

**0645 FAMILY VIOLENCE AND POST-TRAUMATIC STRESS DISORDER IN CHILDREN OF A BRAZILIAN CITY**

L F Ximenes\*, S Goncalves de Assis, R de Vasconcelos, Carvalhaes de Oliveira, J Q Avanci *Correspondence: Centro Latino-Americano de Estudos de Violência e Saúde / Escola Nacional de Saúde Pública / Fundação Oswaldo Cruz, Avenida Brasil, 4036 - Sala 700- Manguinhos - Rio de Janeiro - RJ 21040-361, Brazil*

10.1136/ip.2010.029215.645

The objective of this study was to investigate the association of family violence to Post-traumatic Stress Disorder (PTSD) in school children of a Brazilian city, in 2005. The sample consisted of 500 children with 6 to 13 years old and the respondents were their caretakers. To assess PTSD was used the child behaviour checklist- PTSD (Ruggiero e Mcleer, 2000), and the Conflict Tactics Scale (CTS) to evaluate family violence (Straus, 1979). The results show that violence practiced by the mother is associated to PTSD symptoms in children. Almost 17% of these children who were victims of it presented clinical and borderline symptoms of PTSD. Mothers verbal aggression and mothers severe violence are associated to children PTSD symptoms (OR: 6.091,  $p=0.012$ ; OR=5.777,  $p=0.001$ ; respectively). The violence committed by the father is not associated with the studied symptoms. Otherwise, to witness father violence against to the mother is associated with PTSD in children (9.9%,  $p<0.001$ ). The physical and verbal violence between siblings is associated with PTSD symptoms in children (14.4%,  $p<0.001$ ). The physical violence among siblings is a risk factor to the symptoms of PTSD in childhood (OR=2.131,  $p=0.026$ ). Overall, the prevalence of PTSD is higher in children who suffer domestic violence than those who do not. The results point to the importance of preventing family violence, which reveals a key potential target for early intervention.