

Referenceliste til artikel i Dansk Sportsmedicin nr. 1/2014:

"Pediatric ACL injuries"

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- (1) Parkkari J, Pasanen K, Mattila VM, Kannus P, Rimpela A. The risk for a cruciate ligament injury of the knee in adolescents and young adults: a population-based cohort study of 46 500 people with a 9 year follow-up. *Br J Sports Med* 2008 June;42(6):422-426.
- (2) Shea KG, Grimm NL, Ewing CK, Aoki SK. Youth sports anterior cruciate ligament and knee injury epidemiology: who is getting injured? In what sports? When? *Clin Sports Med* 2011 October;30(4):691-706.
- (3) Annual report from the Norwegian Knee Ligament Registry. <http://nrlweb.ihelse.net/Rapporter/Rapport2012.pdf>. 2012 Oct.
- (4) LaFrance RM, Giordano B, Goldblatt J, Voloshin I, Maloney M. Pediatric tibial eminence fractures: evaluation and management. *J Am Acad Orthop Surg* 2010 July;18(7):395-405.
- (5) Roth PB. Fracture of the spine of the tibia. *J Bone Joint Surg Am* 1928 July 1;10(3):509-518.
- (6) Lubowitz JH, Elson WS, Guttman D. Part II: arthroscopic treatment of tibial plateau fractures: intercondylar eminence avulsion fractures. *Arthroscopy* 2005 January;21(1):86-92.
- (7) Stanitski CL. Anterior cruciate ligament injuries in the young athlete with open physes. *Am J Sports Med* 1988 July;16(4):424.
- (8) Noyes FR, Matthews DS, Mooar PA, Grood ES. The symptomatic anterior cruciate-deficient knee. Part II: the results of rehabilitation, activity modification, and counseling on functional disability. *J Bone Joint Surg Am* 1983 February;65(2):163-174.
- (9) Noyes FR, Mooar PA, Matthews DS, Butler DL. The symptomatic anterior cruciate-deficient knee. Part I: the long-term functional disability in athletically active individuals. *J Bone Joint Surg Am* 1983 February;65(2):154-162.
- (10) Bollen S, Pease F, Ehrenraich A, Church S, Skinner J, Williams A. Changes in the four-strand hamstring graft in anterior cruciate ligament reconstruction in the skeletally-immature knee. *J Bone Joint Surg Br* 2008 April;90(4):455-459.
- (11) Kocher MS, Saxon HS, Hovis WD, Hawkins RJ. Management and complications of anterior cruciate ligament injuries in skeletally immature patients: survey of the Herodicus Society and The ACL Study Group. *J Pediatr Orthop* 2002 July;22(4):452-457.

