DAFTAR PUSTAKA

1. Buller LT, Best MJ, Baraga MG,et al. Trends in anterior cruciate ligament reconstruction in the united states. Journal of Sports Medicine, 2015; 3(1) : 1-8
2. Tibor L, Chan PH, Funahashi TT, Wyatt R, Maletis GB, Inacio MC. Surgical Technique Trends in Primary ACL Reconstruction from 2007 to 2014.J Bone Joint Surg Am. 2016 Jul 6;98(13):1079-89.
3. Brand J Jr, Weiler A, Caborn DN, Brown CH Jr, Johnson DL. Graft fixation in cruciate ligament reconstruction.Am J Sports Med. 2000 Sep-Oct; 28(5): 761-74
4. de Padua VBC, Vilela JCR, Espindola WA, Godoy RCG. Bone tunnel enlargement with non-metallic interference screws in acl reconstruction. *Acta Ortop Bras.* 2018; 26 (5) : 305-8
5. Chen N, Brown CH. Biomechanics of Intratunnel Anterior Cruciate Ligament Graft Fixation. *Prodromos*, 978-1-4160-3834-4
6. Suchenski M, McCarthy MB, Chowaniec D, Hansen D,McKinnon W, Apostolakos J, Arciero R, Mazzocca A. Material Properties and Composition of Soft-Tissue Fixation, Arthroscopy: The Journal of Arthroscopic and Related Surgery, Vol 26, No 6 (June),2010: pp 821-831
7. Zeng C, Lei G, Gao S, LuoW. Methods and devices for graft fixation in anterior cruciate ligament reconstruction (Protocol). *Cochrane Database of Systematic Reviews* 2013, Issue 9. Art. No.: CD010730
8. Ramsingh V, Prasad N, Lewis M. Pre-tibial reaction to biointerference screw in anterior cruciate ligament reconstruction.Knee. 2014 Jan;21(1): 91-4

9. Kurtz SM, Lanman TH, Higgs G, MacDonald DW, Berven SH,Isaza JE, Phillips E, Steinbeck MJ. Retrieval analysis of PEEK rods for posterior fusion and motion preservation. Eur Spine J. 2013 Dec;22(12):2752-9
10. Barber FA, Elrod BF, McGuire DA, Paulos LE. Preliminary results of an absorbable interference screw. *Arthroscopy.* 1995; 11(5):537-48.
11. Emond CE, Woelber EB, Kurd SK, Ciccotti MG, Cohen SB. A comparison of the results of anterior cruciate ligament reconstruction using bioabsorbable versus metal interference screws: a meta-analysis. *J Bone Joint Surg Am.* 2011; 93(6):572-80
12. Giuliani JR, Kilcoyne KG, Rue JPH. Anterior cruciate ligament anatomy: a review of the anteromedial and posterolateral bundles. J Knee Surg.2009;22:148–154
13. Sanders JO, Brown GA, Murray J, Pezold R, Sevarino KS. Treatment of Anterior Cruciate Ligament Injuries. *J Am Acad Orthop Surg* 2016;24: e81-e83
14. Georgoulis AD, Pappa L, Moebius U, et al. The presence of proprioceptive mechanoreceptors in the remnants of the ruptured ACL as a possible source of re-innervation of the ACL autograft. Knee Surg Sports Traumatol Arthrosc. 2001;9:364–368
15. Gabriel MT, Wong EK, Woo SLY, et al. Distribution of in situ forces in the anterior cruciate ligament in response to rotatory loads. J Orthop Res. 2004;22:85–89
16. Sakane M, Fox RJ, Woo SL-Y, et al. In situ forces in the anterior cruciate ligament and its bundles in response to anterior tibial loads. J OrthopRes. 1997;15:285–293.
17. Prodromos CC, Fu FH, Howell SM, et al. Controversies in soft-tissue anterior cruciate ligament reconstruction: grafts, bundles, tunnels, fixation,and harvest. J Am Acad Orthop Surg. 2008;16:376–384

