

©Global Environmental Health LAB

February 11, 2025

A Mother's Role in Decreasing Adolescent Tobacco Use in Indonesia

Family exposure to tobacco use has a major impact on adolescents and their curiosity towards smoking. 1,2,3 When one or both parents smokes, the odds of male children smoking increases to 3 times that of non-smoking parents. 4 Tobacco in Indonesia is predominantly used by males and therefore, the focus is for mothers to recognize their role in decreasing tobacco use in adolescents. 5

Mothers can make a difference if they have their husbands and other family members smoke in privacy away from the home and out of sight of their children.

Mothers and sisters in each household need to recognize that most adolescent smokers are interested in quitting smoking and many have tried at least once to quit smoking.⁶ In one study, stress from loneliness and anxiety were common factors that lead to the continuation of smoking.⁴ Adolescent smokers need family support in addressing their causes for wanting to smoke. It has been shown in research that parents' acceptance of their children's smoking habits is not unusual.⁷ Thus, stricter parental control against tobacco use can be a strategy to limit adolescent smoking.

The recognition by mothers and their efforts to decrease smoking in the home is important. Secondhand smoke can have long term health effects leading to chronic illnesses. In Indonesia, about 54% of secondhand smoke exposure occur in the home and nearly 80% of children 15 years and older have had tobacco exposure at home.⁸

Reference:

- 1. Leonardi-Bee J, Jere ML, Britton J. Exposure to parental and sibling smoking and the risk of smoking uptake in childhood and adolescence: a systematic review and meta-analysis. *Thorax.* 2011;66(10):847-855. doi:10.1136/thx.2010.153379
- 2. Smet B, Maes L, De Clercq L, Haryanti K, Winarno RD. Determinants of smoking behaviour among adolescents in Semarang, Indonesia. *Tob Control.* 1999;8(2):186-191. doi:10.1136/tc.8.2.186
- 3. Bigwanto M, Mongkolcharti A, Peltzer K, Laosee O. Determinants of cigarette smoking among school adolescents on the island of Java, Indonesia. *Int J Adolesc Med Health*. 2017;29(2):/j/ijamh.2017.29.issue-2/ijamh-2015-0036/ijamh-2015-0036.xml. doi:10.1515/ijamh-2015-0036
- Ihyauddin Z, Putri DAD, Tengkawan J, Ekawati FM, Sitaresmi MN. Tobacco Use among School-Age Adolescents in Indonesia: Findings from the 2015 Indonesia Global School-Based Student Health Survey. *Korean J Fam Med*. 2023 Nov;44(6):327-334. doi: 10.4082/kjfm.23.0010. Epub 2023 Aug 31. PMID: 37648399; PMCID: PMC10667077.
- 5. Agency of Health Research and Development. National report of basic health research 2018. Jakarta: Ministry of Health, Republic of Indonesia; 2018
- 6. World Health Organization, Regional Office for South-East Asia. Global Youth Tobacco Survey (GYTS) Indonesia Report, 2014 [Internet]. New Delhi: World Health Organization, Regional Office for South-East Asia; 2014.
- 7. Septiono W, Kuipers MAG, Ng N, Kunst AE. The Mediating Role of Parental Factors in the Social Patterning of Smoking among Adolescents in Urban Indonesia. *Asian Pac J Cancer Prev.* 2021 Oct 1;22(10):3127-3135. doi: 10.31557/APJCP.2021.22.10.3127.
- 8. Indonesia Global Adult Tobacco Survey (GATS). Centers for Disease Control and Prevention; 2011. Available from: www.cdc.gov/tobacco/global/gtss/gtssdata/index.html.