

Report the results of resuscitation training for elementary school children conducted by the team.

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1. Introduction

CPR training for lower grade children (elementary school 1st and 2nd year students) as rescuers has rarely been implemented at school educational institutions. Existing CPR training models are carried out in principle by one rescuer in the order from discovery evaluation CPR defibrillation. As a result, this requires a highly perfected skill level, and this is believed to be the reason why instructing lower grade children is considered difficult. However, if life education can be implemented from an even younger age, lifesaving awareness can be nurtured deeply, and society's resuscitation rate can be improved. It is desirable that effective, efficient and appealing CPR education for lower grade children be developed.

Discussion/Conclusion

Basic Life Support by multiple rescuers is presumed to be of a high level, training for which is limited to health professionals. Most adults rarely have a chance to receive instruction in this technique, let alone students. However, it is has been suggested that by conducting the Team CPR program, **elementary school students can also bear the minimum end of a resuscitation chain with confidence.**



3. Results

Conducting training under the observation of an instructor resulted in patients **being able to receive adequate treatment** from evaluation appeal for support hands-only CPR AED. The 1st year elementary students were able to discover the patient and call for help. They learnt that they needed to move away from the patient when AED was being used.

2. Methods

Our research involves the planning and development of a CPR training program incorporating **team dynamic** elements and we will report our trial of this program on 1st year and older elementary school students (hereafter referred to as Team CPR). Team dynamics refer to the concept of non-technical skills proposed by the advanced cardiovascular life support program (ACLS course) of the Education and Training Emergency Cardiovascular Treatment of the American Heart Association (AHA). This technique, where multiple rescuers cooperate to assist one patient, is considered a high level technique that is chiefly implemented in hospitals by specialist health professionals.

We incorporated an element of team dynamics into Team CPR, regardless of the fact that it is a program for ordinary children. If somebody collapses at school, it is not realistic

that one person will oversee their rescue from beginning to end. This is because it is natural that a large number of students can be found within school grounds.

This study investigated the possibility of providing CPR training to lower grade children that incorporated elements of the ACLS course into a basic life support program tailored to a school situation.

Although it is has been presumed that the physical strength of lower grade elementary students would make it difficult for them to perform effective CPR, we hypothesized that it would be possible for them to engage in lifesaving as one member of a resuscitation team, and thus created this program.