18. Siegel L, BA,Carol Vandenakker-Albanese, MD, and David Siegel, MD, MPH. Anterior Cruciate Ligament Injuries: Anatomy, Physiology, Biomechanics, and Management Clin J Sport Med _ Volume 22, Number 4, July 2012
19. Frank JS, Gambacorta PL. Anterior Cruciate Ligament Injuries in the Skeletally Immature Athlete: Diagnosis and Management. J Am Acad Orthop Surg 2013;21: 78-87.
20. Buoncristiani AM, Tjoumakaris FP, Starman JS, et al. Anatomic doublebundle anterior cruciate ligament reconstruction. Arthroscopy. 2006;22: 1000–1006.
21. Freedman KB, D'Amato MJ, Nedeff DD, et al. Arthroscopic anterio cruciate ligament reconstruction: a metaanalysis comparing patellar tendon and hamstring autografts. Am J Sports Med. 2003; 31:2–11.
22. Frobell RB, Roos EM, Roos HP, et al. A randomized trial of treatment for acute anterior cruciate ligament tears. N Engl J Med. 2010;363:331–342.
23. Levy BA. Is early reconstruction necessary for all anterior cruciate ligament tears? N Engl J Med. 2010;363;386–388
24. Hootman JM, Dick R, Agel J. Epidemiology of collegiate injuries for 15 sports: summary and recommendations of injury prevention initiatives. J Athl Train. 2007;42:311–319.
25. Pujol N, Bianchi MP, Chambat P. The incidence of anterior cruciate ligament injuries among competitive alpine skiers: a 25-year investigation. Am J Sports Med. 2007;35:1070–1074.
26. Anderson AF, Dome DC, Gautam S, et al. Correlation of anthropometric measurements, strength, anterior cruciate ligament size, and intercondylar notch characteristics to sex differences in anterior cruciate ligament tear rates. Am J Sports Med. 2001;29:58–66.

27. Gwinn DE, Wilckens JH, McDevitt ER, et al. The relative incidence of anterior cruciate ligament injury in men and women at the United States Naval Academy. Am J Sports Med. 2000;28:98–102.
28. Arendt E, Dick R. Knee injury patterns among men and women in collegiate basketball and soccer. NCAA data and review of literature. Am J Sports Med. 1995;23:694–701
29. Agel J, Arendt EA, Bershadsky B. Anterior cruciate ligament injury in national collegiate athletic association basketball and soccer: a 13-year review. Am J Sports Med. 2005;33:524–530
30. Besier TF, Lloyd DG, Cochrane JL, et al. External loading of the knee joint during running and cutting maneuvers. Med Sci Sports Exerc. 2001; 33:1168–1175
31. Zebis MK, Bencke J, Andersen LL, et al. The effects of neuromuscular training on knee joint motor control during sidecutting in female elite soccer and handball players. Clin J Sport Med. 2008;18:329–337.
32. Souryal TO, Moore HA, Evans JP. Bilaterality in anterior cruciate ligament injuries: associated intercondylar notch stenosis. Am J Sports Med.1988;16:449–454
33. Krosshaug T, Nakamae A, Boden BP, et al. Mechanisms of anterior cruciate ligament injury in basketball video analysis of 39 cases. Am JSports Med. 2007;35:359–367.
34. Boden BP, Torg JS, Knowles DB, et al. Video analysis of anterior cruciate ligament injury: abnormalities in hip and ankle kinematics. AmJ Sports Med. 2009;37:252–259
35. Benjaminse A, Gokeler A, vand der Schans CP. Clinical diagnosis of an anterior cruciate ligament rupture: a meta-analysis. J Orthop Sports Phys Ther. 2006;36:267–288.

