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Author: Ki-Hyun Kim Ehsanul Kabir Shamin Ara Jahan

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Waterpipe tobacco smoking and its human health impacts

Ki-Hyun Kim^{a*}, Ehsanul Kabir^b, Shamin Ara Jahan^c

^aDepartment of Civil and Environmental Engineering, Hanyang University, Seoul
133-791, Republic of Korea;

^bDepartment of Farm, Power, and Machinery, Bangladesh Agricultural University, Mymensingh,
Bangladesh;

^cBRAC Clinic, Dhaka, Bangladesh

* Correspondence: kkim61@hanyang.ac.kr Phone: 82-2-2220-2325. Fax -1945

Highlights

- For waterpipe tobacco smoking, it is important to quantify its toxic substances
- Public health problem was raised to assess the extent of key odorant species.
- The human health impacts of its use have been documented by many reserachers
- The associated legislation efforts are necessary to regulate its use and similar events

Abstract

Waterpipe tobacco smoking (WTS, also known as hookah, shisha, narghile, and other names) involves passing tobacco smoke through water prior to inhalation by the consumer. As the number of waterpipe smokers is rising rapidly, there is growing concern over the use of WTS, particularly as there has been a widely held misconception that WTS is free from health hazards. In reality, it is associated with a variety of adverse health outcomes on both a short- and long-term basis. Hence, it is desirable to develop advanced techniques for surveillance, intervention, and regulatory/policy frameworks specific to the production and use of waterpipe tobacco. This review is written to survey

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