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Analysis and Research on Occurrence of Safety Accident in TAEKWONDO Training Center in KOREA

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Abstract

Safety has emerged as the greatest concern of the present age, and now we are paying more attention to safety than ever. Life richer and more comfortable than the past, on the contrary, accompanies the adverse function of complex and unstable civilization. That is, as the modern society where cultural leisure activities increase in life develops, it is necessary to manage the safety accidents accordingly more systematically.

This research began by recognizing the necessity of research as there is no research or direct/indirect safety-management coping plan and manual for juvenile safety management even though it is very important according to increase of the Taekwondo training center. Safety accidents can be occurred by one factor or by complex combination of several factors. It is necessary to conduct a diversified research on the risk factors that can cause or increase safety accidents and the factors that can prevent or reduce safety accidents.

Therefore, this study aims to prevent safety accidents of Taekwondo training center increasing every year, by investigating and analyzing safety accidents occurring in the Taekwondo training center. In order to accomplish this purpose, we'd like to analyze the safety accidents that occurred in Taekwondo training center based on the preceding researches and seek improvement plan accordingly.

The risk factors that can cause or increase the safety accident of Taekwondo training center are as follows: First, fire at the invisible site due to the environmental factors and injuries caused by facilities are the most common. Second is the factor by trainees - the infectious diseases and injuries between trainees were the main ones. Finally, it is the situation that the accidents caused by carelessness of the trainer frequently occur by as the factor of trainer. In particular, safety accidents caused by passive safety management by trainers are increasing every year. Also, regarding the situation of preparedness for emergency treatment, knowledge and preparation about first aid are insufficient in most of Taekwondo training center, so the education by the related institutions and strengthening of qualification are considered to be prepared.

As a result of analyzing the actual situation of safety accidents in Taekwondo training center in Korea, it was found that most of Taekwondo training center are exposed to safety accidents or lack safety management even though there were some Taekwondo training centers with thorough safety management for safety accidents. The fundamental resolution for the problems in safety management against safety accident at the Taekwondo training center has not been conducted even though there has occurred similar incidents and accidents in training center. In this respect, it is considered that the Kukkiwon(World Taekwondo Headquarters) and the Korean Taekwondo Association need to recognize the importance of safety management and to have specific guidelines and manuals to minimize the safety accidents and injuries occurring in the Taekwondo training center and respond quickly. And it is judged that there is a duty to take charge of development of program which can cope with crisis management in Taekwondo training center and safety education for it.

[Keywords] Taekwondo Training Center, Safety Accident, Safety Education, Injury, Emergency Treatment(First Aid)

1. Introduction

At present, the age group of Taekwondo trainees in Korea is lowered gradually, and juvenile trainees are more than 80% of all trainees. Although the increase of juvenile Taekwondo trainees has a positive effect in the aspect of Taekwondo industry, the opening of Taekwondo training center by geometrical increase results in deterioration of the quality of training[1]. In particular, children are more likely to get safety accidents than adults or adolescents[2][3]. Accordingly, by recognizing the importance of juvenile safety management due to the increase of Taekwondo training center, this researcher would like to contribute to create safety culture for Taekwondo training center by investigating and analyzing the safety accidents in Taekwondo training center where especially lots of children get training.

2. Theoretical Background

2.1. Concept of safety education

The meaning of safety refers to education enabling to acquire knowledge and skills to protect one's own self from disasters or accidents. Safety education for the necessity and importance of safety should be conducted in the Taekwondo training center as the habit of always living a safe and healthy life with respect to the life of one's own self and others is grown[4].

2.2. The concept of safety accident in taekwondo training center

It refers to the injury or death accidents of trainee or trainer by defects in the installation • management of the training facilities or by intention • negligence of the trainee or trainer occurred during the training activities of Taekwondo training center – i.e., during whole activities and events related to the training, instruction and protection conducted inside/outside the Taekwondo training center[5]. Therefore, in a broad sense, safety accident in Taekwondo training center can be referred to a general term of 'All accidents occurring surrounding Taekwondo training center'.

