

## DAFTAR PUSTAKA

- Abulhasan, J. F., & Grey, M. J. (2017). Anatomy and physiology of knee stability. *Journal of Functional Morphology and Kinesiology*, 2(4), 34-44. <https://doi.org/10.3390/jfmk2040034>
- Adhikari, V., Joshi, A., Singh, N., & Pradhan, I. (2021). Predictive Accuracy of Blumensaat Line Angle and Its Apex along with Anterior Cruciate Ligament Inclination Angle for Diagnosis of Anterior Cruciate Ligament Tear with Abundant Remnant. *Journal of Nepal Health Research Council*, 18(4), 604-609. <https://doi.org/10.33314/jnhrc.v18i4.2939>
- Ardiyanti, R., Afriwardi, A., & Syah, N. A. (2016). Hubungan indeks massa tubuh dengan cedera ligamen krusiat anterior pada atlet cabang olahraga kontak. *Andalas Journal of Health*, 3(5), 630-634. <http://dx.doi.org/10.25077/jka.v5i3.589>
- Babalola, O. R., Egberongbe, W., & Oluwadiya, K. S. (2022). Patterns of presentation and early treatment outcomes of anterior cruciate ligament injury at the National Orthopaedic Hospital, Lagos, Nigeria: a retrospective cross-sectional study. *Pan African Medical Journal*, 41(315). <https://doi.org/10.11604/pamj.2022.41.315.29153>
- Barber-Westin, S. D., & Noyes, F. R. (2017). Risk factors for anterior cruciate ligament injuries in the female athlete. In *Noyes' Knee Disorders: Surgery, Rehabilitation, Clinical Outcomes*, 344-372. <https://doi.org/10.1016/B978-0-323-32903-3.00013-5>
- Bojicic, K. M., Beaulieu, M. L., Imaizumi Krieger, D. Y., Ashton-Miller, J. A., & Wojtys, E. M. (2017). Association between lateral posterior tibial slope, body mass index, and ACL injury risk. *Orthopaedic Journal of Sports Medicine*, 5(2). <https://doi.org/10.1177/2325967116688664>
- Bourne, M., Sinkler, M., & Murphy, P. (2023). Anatomy, bony pelvis and lower limb: tibia. *StatPearls - NCBI Bookshelf*. Diambil dari <https://www.ncbi.nlm.nih.gov/books/NBK526053/>
- Bradsell, H., & Frank, R. M. (2022). Anterior cruciate ligament injury prevention. *Annals of Joint*. <https://doi.org/10.21037/aoj-2020-01>
- Cox, C. F., & Bordoni, B. (2018). *Anatomy, bony pelvis and lower limb, knee posterior cruciate ligament*. StatPearls Publishing.
- Dahlan, M. (2016). *Besar Sampel dalam Penelitian Kedokteran dan Kesehatan*. Sagung Seto.
- Dargo, L., Robinson, K. J., & Games, K. E. (2017). Prevention of knee and anterior

cruciate ligament injuries through the use of neuromuscular and proprioceptive training: An evidence-based review. *Journal of Athletic Training*, 52(12), 1171-1172. <https://doi.org/10.4085/1062-6050-52.12.21>

Dejour, D., Saffarini, M., Demey, G., & Baverel, L. (2015). Tibial slope correction combined with second revision ACL produces good knee stability and prevents graft rupture. *Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA*, 23(10), 2846–2852. <https://doi.org/10.1007/s00167-015-3758-6>

Deviandri, R., van der Veen, H. C., Lubis, A. M. T., van den Akker-Scheek, I., & Postma, M. J. (2023). “Cost-effectiveness of ACL treatment is dependent on age and activity level: a systematic review.” *Knee Surgery, Sports Traumatology, Arthroscopy*, 31(2), 530-541. <https://doi.org/10.1007/s00167-022-07087-z>

Domnick, C., Raschke, M. J., & Herbort, M. (2016). Biomechanics of the anterior cruciate ligament: Physiology, rupture and reconstruction techniques. *World Journal of Orthopedics*, 7(2), 82-93. <https://doi.org/10.5312/wjo.v7.i2.82>

Fahim, S. M., Dhawan, T., Jagadeesh, N., & Ashwathnarayan, Y. P. (2021). The relationship of anterior cruciate ligament injuries with MRI based calculation of femoral notch width, notch width index, notch shape - A randomized control study. *Journal of Clinical Orthopaedics and Trauma*, 17(1), 31-43. <https://doi.org/10.1016/j.jcot.2021.01.006>

