

The following injury prevention programs can be implemented into a team's warm up in an effort to prevent injuries or can be adopted by an individual into their own workout routine. If you have any questions regarding the injury prevention programs, email <u>campusrecatc@wm.edu</u> and an Athletic Trainer will get in touch with you!

Injury Prevention Programs	
ACL/Knee Injury Prevention	 FIFA 11+ PDF: <u>https://jacobstirtonmd.com/wp-content/uploads/2019/07/The-FIFA-11-Soccer-Injury-Prevention-Program.pdf</u> Video: <u>https://www.youtube.com/watch?v=X5YyunLZzBc</u>
	 Sportsmetrics Jump Training PDF: <u>https://www.drwaltlowe.com/media/files/user/SPORTSMETRICS-LOG.pdf</u> Gifs showing execution of movements: <u>https://www.drwaltlowe.com/sports-metrics/</u>
	 The PEP Program: Prevent Injury and Enhance Performance PDF: <u>https://www.aclstudygroup.com/pdf/pep-program.pdf</u> Video: <u>https://www.youtube.com/watch?v=ZrT-3_q-dVU</u>
Ankle Sprain Injury Prevention	UCSF Sports Medicine Ankle Strengthening Protocol PDF: https://sportsrehab.ucsf.edu/sites/sportsrehab.ucsf.edu/files/Ankle%20Strengthening%20Protocol.pdf
Shin Splints/Foot and Ankle Injury Prevention	E3 Rehab's Foot & Ankle Strengthening & Stretch Exercise Program For Intrinsics, Arch, Athletes and Runners • Video: <u>https://www.youtube.com/watch?v=6WF4KHZBriA</u> Shin Splints Home Exercise Program • PDF: <u>William & Mary Campus Rec AT Shin Splint Program</u>
Shoulder Injury Prevention	 OSTRC Shoulder Injury Prevention Program PDF: OSTRC Shoulder Injury Prevention Program Written Explanation: https://www.teamusa.org/USA-Team- Handball/News/2020/September/16/The-OSTRC-Shoulder-Injury-Prevention-Programme Video: With a Partner/Teammate Phase 1: https://www.youtube.com/watch?v=fK0OPyxVkg4 Phase 2: https://www.youtube.com/watch?v=gtiYtWIG_YE Phase 3: https://www.youtube.com/watch?v=R0IHpLLfSko By Yourself: Phases 1-3: https://www.youtube.com/watch?v=gN1F7v_RQFQ&t=307s
Stretching and Foam Rolling	Foam Rolling Upper Body PDF: <u>Upper Body Foam Roll Guide</u> Lower Body

Resources

Kaminski TW, Needle AR, Delahunt E. Prevention of Lateral Ankle Sprains. *J Athl Train*. 2019;54(6):650-661. doi:10.4085/1062-6050-487-17 Eils E, Schröter R, Schröder M, Gerss J, Rosenbaum D. Multistation proprioceptive exercise program prevents ankle injuries in basketball [published correction appears in Med Sci Sports Exerc. 2011 Apr;43(4):741]. *Med Sci Sports Exerc*. 2010;42(11):2098-2105. doi:10.1249/MSS.0b013e3181e03667

McGuine TA, Keene JS. The effect of a balance training program on the risk of ankle sprains in high school athletes. Am J Sports Med. 2006 Jul;34(7):1103-11. doi: 10.1177/0363546505284191. Epub 2006 Feb 13. PMID: 16476915.

Wedderkopp N, Kaltoft M, Lundgaard B, Rosendahl M, Froberg K. Prevention of injuries in young female players in European team handball. A prospective intervention study. *Scand J Med Sci Sports*. 1999;9(1):41-47. doi:10.1111/j.1600-0838.1999.tb00205.x

Ankle Strengthening Protocols. UCSF Medical Center Sports

Medicine.https://sportsrehab.ucsf.edu/sites/sportsrehab.ucsf.edu/files/Ankle%20Strengthening%20Protocol.pdf. Accessed August 11, 2022. Taddei UT, Matias AB, Duarte M, Sacco ICN. Foot Core Training to Prevent Running-Related Injuries: A Survival Analysis of a Single-Blind, Randomized Controlled Trial. The American Journal of Sports Medicine. 2020;48(14):3610-3619. doi:10.1177/0363546520969205

Information on the OSTRC Shoulder Injury Prevention Program for Handball. Team USA. https://www.teamusa.org/USA-Team-Handball/News/2020/September/16/The-OSTRC-Shoulder-Injury-Prevention-Programme. Published September 16, 2020. Accessed August 11, 2022.

Andersson SH, Bahr R, Clarsen B, Myklebust G. Preventing overuse shoulder injuries among throwing athletes: A cluster-randomised controlled trial in 660 elite handball players. *British Journal of Sports Medicine*. 2016;51(14):1073-1080. doi:10.1136/bjsports-2016-096226

University of Nebraska–Lincoln. Injury Prevention & Care - A Campus Recreation Program- Upper Body Stretches. https://crec.unl.edu/ipcare/pdf/Stretching-Upper.pdf. Accessed August 12, 2022.

University of Nebraska–Lincoln. Injury Prevention & Care - A Campus Recreation Program- Lower Body Stretches. https://crec.unl.edu/ipcare/pdf/Stretching-Lower.pdf. Accessed August 12, 2022.

Dendy B. Foam Rolling. https://thesportofmassage.com/posts/2018/04/21/foam-rolling.html. Accessed August 12, 2022.

FIFA 11+ Injury Prevention Program (Plus FREE Handouts). E3 Rehab; 2020. https://www.youtube.com/watch?v=X5YyunLZzBc. Accessed August 12, 2022.

Lowe W. Sportsmetrics Jump Training . https://www.drwaltlowe.com/media/files/user/SPORTSMETRICS-LOG.pdf. Accessed August 12, 2022.

Lowe W. SportsMetrics[™]. SportsMetrics. https://www.drwaltlowe.com/sports-metrics/. Accessed August 12, 2022.

SPHealthcareSystem. 15-minute sports warm up exercises - prevent injury enhance performance program. YouTube. https://www.youtube.com/watch?v=ZrT-3_qdVU. Published September 9, 2014. Accessed August 12, 2022.

Foot & Ankle Strengthening & Stretch Exercise Program for Intrinsics, arch, athletes and runners. YouTube. https://www.youtube.com/watch?v=6WF4KHZBriA. Published December 13, 2020. Accessed August 12, 2022.

The OSTR Shoulder Injury Prevention Programme. file:///C:/Users/ckferrell/Documents/OSTRC%20Shoulder%20Injury%20Prevention%20Program%20PDF.pdf. Accessed August 12, 2022.

Shoulder Injury Prevention Program for Overhead/Throwing Athletes (Phase 1 of 3). [P]rehab; 2017. https://www.youtube.com/watch?v=fK0OPyxVkg4. Accessed August 12, 2022.

Reduce Risk of Shoulder Pain for Overhead Athletes (Phase 2 of 3). [P]rehab; 2017. https://www.youtube.com/watch?v=gtiYtWIG_YE. Accessed August 12, 2022.

Reduce Risk of Shoulder Pain for Overhead Athletes (Phase 3). [P]rehab; 2017. https://www.youtube.com/watch?v=R0IHpLLfSko. Accessed August 12, 2022.

Shoulder Injury Prevention Program (OSTRC Protocol) Exercises | Rehab | Prehab | Stability. E3 Rehab; 2020. https://www.youtube.com/watch?v=gN1F7v_RQFQ. Accessed August 12, 2022.