2.3. Safety management in taekwondo training center

Mitroff(2005), a crisis management scholar, emphasizes to proceed with the following five stages for effective crisis management: ① Detection ② Prevention and preparation ③ Restraint and prevention of spread of damage ④ Recovery to the state before crisis ⑤ Learning and repetition[6]. To graft these with the safety management of Taekwondo training center, they can be referred to ① Detection, ② Prevention and preparation may be regarded as the improvement of the environment of the Taekwondo training center for prevention of safety accidents, and the awareness of the trainer(head of the center) and instructor for safety, ③ Restraint and prevention of spread of damage, ④ Recovery to the state before crisis means to take prompt action in case of a safety accident or to block the factors of safety accident in advance. Finally, ⑤ Learning and repetition can be said that the repeated training is the best safety management in preparation for safety accidents in Taekwondo training center.

2.4. Analysis of preceding research on safety accidents

Researches[7][8][9] on the actual situations of various safety accidents occurred in the circumstances of sports have been conducted continuously, and the researches[10][11][12] on safety consciousness are being conducted, so various solutions for sports safety are being suggested. However, it is the situation that the research on the safety accidents occurred in the Taekwondo training center is insufficient. Therefore, it is necessary to approach as a paradigm of risk factors and protective factors that can consider various factors influencing the causes of safety accidents in order to analyze the prevention of safety accident in Taekwondo training center.

3. Status and Analysis of the Safety Accidents in Taekwondo Training Center

3.1. Safety accidents caused by the environmental factor

As an environmental factor among the risk factors that may cause or increase the safety accidents of Taekwondo training center, injuries by the fire at invisible site and the facilities such as glass doors were found to occur a lot. Generally, it can be assumed that there would be no fire accident by the social wisdom thinking that safety accidents occurring in Taekwondo training center would be only injuries, however, if the site of fire is invisible site such as a locker room, the topic may be changed.

3.2. Safety accidents caused by the factor of trainee

The safety accidents caused by trainee factors were found that the diseases by the infection of trainee and injuries between trainees after getting training occur a lot. The infectious disease can be interpreted as a disease accident rather than an injury accident in the safety management of training center, and it is necessary to conduct continuous research on the effective safety-management method in addition to the current best way, the way that the trainer recognizes the prevention method and let the trainees well-informed it.

3.3. Safety accidents caused by the factor of trainer

As for the trainer factors, it was investigated that there happens many injuries caused by the instruction of the trainer and many safety accidents by carelessness of the trainer. Especially, it was found that lack of awareness of safety management due to passive safety management of trainers and wrong safety management are the problems, and the absence of safety education was also found to be serious.

3.4. Preparation for emergency situation

There are many training centers where the roll allocation of the trainers in emergency in the preparation level against the occurrence of emergency situation, and there were difficulties in preparing contingency as there

is no placement of a trainer /leader who can perform CPR(Cardiopulmonary Resuscitation). The number of trainers/leaders who has received safety education is few, and in the case of first aid, more than half of the trainers/leaders say that 'Not confident.', showing that the self-efficacy for accident-prevention is low, so it can be noted that the preparation for first-aid education and strengthening of qualification is necessary.

4. Conclusion

As a result of analyzing the actual situation of safety accidents in Taekwondo training center in Korea, it was confirmed that most of the Taekwondo training center were exposed to safety accidents or lack safety management even though there were some Taekwondo training centers with thorough safety management for safety accidents. The fundamental resolution for the problems in safety management against safety accident at the Taekwondo training center, one of the domestic juvenile activity areas, has not been conducted, but is just in the level of response of temporary remedy only to escape that moment even though there has occurred similar incidents and accidents in training center. In this respect, it is considered that the Kukkiwon(World Taekwondo Headquarters) and the Korean Taekwondo Association need to recognize the importance of safety management and to have specific guidelines and manuals to minimize the safety accidents and injuries occurring in the Taekwondo training center and respond quickly. And it is judged that there is a duty to take charge of development of program which can cope with crisis management in Taekwondo training center and safety education for it.

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