Fares, A., Horteur, C., Hardy, A., & Pailhe, R. (2023). Posterior Tibial Slope (PTS) >10 degrees is a risk factor for further anterior cruciate ligament (ACL) injury. *European Journal of Orthopaedic Surgery & Traumatology*, 33(1), 2091-2099. <https://doi.org/10.1007/s00590-022-03406-9>

Filho, P.G., Marques, A. C., Pereira, L.S., & Albuquerque, R.S. (2021). Analysis of Posterior Tibial Slope as Risk Factor to Anterior Cruciate Ligament Tear. *Revista brasileira de ortopedia*, 56(1), 47-52. <https://doi.org/10.1055/s-0040-1712495>

Gopinathan, P. (2018). Imaging the anterior cruciate ligament-points to ponder. *Journal of Orthopaedics*, 15(1), 1-2. <https://doi.org/10.1016/j.jor.2018.02.001>

Gültekin, M. Z., Dinçel, Y. M., Keskin, Z., Arslan, S., & Yıldırım, A. (2023). Morphometric risk factors effects on anterior cruciate ligament injury. *Joint diseases and related surgery*, 34(1), 130–137. <https://doi.org/10.52312/jdrs.2023.910>

Gupta, R., Bahadur, R., Malhotra, A., Masih, G. D., Sood, M., Gupta, P., & Mathur, V. K. (2017). Outcome of hamstring autograft with preserved insertions compared with free hamstring autograft in anterior cruciate ligament surgery at 2-Year follow-up. *Arthroscopy - Journal of Arthroscopic and Related Surgery*, 33(12), 2208-2216. <https://doi.org/10.1016/j.arthro.2017.06.040>

- Gupta, R., Jhatawal, S., Kapoor, A., Kaur, R., Soni, A., & Singhal, A. (2022). Narrow Notch Width and Low Anterior Cruciate Ligament Volume Are Risk Factors for Anterior Cruciate Ligament Injury: A Magnetic Resonance Imaging-Based Study. *HSS Journal*, 18(3), 321-341 <https://doi.org/10.1177/15563316211041090>
- Hosseinzadeh, S., & Kiapour, A. M. (2021). Age-related changes in ACL morphology during skeletal growth and maturation are different between females and males. *Journal of Orthopaedic Research*, 39(4). <https://doi.org/10.1002/jor.24748>
- Huang, M., Li, Y., Guo, N., Liao, C., & Yu, B. (2019). Relationship between intercondylar notch angle and anterior cruciate ligament injury: a magnetic resonance imaging analysis. *The Journal of international medical research*, 47(4), 1602–1609. <https://doi.org/10.1177/0300060518824447>
- Hudek, R., Schmutz, S., & Koch, P. (2009). Novel measurement technique of the tibial slope on conventional MRI. *Clinical Orthopaedics and Related Research*, 467(8), 2066-2072. doi:10.1007/s11999-009-0711-3
- Hirtler, L., Röhrich, S., & Kainberger, F. (2016). The femoral intercondylar notch during life: an anatomic redefinition with patterns predisposing to cruciate ligament impingement. *American Journal of Roentgenology*, 207(4), 836–845. doi:10.2214/ajr.16.16015
- Hoteya, K., Kato, Y., Motojima, S., Ingham, S. J., Horaguchi, T., Saito, A., & Tokuhashi, Y. (2011). Association between intercondylar notch narrowing and bilateral anterior cruciate ligament injuries in athletes. *Archives of Orthopaedic and Trauma Surgery*, 131(3). <https://doi.org/10.1007/s00402-010-1254-5>
- Jagadeesh, N., Paidipati, R., Parameshwar, A., & Shivalingappa, V. M. (2023). Correlation of tibial parameters like medial, lateral posterior tibial slope and medial plateau depth with ACL injuries: randomized control study. *European Journal of Orthopaedic Surgery and Traumatology*, 33(4), 1267-1274. <https://doi.org/10.1007/s00590-022-03288-x>
- Juneja, P., & Hubbard, J. B. (2019). *Anatomy, Bony Pelvis and Lower Limb, Knee Medial Collateral Ligament*. StatPearls.
- Karimi, E., Norouzian, M., Birjandinejad, A., Zandi, R., & Makhmalbaf, H. (2017). Measurement of posterior tibial slope using magnetic resonance imaging. *Archives of Bone and Joint Surgery*, 5(6), 435-439. <https://doi.org/10.22038/abjs.2017.20411.1534>
- Kaynak, M., Nijman, F., van Meurs, J., Reijman, M., & Meuffels, D. E. (2017). Genetic variants and anterior cruciate ligament rupture: A Systematic Review. *Sports Medicine*, 47, 1637-1650 <https://doi.org/10.1007/s40279-017-0678-2>
- Kimura, Y., Ishibashi, Y., Tsuda, E., Yamamoto, Y., Tsukada, H., & Toh, S. (2010).