- (12) Radelet MA, Lephart SM, Rubinstein EN, Myers JB. Survey of the injury rate for children in community sports. *Pediatrics* 2002 September;110(3):e28.
- (13) Maffulli N, Longo UG, Gougoulas N, Loppini M, Denaro V. Long-term health outcomes of youth sports injuries. *Br J Sports Med* 2010 January;44(1):21-25.
- (14) Stanitski CL. Anterior Cruciate Ligament Injury in the Skeletally Immature Patient: Diagnosis and Treatment. *J Am Acad Orthop Surg* 1995 May;3(3):146-158.
- (15) Chotel F, Henry J, Seil R, Chouteau J, Moyon B, Berard J. Growth disturbances without growth arrest after ACL reconstruction in children. *Knee Surg Sports Traumatol Arthrosc* 2010 November;18(11):1496-1500.
- (16) Kocher MS, Garg S, Micheli LJ. Physal sparing reconstruction of the anterior cruciate ligament in skeletally immature prepubescent children and adolescents. *J Bone Joint Surg Am* 2005 November;87(11):2371-2379.
- (17) Lawrence JT, Bowers AL, Belding J, Cody SR, Ganley TJ. All-epiphyseal anterior cruciate ligament reconstruction in skeletally immature patients. *Clin Orthop Relat Res* 2010 July;468(7):1971-1977.
- (18) Bales CP, Guettler JH, Moorman CT, III. Anterior cruciate ligament injuries in children with open physes: evolving strategies of treatment. *Am J Sports Med* 2004 December;32(8):1978-1985.
- (19) Schneider FJ, Kraus T, Linhart WE. [Anterior cruciate ligament reconstruction with semitendinosus tendon in children]. *Oper Orthop Traumatol* 2008 October;20(4-5):409-422.
- (20) Wilmes P, Lorbach O, Chotel F, Seil R. Ersatzplastik des vorderen Kreuzbandes bei offenen Wachstumsfugen. *Arthroskopie* 2009;22(1):35-44.
- (21) Moksnes H, Engebretsen L, Risberg MA. Management of anterior cruciate ligament injuries in skeletally immature individuals. *J Orthop Sports Phys Ther* 2012;42(3):172-183.
- (22) Redler LH, Brafman RT, Trentacosta N, Ahmad CS. Anterior cruciate ligament reconstruction in skeletally immature patients with transphyseal tunnels. *Arthroscopy* 2012 November;28(11):1710-1717.
- (23) Courvoisier A, Grimaldi M, Plaweski S. Good surgical outcome of transphyseal ACL reconstruction in skeletally immature patients using four-strand hamstring graft. *Knee Surg Sports Traumatol Arthrosc* 2011 April;19(4):588-591.
- (24) Hui C, Roe J, Ferguson D, Waller A, Salmon L, Pinczewski L. Outcome of anatomic transphyseal anterior cruciate ligament reconstruction in Tanner stage 1 and 2 patients with open physes. *Am J Sports Med* 2012 May;40(5):1093-1098.
- (25) Kocher MS, Smith JT, Zoric BJ, Lee B, Micheli LJ. Transphyseal anterior cruciate ligament reconstruction in skeletally immature pubescent adolescents. *J Bone Joint Surg Am* 2007 December;89(12):2632-2639.

- (26) Seon JK, Song EK, Yoon TR, Park SJ. Transphyseal reconstruction of the anterior cruciate ligament using hamstring autograft in skeletally immature adolescents. *J Korean Med Sci* 2005 December;20(6):1034-1038.
- (27) Mohtadi N, Grant J. Managing anterior cruciate ligament deficiency in the skeletally immature individual: a systematic review of the literature. *Clin J Sport Med* 2006 November;16(6):457-464.
- (28) Kaeding CC, Flanigan D, Donaldson C. Surgical techniques and outcomes after anterior cruciate ligament reconstruction in preadolescent patients. *Arthroscopy* 2010 November;26(11):1530-1538.
- (29) Frosch KH, Stengel D, Brodhun T et al. Outcomes and risks of operative treatment of rupture of the anterior cruciate ligament in children and adolescents. *Arthroscopy* 2010 November;26(11):1539-1550.
- (30) Kim HK, Laor T, Shire NJ, Bean JA, Dardzinski BJ. Anterior and posterior cruciate ligaments at different patient ages: MR imaging findings. *Radiology* 2008 June;247(3):826-835.
- (31) Park SY, Oh H, Park S, Lee JH, Lee SH, Yoon KH. Factors predicting hamstring tendon autograft diameters and resulting failure rates after anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc* 2012 June 12.
- (32) Guzzanti V, Falciglia F, Stanitski CL. Physeal-sparing intraarticular anterior cruciate ligament reconstruction in preadolescents. *Am J Sports Med* 2003 November;31(6):949-953.
- (33) Kocher MS, Garg S, Micheli LJ. Physeal sparing reconstruction of the anterior cruciate ligament in skeletally immature prepubescent children and adolescents. Surgical technique. *J Bone Joint Surg Am* 2006 September;88 Suppl 1 Pt 2:283-293.
- (34) Xerogeanes JW, Hammond KE, Todd DC. Anatomic landmarks utilized for physeal-sparing, anatomic anterior cruciate ligament reconstruction: an MRI-based study. *J Bone Joint Surg Am* 2012 February 1;94(3):268-276.
- (35) Bonnard C, Fournier J, Babusiaux D, Planchenault M, Bergerault F, de Court. Physeal-sparing reconstruction of anterior cruciate ligament tears in children: RESULTS OF 57 CASES USING PATELLAR TENDON. *J Bone Joint Surg Br* 2011 April;93(4):542-547.
- (36) Anderson AF. Transepiphyseal replacement of the anterior cruciate ligament using quadruple hamstring grafts in skeletally immature patients. *J Bone Joint Surg Am* 2004 September;86-A Suppl 1(Pt 2):201-209.
- (37) Gebhard F, Ellermann A, Hoffmann F, Jaeger JH, Friederich NF. Multicenter-study of operative treatment of intraligamentous tears of the anterior cruciate ligament in children and adolescents: comparison of four different techniques. *Knee Surg Sports Traumatol Arthrosc* 2006 September;14(9):797-803.
- (38) Janarv PM, Nystrom A, Werner S, Hirsch G. Anterior cruciate ligament injuries in skeletally immature patients. *J Pediatr Orthop* 1996 September;16(5):673-677.

