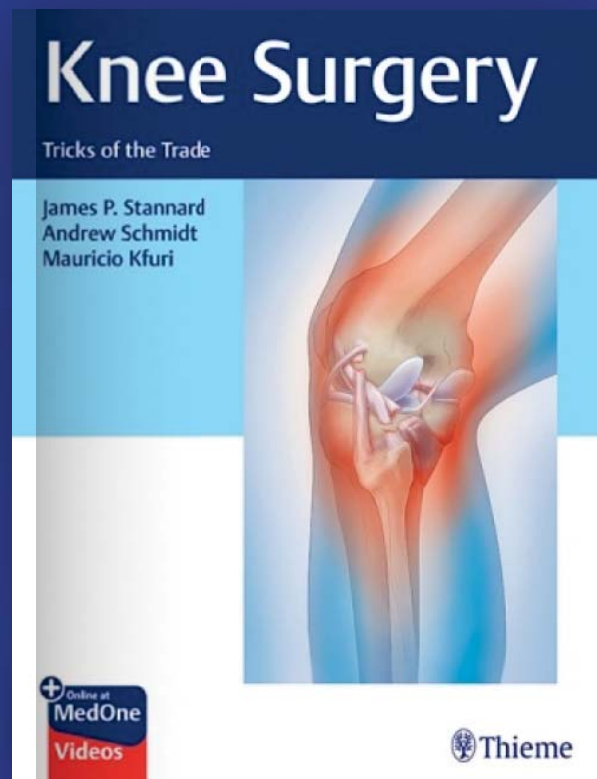


Knee Surgery

Tricks of the Trade

James P. Stannard
Andrew Schmidt
Mauricio Kfuri

- **ISBN:** 9781626235410
- **Binding:** Hardback
- **Year:** 2020
- **Pages:** 320
- **Illustrations:** 367
- **Price:** ₹ 17,200



Knee disorders are among the most common musculoskeletal conditions and, as such, constitute four of the top seven orthopaedic procedures. Currently, 720,000 knee replacements are performed annually in the US, with a projected 3.4 million surgeries by 2030. Knee Surgery: Tricks of the Trade edited by renowned knee surgeons and educators James P. Stannard, Andrew Schmidt, and Mauricio Kfuri features contributions from an impressive cadre of distinguished colleagues. The reader-friendly book fills a gap in the literature with easy-to-follow procedural guidance and pearls from a global who's who of top knee surgeons.

The book is organized in three sections covering trauma, sports medicine, and adult reconstruction. In addition to comprehensive step-by-step procedural techniques, each of the 54 chapters is consistently formatted with succinct sections covering goals, key principles, indications, contraindications, tips and pearls, potential complications, pitfalls, salvage techniques, and postoperative care. A full spectrum of open and arthroscopic knee surgery procedures are included, with discussion of primary and revision approaches. Topics include management of fractures, ligamentous injuries, meniscal pathologies, osteochondral repair, and all types of arthroplasties.

Salient Features

- Firsthand tips and tricks focus on helping surgeons improve and master techniques.
- High-quality drawings and full color operative photographs illustrate important anatomical aspects and salient points.
- Thirteen succinct videos feature hands-on steps for performing diverse knee procedures.