- Mechanisms for anterior cruciate ligament injuries in badminton. *British journal of sports medicine*, 44(15), 1124–1127. <https://doi.org/10.1136/bjsm.2010.074153>
- Konarski, A., Strang, M., & Jain, N. (2020). The natural orientation of the Anterior Cruciate Ligament compared to the tibial plateau on magnetic resonance imaging scans. *Journal of orthopaedics*, 22, 422–426. <https://doi.org/10.1016/j.jor.2020.09.010>
- Koo, T.K., Li, M.Y., 2016. A Guideline of Selecting and Reporting Intraclass Correlation Coefficients for Reliability Research. *J Chiropr Med* 15, 155–163. <https://doi.org/10.1016/j.jcm.2016.02.012>
- Kumahara, R., Kimura, Y., Sasaki, S., Sasaki, E., Maeda, S., Tsukada, H., Ishibashi, Y. (2022). Prevalence of second fractures associated with anterior cruciate ligament injuries and their influence on knee joint stability; A case-control study. *BMC Musculoskeletal Disorders*, 23(1), 180-187. <https://doi.org/10.1186/s12891-022-05127-w>
- Li, Z., Li, C., Li, L., & Wang, P. (2020). Correlation between notch width index assessed via magnetic resonance imaging and risk of anterior cruciate ligament injury: an updated meta-analysis. *Surgical and Radiologic Anatomy*, 42, 1209-1217. <https://doi.org/10.1007/s00276-020-02496-6>
- Mameri, E. S., Dasari, S. P., Fortier, L. M., Verdejo, F. G., Gursoy, S., Yanke, A. B., & Chahla, J. (2022). Review of meniscus anatomy and biomechanics. *Current Reviews in Musculoskeletal Medicine*, (15), 323-335. <https://doi.org/10.1007/s12178-022-09768-1>
- Mansfield, M. M., & Bucinell, R. B. (2016). Effects of playing surface and shoe type on ACL tears in soccer players. *American Journal of Engineering and Applied Sciences*, 9(4), 1150-1157. <https://doi.org/10.3844/ajeassp.2016.1150.1157>
- Marieswaran, M., Jain, I., Garg, B., Sharma, V., & Kalyanasundaram, D. (2018). A review on biomechanics of anterior cruciate ligament and materials for reconstruction. *Applied Bionics and Biomechanics*, (13), 1-14. <https://doi.org/10.1155/2018/4657824>
- Marieswaran, M., Sikidar, A., Rana, A., Singh, D., Mansoori, N., Lalwani, S., & Kalyanasundaram, D. (2021). A cadaveric study on the rate of strain dependent behaviour of human anterior cruciate ligament. *Acta of Bioengineering and Biomechanics*, 23(1), 45-57. <https://doi.org/10.37190/ABB-01672-2020-05>
- Maya, D. F., Setiawati, R., Rahardjo, P., & Guglielmi, G. (2021). Profile of knee MRI morphometric risk factors for anterior cruciate ligament tear at Dr. Soetomo General Academic Hospital. *International Journal of Research Publications*, 79(1), 13-21. <https://doi.org/10.47119/IJRP100791620212020>
- Miljko, M., Grle, M., Kozul, S., Kolobarić, M., & Djak, I. (2012). Intercondylar

notch width and inner angle of lateral femoral condyle as the risk factors for anterior cruciate ligament injury in female handball players in Herzegovina. *Collegium antropologicum*, 36(1), 195-200.

