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[The Anterior Cruciate Ligament: Reconstruction and Basic Science 2nd Edition](#)

"The Anterior Cruciate Ligament: Reconstruction and Basic Science, 2nd Edition" by Michael J. Frey, published by Wolters Kluwer, offers an in-depth exploration of the anatomy, function, and surgical intervention strategies associated with the anterior cruciate ligament (ACL). With the ISBN 978-1975141235, this comprehensive text merges fundamental scientific principles with practical applications, making it an invaluable resource for orthopedic surgeons, sports medicine professionals, and researchers alike. The second edition has been meticulously updated to reflect the latest advancements in ACL reconstruction techniques and postoperative care, presenting clear illustrations and case studies to enhance understanding. Key topics include the biomechanics of the ACL, the latest imaging modalities for accurate diagnosis, and a detailed overview of various reconstruction methods, including graft options and surgical approaches. This edition also addresses emerging trends in the field, such as rehabilitation protocols and the integration of innovative technologies like biologics and tissue engineering. Emphasizing a multidisciplinary approach, the book equips readers with the knowledge to optimize patient outcomes and foster a deeper understanding of ACL-related injuries. Whether you are a seasoned practitioner seeking to refine your skills or a novice eager to learn about ACL surgery, "The Anterior Cruciate Ligament: Reconstruction and Basic Science, 2nd Edition" is an essential addition to your medical library. Each chapter is crafted to deliver practical insights and evidence-based practices, ensuring that you remain at the forefront of orthopedic care. Immerse yourself in this authoritative guide and empower your practice with the expertise required to navigate the complexities of ACL injuries and their management.