Jordan University of Science and Technology

ACL Injury, Surgery, and Rehabilitation: Science-Based and Evidence-Informed Approach. Western Schools,

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Abstract: OBJECTIVES: 1. Identify, compare, and contrast the major anatomical components of the anterior cruciate ligament (ACL), particularly with regard to its relationship to arthrokinematics of the knee. 2. Discuss the typical mechanism of injury, clinical course, and risk factors associated with ACL injury. 3. Utilize the components of a comprehensive clinical examination to formulate a specific diagnosis for patients with a suspected ACL injury. 4. Describe the diagnostic strategies, management plans, and classification of patients with ACL injury. 5. Formulate a rehabilitation program using clinical strategies and evidence-based interventions after ACL injury and reconstruction. 6. Explain the functional and clinical outcomes after ACL injury and reconstruction.