Serious Anterior Cruciate Ligament Injuries at the Individuals who have Irregular Sport Activity on the Artificial Playing Surfaces

Melih Malkoc, Ozgur Korkmaz, Ali Seker, Mehmet Erdil, Adnan Kara, Ismail Oltulu, Mahmut EnesKayaalp Istanbul Medipol University School of Medicine Department of Orthopedics and Traumatology, Istanbul, Turkey

Objectives: The goals of this study that to present the individual's features who have serious Anterior Cruciate Ligament (ACL) injuries of the knee that performing irregular sportive activities on the Artificial Playing Surface (APS).

Methods: 87 patients who underwent arthroscopic ACL reconstruction Between April 2011 and March 2014, were evaluated. All patients questioned about the injury mechanisms, shoe types, frequency of sporting activity, time of warm-up exercises before sporting activity, types of APS, body mass index (BMI), return to work, frequency of return to previous sportive activity after surgery and rehabilitation period.

Conclusion: Irregular sportive activity with unsufficient equipment on the artificial playing surface causes the serious ACL injuries that have to managed by surgical procedures resulting with loose of working time due to indispensable hospitalisation and rehabilitation period and significant economical losses.

The Orthopaedic Journal of Sports Medicine, 2(11)(suppl 3)

DOI: 10.1177/2325967114S00264

©The Author(s) 2014

This open-access article is published and distributed under the Creative Commons Attribution - NonCommercial - No Derivatives License (http://creativecommons.org/licenses/by-nc-nd/3.0/), which permits the noncommercial use, distribution, and reproduction of the article in any medium, provided the original author and source are credited. You may not alter, transform, or build upon this article without the permission of the Author(s). For reprints and permission queries, please visit SAGE's Web site at http://www.sagepub.com/journalsPermissions.nav.