- Montalvo, A. M., Schneider, D. K., Webster, K. E., Yut, L., Galloway, M. T., Heidt, R. S., ... Myer, G. D. (2019). Anterior cruciate ligament injury risk in sport: A systematic review and meta-analysis of injury incidence by sex and sport classification. *Journal of Athletic Training*, 54(5). <https://doi.org/10.4085/1062-6050-407-16>
- Murray, M. M., & Fleming, B. C. (2013). The Biology of the Normal ACL. The ACL Handbook, 63–72. doi:10.1007/978-1-4614-0760-7\_5
- Musahl, V., Engler, I. D., Nazzari, E. M., Dalton, J. F., Lucidi, G. A., Hughes, J. D., Zaffagnini, S., Della Villa, F., Irrgang, J. J., Fu, F. H., & Karlsson, J. (2022). Current trends in the anterior cruciate ligament part II: evaluation, surgical technique, prevention, and rehabilitation. *Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA*, 30(1), 34–51. <https://doi.org/10.1007/s00167-021-06825-z>.
- Myer, G. D., Ford, K. R., Paterno, M. V., Nick, T. G., & Hewett, T. E. (2008). The effects of generalized joint laxity on risk of anterior cruciate ligament injury in young female athletes. *American Journal of Sports Medicine*, 36(6), 1073-1080. <https://doi.org/10.1177/0363546507313572>
- Nukuto, K., Hoshino, Y., Kataoka, K., & Kuroda, R. (2023). Current development in surgical techniques, graft selection and additional procedures for anterior cruciate ligament injury: a path towards anatomic restoration and improved clinical outcomes—a narrative review. *Annals of joint*, 8, 39. <https://doi.org/10.21037/aoj-23-39>
- Pamukoff, D. N., Holmes, S. C., Garcia, S. A., Vakula, M. N., Shumski, E. J., & Moffit, T. J. (2023). Influence of body mass index and anterior cruciate ligament reconstruction on gait biomechanics. *Journal of Orthopaedic Research*, 41(5), 994-1003. <https://doi.org/10.1002/jor.25451>
- Park, H. J., Kim, S. S., Lee, S. Y., Park, N. H., Ahn, J. H., Chung, E. C., Park, J. Y., & Kim, M. S. (2014). Comparison between arthroscopic findings and 1.5-T and 3-T MRI of oblique coronal and sagittal planes of the knee for evaluation of selective bundle injury of the anterior cruciate ligament. *AJR. American journal of roentgenology*, 203(2), W199–W206. <https://doi.org/10.2214/AJR.13.11571>
- Petway, A. J., Jordan, M. J., Epsley, S., Anloague, P., & Rimer, E. (2023). Mechanisms of anterior cruciate ligament tears in professional national basketball association players: A Video Analysis. *Journal of Applied Biomechanics*, 39(3), 143-150. <https://doi.org/10.1123/jab.2022-0266>
- Pintaric, K., Salapura, V., Snoj, Z. (2017). Anatomical parameters of the knee contributing to a greater risk of ACL injury evaluated on MRI. *European*

- Society of Radiology*, 04(85), 01-20. <https://doi.org/10.1594/ecr2017/C-0485>
- Pillemer, R. (2023). Anatomy and Function of the Knee Joint. *Handbook of Lumbar Spine and Lower Extremity Examination Springer*. 107-123. [https://doi.org/10.1007/978-3-031-37804-1\\_7](https://doi.org/10.1007/978-3-031-37804-1_7)
- Prasad, J. R., R. P., & Davra, S. V. (2021). Anterior cruciate ligament tears: Primary and secondary signs at MR imaging. *International Journal of Radiology and Diagnostic Imaging*, 4(3), 29-33. <https://doi.org/10.33545/26644436.2021.v4.i3a.216>
- Pribadi, A. W., & Choridah, L. (2021). Korelasi antara citra magnetic resonance imaging (MRI) robekan anterior cruciate ligament (ACL) dan robekan meniskus pada pasien trauma sendi lutut. *Thesis*. Gadjah Mada University. Indonesia.
- Rana, S., Hossen, M., & Islam, A. (2021). Interpretation of the common MRI findings in patellofemoral joint with painful knee joint. *European Journal of Medical and Health Sciences*, 3(1), 19-26. <https://doi.org/10.34104/ejmhs.021.019026>
- Randhawa, A. R. S., Jain, A., Rajaram, A., Shetty, P. K., & Umesh, K. (2022). MRI correlation of anterior cruciate ligament injuries with femoral intercondylar notch, posterior tibial slopes and medial tibial plateau depth. *International journal of health sciences*, 6(1), 6591-6607. <https://doi.org/10.53730/ijhs.v6ns1.6414>
- Sanders, T. L., Maradit Kremers, H., Bryan, A. J., Larson, D. R., Dahm, D. L., Levy, B. A., Stuart, M. J., & Krych, A. J. (2016). Incidence of Anterior Cruciate Ligament Tears and Reconstruction: A 21-Year Population-Based Study. *The American journal of sports medicine*, 44(6), 1502-1507. <https://doi.org/10.1177/0363546516629944>
- Sandhir, G., & Rahman, S. (2023). Indirect signs of anterior cruciate ligament tear on MRI knee: a retrospective study. *International Journal of Research in Medical Sciences*, 11(3), 936-940. <https://doi.org/10.18203/2320-6012.ijrms20230576>
- Sastroasmoro, & Ismael, S. (2011). *Dasar-dasar metodologi penelitian klinis* (4th ed.). Jakarta: Sagung Seto.
- Saxena, A., Ray, B., Rajagopal, K. V., D'Souza, A. S., & Pyrtuh, S. (2012). Morphometry and magnetic resonance imaging of anterior cruciate ligament and measurement of secondary signs of anterior cruciate ligament tear. *Bratislava Medical Journal*, 113(9), 539-543. [https://doi.org/10.4149/BLL\\_2012\\_121](https://doi.org/10.4149/BLL_2012_121)
- Şenişik, S., Özgürbüz, C., Ergün, M., Yüksel, O., Taşkıran, E., İşlegen, Ç., & Ertat, A. (2011). Posterior tibial slope as a risk factor for anterior cruciate ligament rupture in soccer players. *Journal of Sports Science and Medicine*, 10(4).

