Deliberate Self-harm among Adolescents in Thailand: Prevalence and Its Influencing Factors

Arunothai Singtakaew, Nujjaree Chaimongkol, Pornpat Hengudomsub

Burapha University, Faculty of Nursing, Chon Buri, Thailand

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* Corresponding Author: Nujjaree Chaimongkol, RN, PhD., Assoc.Prof.Dr., Dean of Graduate School and Chair-committee of Philosophy of Nursing Science Program, Burapha University (BUU), 169 Long-Hard BangsaenRoad, Tambon Saensook, Amphur Muang, Chon Buri 20131, Thailand.

E-mail address: nujjaree@buu.ac.th (Nujjaree Chaimongkol)

ABSTRACT

Background: Deliberate self-harm (DSH) is an intentional behavior of direct destruction or chopping of body tissues which causes non-fatal physical trauma to the extent that bleeding occurs or causes a bruise to appear and without conscious suicidal intent. DSH in adolescents is frequently encountered in a mental health problem.

Aim: To examine prevalence of DSH in Thai adolescents, and determine its influencing factors, including, gender, family relationship, school connectedness, resilience, and self-control.

Methods: A multi-stage random sampling was used to recruit participants of 406 adolescents aged 10-19 years studying high schools in the north of Thailand in 2019. Research ethics was approved by the IRB of Faculty of Nursing, Burapha University. Research instruments included self-report questionnaires of family relationship, school connectedness, resilience, self-control, and DSH. Their reliabilities were between 0.82-0.89. Data were analyzed by using descriptive statistics and multiple logistic regression analysis.

Results: The results revealed that the prevalence of DSH was 83.3%. Adolescent gender (boy), school connectedness, resilience, family relationship, and self-control were significantly associated with DSH (p<.001). Boys were more likely to have DSH 9.9 times than girls (adj. OR = 9.940, 95%CI = 4.093-24.141, p<0.001) after controlling for all other variables, while family relationship, school connectedness, resilience, and self-control were protective factors.
of the DSH. When the family relationship had increased 1 score, the less likely they would have DSH of 11.7%. In addition, the school connectedness, resilience, and self-control had increased 1 score each, the less likely they would have DSH of 8.5%, 8.3%, and 4.2%, respectively.

**Conclusion:** The prevalence of DSH among Thai adolescents is high. An intervention to strengthen and enhance the family relationship, school connectedness, resilience and self-control among Thai adolescents to prevent DSH should be developed and implemented for both gender, specifically for boys.

**Key words:** Adolescents, Deliberate self-harm, Family relationship, Resilience, School connectedness, Self-control, Boy, Thailand

**References**


