

P01-292

## IMPACT OF SURGERY ON MENTAL HEALTH OF CHILDREN AND ADOLESCENTS

N. He, L. Guo

Department of Psychiatry, West China Hospital, Sichuan University, Chengdu, China

Introduction: After the Wenchuan earthquake in China, 2008, more and more attentions are payed on traumatic disorders among children and adolescents in China.

Objective: To make a clear view of the Acute Stress Disorder(ASD) symptoms, other behavior problems and mood disorders caused by surgery among children and adolescents.

Method: 130 children/Adolescents between the age of 8~15 hospitalized in Department of Pediatric Surgery , West China hospital, Sichuan University were interviewed and assessed for possible traumatic symptoms, behavior problems and mood disorders. The Acute Stress Disorder Scale(ASDS), the Child PTSD Symptom Scale (CPSS) and the Child Behavior Checklist (CBCL) were used in this research and several correlated factors and possible predictors were analyzed.

Results: 2 patients' ASDS score were above the critical value of the scale, yet they did not meet the diagnostic criteria of ASD; 2 patients' were found "depressed" "Bad communication" problems respectively compared to the CBCL norms in China.

Conclusions:

1. Some ASD symptoms can be observed from children/adolescents hospitalized in Department of Pediatric Surgery. Children/adolescents with an experience of the traumatic events before sent to hospital may have more significant ASD symptoms.
2. Some behavior problems and mood disorders can be observed from children/adolescents hospitalized in Department of Pediatric Surgery.