36. Solomon DH, Simel DK, Bates DW, et al. The rational clinical examination.Does this patient have a torn meniscus or ligament of the knee?Value of the physical examination. JAMA. 2001;286:1610–1620.
37. Sherman MF, Warren RF, Marshall JL, et al. A clinical and radiographical analysis of 127 anterior cruciate insufficient knees. Clin Orthop. 1988;227:229–237
38. Steckel H, Vadala G, Davis D, et al. 2D and 3D 3-Tesla magnetic resonance imaging of the double bundle structure in anterior cruciate ligament anatomy. Knee Surg Sports Traumatol Arthrosc. 2006;14: 1151–1158.
39. Fithian DC, Paxton EW, Stone ML, et al. Prospective trial of a treatment algorithm for the management of the anterior cruciate ligament-injured knee. Am J Sports Med. 2005;33:335–346
40. Wittenberg RH, Oxfort HU, Plafki C. A comparison of conservative and delayed surgical treatment of anterior cruciate ligament ruptures: a matched pair analysis. Int Orthop. 1998;22:145–148
41. Gabriel MT, Wong EK, Woo SLY, et al. Distribution of in situ forces in the anterior cruciate ligament in response to rotatory loads. J Orthop Res. 2004;22:85–89
42. Ekdahl M, Wang JHC, Ronga M, Fu FH. Graft healing in anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc* (2008) 16:935–947
43. Kawamura S, Ying L, Kim HJ et al (2005) Macrophages accumulate in the early phase of tendon-bone healing. J Orthop Res 23(6):1425–1432
44. Arnoczky SP, Tarvin GB, Marshall JL (1982) Anterior cruciate ligament replacement using patellar tendon. An evaluation of graft revascularization in the dog. J Bone Joint Surg Am 64(2): 217–224

45. Rougraff BT, Shelbourne KD (1999) Early histologic appearance of human patellar tendon autografts used for anterior cruciate ligament reconstruction. Knee Surg Sports Traumatol Arthrosc 7(1):9–14
46. Rodeo SA, Arnoczky SP, Torzilli PA et al (1993) Tendonhealing in a bone tunnel. A biomechanical and histological study in the dog. J Bone Joint Surg Am 75(12):1795–180
47. Jackson DW, Corsetti J, Simon TM (1996) Biologic incorporation of allograft anterior cruciate ligament replacements. Clin Orthop Relat Res (324):126–133
48. Tohyama H, Yasuda K, Uchida H (2006) Is the increase in type III collagen of the patellar tendon graft after ligament reconstruction really caused by ‘‘ligamentization’’ of the graft? Knee Surg Sports Traumatol Arthrosc 14(12):1270–1277
49. Butler DL, Grood ES, Noyes FR et al (1989) Mechanical properties of primate vascularized vs. nonvascularized patellar tendon grafts; changes over time. J Orthop Res 7(1):68–79
50. Tomita F, Yasuda K, Mikami S et al (2001) Comparisons of intraosseous graft healing between the doubled flexor tendon graft and the bone-patellar tendon-bone graft in anterior cruciate ligament reconstruction. Arthroscopy 17(5):461–476
51. Papageorgiou CD, Ma CB, Abramowitch SD et al (2001) A multidisciplinary study of the healing of an intraarticular anterior cruciate ligament graft in a goat model. Am J Sports Med 29(5):620–626
52. Yoshiya S, Nagano M, Kurosaka M et al (2000) Graft healing in the bone tunnel in anterior cruciate ligament reconstruction. Clin Orthop Relat Res (376):278–286
53. Chang SK, Egami DK, Shaieb MD et al (2003) Anterior cruciate ligament reconstruction: allograft versus autograft. Arthroscopy 19(5):453–462