- Siebold, R. (2008). *Author's Reply. Arthroscopy: The Journal of Arthroscopic & Related Surgery*, 24(7), 851–852. doi:10.1016/j.arthro.2008.04.068
- Sundar, S., Patnaik, S., Ubaydullaev, B., Kolandavelu, V., & Rajan, D. (2016). Tibial plateau slopes in indian patients with or without anterior cruciate ligament injury: A magnetic resonance imaging study. *Journal of Orthopaedic Surgery*, 24(3). <https://doi.org/10.1177/1602400303>
- Todd, M. S., Lalliss, S., Garcia, E., DeBerardino, T. M., & Cameron, K. L. (2010). The relationship between posterior tibial slope and anterior cruciate ligament injuries. *American Journal of Sports Medicine*, 38(1).
- Tokuda O, Harada Y, Shiraishi G, Motomura T, Fukuda K, Kimura M, Matsunaga N. (2012). MRI of the anatomical structures of the knee: the proton density-weighted fast spin-echo sequence vs the proton density-weighted fast-recovery fast spin-echo sequence. *Br J Radiol*, 85(1017):e686-93. doi: 10.1259/bjr/99570113.
- Vaienti, E., Scita, G., Ceccarelli, F., & Pogliacomi, F. (2017). Understanding the human knee and its relationship to total knee replacement. *Acta Biomedica*, 88(2), 6-16. <https://doi.org/10.23750/abm.v88i2-S.6507>
- Vaswani, R., Meredith, S. J., Lian, J., Li, R., Nickoli, M., Fu, F. H., & Musahl, V. (2019). Intercondylar Notch Size Can Be Predicted on Preoperative Magnetic Resonance Imaging. *Arthroscopy, sports medicine, and rehabilitation*, 2(1), 17–22. <https://doi.org/10.1016/j.asmr.2019.10.004>
- Waiwaiole, A., Gurbani, A., Motamedi, K., Seeger, L., Sim, M. S., Nwajuaku, P., & Hame, S. L. (2016). Relationship of ACL Injury and Posterior Tibial Slope With Patient Age, Sex, and Race. *Orthopaedic Journal of Sports Medicine*, 4(11), 1-5. <https://doi.org/10.1177/2325967116672852>
- Webb, J. M., Salmon, L. J., Leclerc, E., Pinczewski, L. A., & Roe, J. P. (2013). Posterior tibial slope and further anterior cruciate ligament injuries in the anterior cruciate ligament-reconstructed patient. *The American journal of sports medicine*, 41(12), 2800–2804. <https://doi.org/10.1177/0363546513503288>
- Yoo, H., & Marappa-Ganeshan, R. (2021). *Anatomy, Bony Pelvis and Lower Limb, Knee Anterior Cruciate Ligament. StatPearls*.
- Zhao, M., Zhou, Y., Chang, J., Hu, J., Liu, H., Wang, S., Li, H. (2020). The accuracy of MRI in the diagnosis of anterior cruciate ligament injury. *Annals of Translational Medicine*, 8(24), 23-31. <https://doi.org/10.21037/atm-20-7391>
- Zlotnicki, J. P., Naendrup, J. H., Ferrer, G. A., & Debski, R. E. (2016). Basic biomechanic principles of knee instability. *Current Reviews in Musculoskeletal Medicine*, 9(1), 114-122. <https://doi.org/10.1007/s12178-016-9329-8>