

# THE PASS SKILL ACQUISITION WITH THE BALL MADE OF NEWSPAPER IN SOCCER CLASS FOR ELEMENTARY SCHOOL CHILDREN

Furuta, M.1), Simura, N.2) & Yamamoto, H.3)

1) Elementary School Affiliated to School of Teacher Education College of Human and Social Sciences, Kanazawa Univ., Japan

2) Junior High School Affiliated to School of Teacher Education College of Human and Social Sciences, Kanazawa Univ., Japan

3) Faculty of Edu., Kanazawa Univ., Japan

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## Introduction

The purpose of this study was to obtain the data pertaining to pass skill acquisition using the ball made of newspaper in soccer class for elementary school children.

## Methods

Thirty-three children(boys: 15 girls: 18) of the 4th grade in the Elementary School Affiliated to School of Teacher Education, College of Human and Social Sciences, Kanazawa Univ. (age: 10.10 years, SD = 0.27, height: 135.03 cm SD = 5.77, weight: 30.85 kg SD = 6.20) participated in soccer class of this study. In order to acquire the pass skill of soccer, each of boys and girls made the ball made of newspaper by his or herself (weight:  $428.6g \pm 49.1$ , circumference  $69.1cm \pm 6.1$ , bouncing height  $26.6cm \pm 3.2$ )(Photo1). Both 1st and 3rd games were video taped and analyzed as to passing frequency per minute. Difference of passing frequency between 1st and 3rd games was evaluated using z-test with a criterion  $\alpha$  level of  $p < 0.05$ .

## Results & Discussion

It is found that the passing frequency increased significantly from 1st game to 3rd game (Fig.1). And also, the chance for every child to kick the ball was obtained through soccer class in this study. Therefore, it is considered that the balls were both suitable for indoor soccer and usefull to acquire the pass skill of soccer for children, because of the softness and no-bounceness, characteristics involving in the ball made of newspaper itself.

## Conclusion

It is concluded the ball made of newspaper would be a unique and usefull device to acquire the pass skill in soccer class of elementary school children all over the world.

## References

1. Mohammadtaghi Amiri-Khorasani ,et al., (2010). J. of Human Kinetics 23 Section I – Kinesiology: 15-20



Picture1

Ball made with newspaper

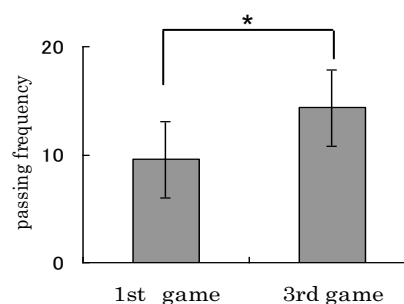


Fig.1 The passing frequency  
\*:  $p < 0.05$