

## **Summary**

**Title:** Accident rate at floorball players with previous experience with ice hockey.

**Objectives:** To determine whether there is an increased rate of injuries of ankle joint at floorball players with previous experience with ice hockey than at floorball players without this experience. To evaluate the impact of the operation of ice hockey, the sport with permanently fixed foot in the skate, at followed up playing of floorball at the top level.

**Methology:** For the purposes of this thesis was compiled multiple-standard questionnaire - questionnaire form. The research sample consisted of 100 probands - the first group of 25 probands top floorball players who have played at least 5 years of ice hockey at the highest level, the second group 25 floorball extra-league players, third group of 25 professional ice hockey players. Last fourth group consisted of 25 probands athletes meeting the conditions of at least 3 times a week training and 1 championship match - non focus on ice hockey and floorball. The resulting data were first analyzed and clearly captured in tables in Microsoft Office Word 2003. Then were analyzed only data relating to the ankle joint injuries in floorball players using statistical methods to confirm the hypothesis – method of association - association coefficient, Chi-square test. Evaluation of the Chi-square test was done using the program Microsoft Office Excel 2003. Finally the results were drawn from the conclusions of the thesis.

**Key findings:** By chosen methods were gradually confirmed all hypotheses. There is a statistically significant relationship increased risk of accidents of the ankle joint at floorball players with previous experience with ice hockey floorball players than floorball players without this experience. It was confirmed, that the most frequently injured anatomic area at floorball players with previous experience with ice hockey was ankle joint. It was also determined as statistically significant that injuries of the ankle joint is repeated at the same players more often in group of floorball players with earlier experience with ice hockey, than floorball players without this experience. The most common cause of injury has become one form of precipitation (most often with an opponent).

**Keywords:** floorball, ice hockey, accident rate, ankle joint, non-standardized multipage questionnaire.