Proceeding

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PRELIMINARY SYNTHESIS OF CALCIUM CARBONATE USING CO2 BUBBLING METHOD FOR BIOMEDICAL APPLICATION
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PRELIMINARY SYNTHESIS OF CALCIUM CARBONATE USING CO2 BUBBLING METHOD FOR BIOMEDICAL APPLICATION
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Dental And Oral Health Problems In Children As A Passive Smoker
(Literature Study Article)

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ABSTRACT

Based on Basic Health Research (Riskesdas) in 2013, as many as 85% of households in Indonesia were exposed to cigarette smoke. Global youth tobacco survey 2009 data (GYTS 2009) mentioned 68.8% of school children aged 13-15 years exposed to environmental tobacco smoke in homes, and according to Riskesdas 2007, 59.1% of children under five years old were passive smokers. This literature review aims to explain dental and oral health problems occurring in children as a passive smoker. Passive smoking, also known as exposure to environmental tobacco smoke (ETS), is defined as inhalation of the cigarette smoke of another individual or the exhale of a smoker. Passive smokers absorb nicotine and other compounds just as smokers do, and as the exposure to ETS increases, the level of these harmful compounds in the body also increases. Children exposed to tobacco smoke are at increased risk of asthma, ear and respiratory infections, and sudden infant death syndrome. Passive smoking in children can also cause disturbances in dental and oral health. Environmental tobacco smoke contains over 4000 chemical agents adversely affecting the oral health of passive smokers and changes the normal oral and nasopharyngeal flora. Children as a passive smoker, can be affected by exposure to environmental tobacco smoke, including disruption of dental and oral health, such as melanin pigmentation of the gingiva, increased incidence of caries, affected of periodontal health and delayed in dental development.

Keywords: dental and oral health problems, children, passive smoking, tobacco smoke, nicotine.

INTRODUCTION

Passive smoking, also known as involuntary smoking, second hand smoking (SHS) or exposure to environmental tobacco smoke (ETS), is defined as inhalation of the cigarette smoke of another individual or the exhale of a smoker. Passive smoking can adversely affect the health of non-smokers of all age groups ¹,².