- (39) Lipscomb AB, Anderson AF. Tears of the anterior cruciate ligament in adolescents. *J Bone Joint Surg Am* 1986 January;68(1):19-28.
- (40) Micheli LJ, Rask B, Gerberg L. Anterior cruciate ligament reconstruction in patients who are prepubescent. *Clin Orthop Relat Res* 1999 July;(364):40-47.
- (41) Steadman JR, Cameron-Donaldson ML, Briggs KK, Rodkey WG. A minimally invasive technique ("healing response") to treat proximal ACL injuries in skeletally immature athletes. *J Knee Surg* 2006 January;19(1):8-13.
- (42) Risberg MA, Lewek M, Snyder-Mackler L. A systematic review of evidence for anterior cruciate ligament rehabilitation: how much and what type? *Physical Therapy in Sport* 2004 August;5(3):125-145.
- (43) Thomee R, Kaplan Y, Kvist J et al. Muscle strength and hop performance criteria prior to return to sports after ACL reconstruction. *Knee Surg Sports Traumatol Arthrosc* 2011 November;19(11):1798-1805.
- (44) Eitzen I, Moksnes H, Snyder-Mackler L, Risberg MA. A progressive 5-week exercise therapy program leads to significant improvement in knee function early after anterior cruciate ligament injury. *J Orthop Sports Phys Ther* 2010 November;40(11):705-721.
- (45) Chmielewski TL, Hurd WJ, Rudolph KS, Axe MJ, Snyder-Mackler L. Perturbation training improves knee kinematics and reduces muscle co-contraction after complete unilateral anterior cruciate ligament rupture. *Phys Ther* 2005 August;85(8):740-749.
- (46) Fitzgerald GK, Axe MJ, Snyder-Mackler L. The efficacy of perturbation training in nonoperative anterior cruciate ligament rehabilitation programs for physical active individuals. *Phys Ther* 2000 February;80(2):128-140.
- (47) Rudolph KS, Axe MJ, Buchanan TS, Scholz JP, Snyder-Mackler L. Dynamic stability in the anterior cruciate ligament deficient knee. *Knee Surg Sports Traumatol Arthrosc* 2001;9(2):62-71.
- (48) Williams GN, Chmielewski T, Rudolph K, Buchanan TS, Snyder-Mackler L. Dynamic knee stability: current theory and implications for clinicians and scientists. *J Orthop Sports Phys Ther* 2001 October;31(10):546-566.
- (49) Bryant AL, Creaby MW, Newton RU, Steele JR. Dynamic restraint capacity of the hamstring muscles has important functional implications after anterior cruciate ligament injury and anterior cruciate ligament reconstruction. *Arch Phys Med Rehabil* 2008 December;89(12):2324-2331.
- (50) Frobell RB, Roos EM, Roos HP, Ranstam J, Lohmander LS. A randomized trial of treatment for acute anterior cruciate ligament tears. *N Engl J Med* 2010 July 22;363(4):331-342.
- (51) Kvist J. Rehabilitation following anterior cruciate ligament injury: current recommendations for sports participation. *Sports Med* 2004;34(4):269-280.

