### ID: 1693

**Congress:** The First International & 4th National Congress on health Education & Promotion, 2011

**Title:** Reducing aggression among guidance school students

**Authors:**
1. Jamshidi, Ensiyeh, PhD student in Health Education, Center for Community based Participatory Research, Tehran University of Medical Sciences
2. Noktehdan, Hayedeh, MS.c, Assistance professor, Faculty of Nursing and Midwifery, Tehran University of Medical Sciences
3. Shahandeh Khandan, PhD student in Health Education, Center for Community based Participatory Research, Tehran University of Medical Sciences
4. Loori Nina, MS.c, in business administration, Center for Community based Participatory Research, Tehran University of Medical Sciences
5. Salehi Leili, PhD, in Health Education, Center for Community based Participatory Research, Tehran University of Medical Sciences

**Abstract:**

Introduction: Aggressive behaviors in adolescents have increased dramatically for the four past decades. The emotional and physical consequences of these behaviors don't exclusively involve the aggressive perpetrator; in other word they will affect the safety of whole society. The aim of the study is to evaluate aggressive behavior among students of guidance schools and assessing the effect of developed participatory intervention plan on aggressive behavior.

**Material & Methods:**

This study is a community based participatory research. At first a cross sectional survey conducted. The subjects of the study were consisted of 1030 guidance school students in zone 17 of Tehran who were selected through random stratified cluster sampling. Data was collected by using a aggression questionnaire consisted of 30 items: Anger (14 item), Hostility (8 item) and Insult (8 item). Content validity and internal consistency reliability of questionnaire were confirmed. To select the aggressive children for involving them in preparing educational curriculum, they were selected using a combination of teacher rating and peer nomination. One aggressive student from each class and the three students among their close friends, their teachers and their family members attended in a session to devise the educational content and strategies with participation of the related stakeholders. Sample size for education was 73 students in each group (case and control). Rate of aggression among children compared before and after intervention, and between cases and controls.

**Results:**

Result finding showed that 51.1% of students were aggressive. Also there was a significant relationship between aggression and factors such as: age (p=0.03), educational level (p=0.01), size of household (p=0.03), income level of the family, history of witnessing insults (P=0.00), child physical and emotional abuse history (P=0.00). The participatory plan had a significant effect on aggression rate in case group.

**Conclusion:**

According to the results a participatory approach can lead to reduce aggressive behavior. The result can be implemented as a model to create safe schools.

**Keywords:** Aggression, Adolescents, Participation

**Presentation:** Poster