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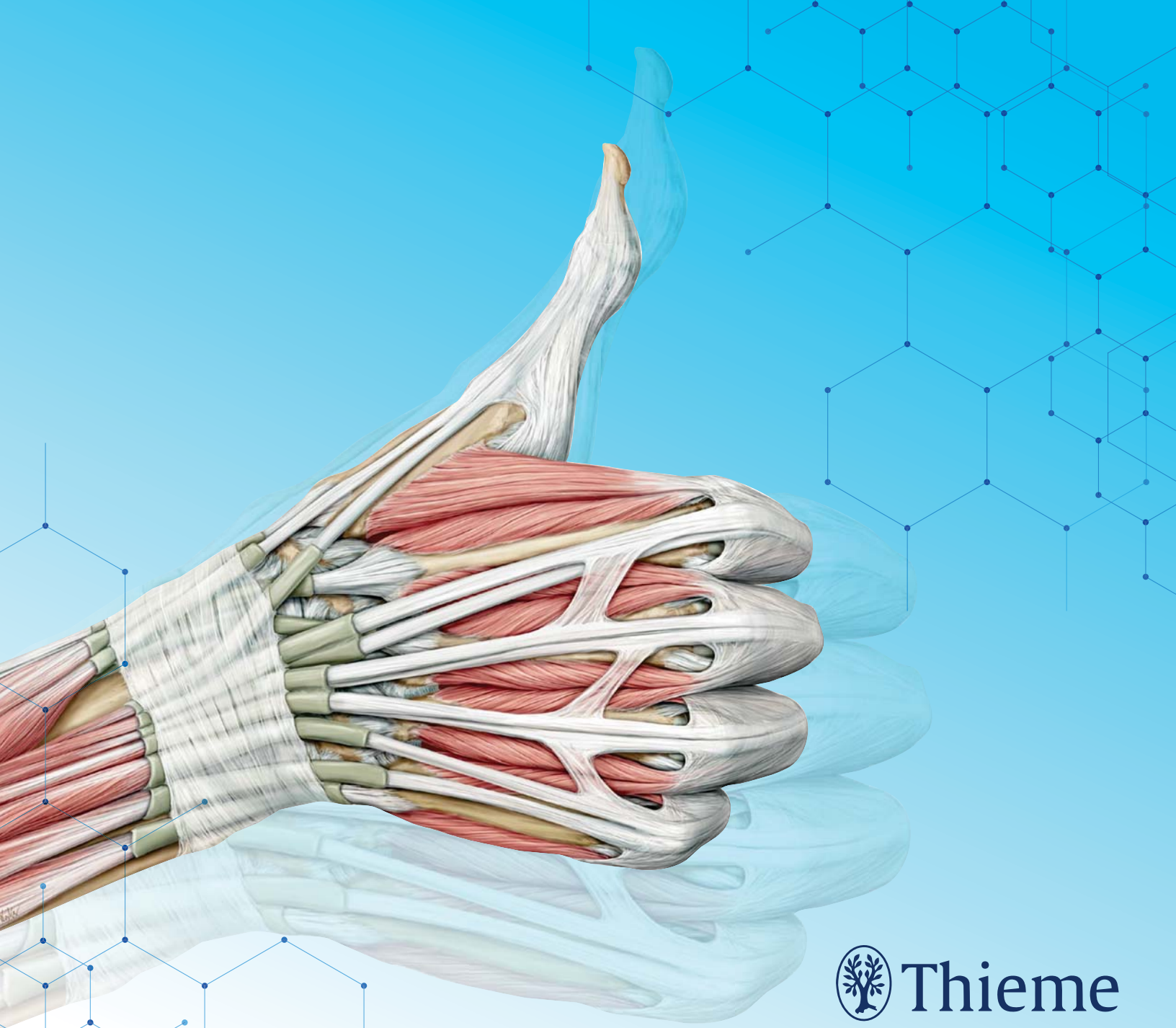


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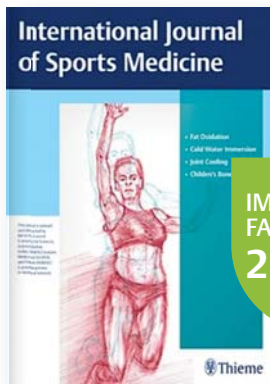
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Seikai Toyooka , Hironari Masuda , Nobuhiro Nishihara , Wataru Miyamoto , Takashi Kobayashi , Hirotaka Kawano , Takumi Nakagawa

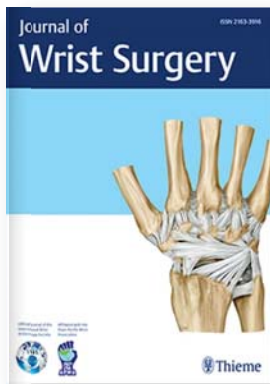
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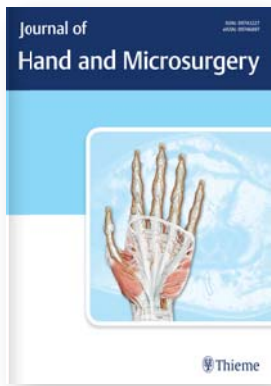
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– Orthopaedic Resident

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Autonomy and flexibility.

You can access JBJS Clinical Classroom on your own to answer questions. The adaptive learning algorithm directs you to educationally weak areas and you can access resources and references to see where you can improve, thus teaching lifelong learning habits.

Better prepare for OITEs and board certification exams.

You can use JBJS Clinical Classroom throughout your residency and continue to do so as you prepare for board certification. Questions are clinically based and provide assessment on a broad range of orthopaedic topics.

1. Area9 Learning. Adaptive learning: eliminating corporate e-learning fatigue. 2017.

2. Healy M, Petrusa E, Axelsson CG, Wongsirimeteeku P, Hamn-vik O, O'Rourke M, Feinstein R, Steeves R, Phitayakorn R. An exploratory study of a novel adaptive e-learning board review product helping candidates prepare for certification examinations. AMEE MedEdPublish. 2018

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