54. Nikolaou PK, Seaber AV, Glisson RR et al (1986) Anterior cruciate ligament allograft transplantation. Long-term function, histology, revascularization, and operative technique. Am J Sports Med 14(5):348–360
55. Howell SM (2006) Symposia. Sport Medicine/Arthroscopy. Controversies in Soft Tissue ACL Reconstruction: Graft, Tunnel, Fixation, Harvest. Paper presented at: Annual Meeting American Academy of Orthopaedic Surgeons; March 2006, Chicago
56. Segawa H, Koga Y, Omori G et al (2003) Influence of the femoral tunnel location and angle on the contact pressure in the femoral tunnel in anterior cruciate ligament reconstruction. AmJ Sports Med 31(3):444–448
57. Loh JC, Fukuda Y, Tsuda E et al (2003) Knee stability and graft function following anterior cruciate ligament reconstruction: comparison between 11 o'clock and 10 o'clock femoral tunnel placement. 2002 Richard O'Connor Award paper. Arthroscopy 19(3):297–304
58. Freddie H. F, Craig HB, Christian L, Benjamin MA. Current Trends in Anterior Cruciate Ligament Reconstruction Part 1: Biology and Biomechanics of Reconstruction**.** Department of Orthopaedics, University of Pittsburgh, Pittsburgh, Pennsylvania. The American Journal Of Sports Medicine, Vol. 27, No. 6 . 1999 American Orthopaedic Society For Sports Medicine
59. Shelbourne KD, Gray T (1997) Anterior cruciate ligament reconstruction with autogenous patellar tendon graft followed by accelerated rehabilitation. A 2- to 9-year followup. Am J Sports Med 25(6):786–796
60. Butler DL, Grood ES, Noyes FR et al (1989) Mechanical properties of primate vascularized vs. nonvascularized patellar tendon grafts; changes over time. J Orthop Res 7(1):68–79

61. Zantop T, Weimann A, Wolle K et al (2007) Initial and 6 weeks postoperative structural properties of soft tissue anterior cruciate ligament reconstructions with cross-pin or interference screw fixation: an in vivo study in sheep. Arthroscopy 23(1):14–20
62. Weiler A, Hoffmann RF, Bail HJ et al (2002) Tendon healing in a bone tunnel. Part II: Histologic analysis after biodegradable interference fit fixation in a model of anterior cruciate ligament reconstruction in sheep. Arthroscopy 18(2):124–135
63. Hunt P, Rehm O, Weiler A (2006) Soft tissue graft interference fit fixation: observations on graft insertion site healing and tunnel remodeling 2 years after ACL reconstruction in sheep. Knee Surg Sports Traumatol Arthrosc
64. Wilson TC, Kantaras A, Atay A et al (2004) Tunnel enlargement after anterior cruciate ligament surgery. Am J Sports Med 32(2):543–549
65. Beynnon BD, Johnson RJ, Fleming BC (2002) The science of anterior cruciate ligament rehabilitation. Clin Orthop Relat Res (402):9–20
66. Miller MD, Operative Techniques in Sports Medicine. 2011 Lippincott Williams &. Wilkins,Philadelphia,
67. Shelbourne KD, Klotz C. What I have learned about the ACL: utilizing a progressive rehabilitation scheme to achieve total knee symmetry after anterior cruciate ligament reconstruction. J Orthop Sci. 2006;11:318–325
68. Mayr R, Smekal V, Koidl C, Coppola C, Fritz J, Rudisch A, Kranewitter C, Attal R. Tunnel Widening after ACL Reconstruction with Aperture Screw Fixation or All-inside Reconstruction with Suspensory Cortical Button Fixation Volumetric Measurementon CT and MRI Scans. *(2017) Knee, 24 (5) , pp. 1047-1054*

69. Ahemad A, Anerao AB. Comparison of tunnel widening between interference screw and suture disc fixation after ACL reconstruction using CT scan. *Int J Res Orthop*. 2018 Mar;4(2):266-270
70. de Beus JM, Anna JE, Hirschmann MT. How to Evaluate Bone Tunnel Widening after ACL Reconstruction – a Critical Review. *Muscles, Ligaments and Tendons Journal* 2017; 7 (2):230 – 239