

Young athletes should consider the benefits of ACL surgery

July 10 2014

Young patients who wait for ACL surgery may be at increased risk for secondary knee injuries, according to research presented today at the American Orthopaedic Society for Sports Medicine's (AOSSM) Annual Meeting. The study adds to existing research noting the risk of secondary meniscal and chondral injuries in pediatric patients.

"In reviewing records of young patients who received ACL reconstructions, our data showed higher rates and severity of secondary meniscus injuries when surgery is delayed," noted lead author Allen F. Anderson, MD, from the Tennessee Orthopaedic Alliance in Nashville, Tennessee. "Patients who had surgery 6-12 weeks after ACL injury had 1.45 greater odds of lateral meniscus injury, and those waiting 3+ months increased their risk 2.82 times. The risk for medial meniscal tears was 4.3 times greater when delaying surgery at least 6 weeks."

Researchers analyzed the records of 130 patients between ages 8 and 16 who had an ACL reconstruction, and divided them into three groups based on timing. Sixty-two patients were treated less than 6 weeks after injury, 37 were treated 6-12 weeks after, and 36 were treated more than 3 months after. The surgeries occurred between 2000 and 2012, and the majority of patients (64%) were male.

Additional risk factors for secondary injuries included younger age, return to sport activities prior to surgery, and prior episodes of knee instability.

"While parents and other caregivers have obvious reasons for concern over ACL surgery in young patients, it's important to recognize when it may be beneficial," commented Anderson. "If [surgery](#) now helps eliminate long-term knee problems, it's certainly a good choice."

Provided by American Orthopaedic Society for Sports Medicine

Citation: Young athletes should consider the benefits of ACL surgery (2014, July 10) retrieved 2 May 2024 from <https://medicalxpress.com/news/2014-07-young-athletes-benefits-acl-surgery.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--