- (52) Streich NA, Barie A, Gotterbarm T, Keil M, Schmitt H. Transphyseal reconstruction of the anterior cruciate ligament in prepubescent athletes. *Knee Surg Sports Traumatol Arthrosc* 2010 November;18(11):1481-1486.
- (53) Liddle AD, Imbuldeniya AM, Hunt DM. Transphyseal reconstruction of the anterior cruciate ligament in prepubescent children. *J Bone Joint Surg Br* 2008 October;90(10):1317-1322.
- (54) Graf BK, Lange RH, Fujisaki CK, Landry GL, Saluja RK. Anterior cruciate ligament tears in skeletally immature patients: meniscal pathology at presentation and after attempted conservative treatment. *Arthroscopy* 1992;8(2):229-233.
- (55) Mizuta H, Kubota K, Shiraishi M, Otsuka Y, Nagamoto N, Takagi K. The conservative treatment of complete tears of the anterior cruciate ligament in skeletally immature patients. *J Bone Joint Surg Br* 1995 November;77(6):890-894.
- (56) Woods GW, O'Connor DP. Delayed anterior cruciate ligament reconstruction in adolescents with open physes. *Am J Sports Med* 2004 January;32(1):201-210.
- (57) Collins NJ, Misra D, Felson DT, Crossley KM, Roos EM. Measures of knee function: International Knee Documentation Committee (IKDC) Subjective Knee Evaluation Form, Knee Injury and Osteoarthritis Outcome Score (KOOS), Knee Injury and Osteoarthritis Outcome Score Physical Function Short Form (KOOS-PS), Knee Outcome Survey Activities of Daily Living Scale (KOS-ADL), Lysholm Knee Scoring Scale, Oxford Knee Score (OKS), Western Ontario and McMaster Universities Osteoarthritis Index (WOMAC), Activity Rating Scale (ARS), and Tegner Activity Score (TAS). *Arthritis Care Res (Hoboken)* 2011 November;63 Suppl 11:S208-S228.
- (58) Logerstedt DS, Snyder-Mackler L, Ritter RC et al. Knee pain and mobility impairments: meniscal and articular cartilage lesions. *J Orthop Sports Phys Ther* 2010 June;40(6):A1-A35.
- (59) Bent NP, Wright CC, Rushton AB, Batt ME. Selecting outcome measures in sports medicine: a guide for practitioners using the example of anterior cruciate ligament rehabilitation. *Br J Sports Med* 2009 December;43(13):1006-1012.
- (60) Bagiella E. Clinical trials in rehabilitation: single or multiple outcomes? *Arch Phys Med Rehabil* 2009 November;90(11 Suppl):S17-S21.
- (61) Ortqvist M, Roos EM, Brostrom EW, Janarv PM, Iversen MD. Development of the Knee Injury and Osteoarthritis Outcome Score for Children (KOOS-Child). *Acta Orthop* 2012 December;83(6):666-673.
- (62) Kocher MS, Smith JT, Iversen MD et al. Reliability, Validity, and Responsiveness of a Modified International Knee Documentation Committee Subjective Knee Form (Pedi-IKDC) in Children With Knee Disorders. *Am J Sports Med* 2011 May;39(5):933-939.
- (63) Johnsen MB, Eitzen I, Moksnes H, Risberg MA. Inter- and intrarater reliability of four single-legged hop tests and isokinetic muscle torque measurements in children. *Knee Surg Sports Traumatol Arthrosc* 2013 November 15.

- (64) Moksnes H, Engebretsen L, Risberg MA. Performance-based functional outcome for children 12 years or younger following anterior cruciate ligament injury: a two to nine-year follow-up study. *Knee Surg Sports Traumatol Arthrosc* 2008 March;16(3):214-223.
- (65) Moksnes H, Engebretsen L, Risberg MA. The Current Evidence for Treatment of ACL Injuries in Children Is Low: A Systematic Review. *J Bone Joint Surg Am* 2012 June 20;94(12):1112-1119.
- (66) Moksnes H, Engebretsen L, Eitzen I, Risberg MA. Functional outcomes following a non-operative treatment algorithm for anterior cruciate ligament injuries in skeletally immature children 12 years and younger. A prospective cohort with 2 years follow-up. *Br J Sports Med* 2013 May;47(8):488-494.
- (67) Moksnes H, Engebretsen L, Risberg MA. Prevalence and Incidence of New Meniscus and Cartilage Injuries After a Nonoperative Treatment Algorithm for ACL Tears in Skeletally Immature Children: A Prospective MRI Study. *Am J Sports Med* 2013 August;41(8):1771-1779.