

ABSTRAK

**FAKTOR YANG MEMPENGARUHI PERILAKU PENCEGAHAN
GANGGUAN PENDENGARAN DI PERMUKIMAN TEPI REL KERETA
API SURABAYA**Penelitian *Cross-Sectional***Oleh: Maya Rahma Ruski**

Pendahuluan : Suara bising yang dihasilkan oleh kereta saat melintas memiliki dampak masalah bagi masyarakat permukiman tepi rel kereta api terutama bagi ibu –ibu rumah tangga, masalah yang di jumpai dari penelitian sebelumnya yaitu terdapat gangguan auditori dan non auditori. Perilaku pencegahan gangguan pendengaran merupakan hal yang sangat penting dilakukan untuk menghindari masalah akibat suara bising kereta api. Tujuan dari penelitian ini adalah untuk menganalisis faktor yang berhubungan dan menganalisis faktor yang dominan, terhadap perilaku pencegahan gangguan pendengaran di permukiman tepi rel kereta api Surabaya. **Metode :** Penelitian ini menggunakan desain deskriptif analitik dengan pendekatan *cross-sectional*. Sampel pada penelitian ini sebanyak 109 responden. Variabel independen dalam penelitian ini adalah pengetahuan, sikap, status ekonomi, lama tinggal, dan lama terpapar, sedangkan variabel dependen yaitu perilaku pencegahan gangguan pendengaran. Instrumen yang digunakan adalah kuesioner yang sudah diuji validitas dan reliabilitas. Data di dapatkan dengan kuesioner dan di analisis dengan menggunakan *spearman's rho* dan regresi ordinal dengan tingkat signifikansi $< 0,05$. **Hasil dan Analisis:** Terdapat hubungan antara pengetahuan ($p=0,00$), sikap ($p=0,00$) dan ekonomi ($p=0,00$). Selain itu faktor dominan yang mempengaruhi perilaku pencegahan gangguan pendengaran adalah pengetahuan ($p=0,01$) dan sikap ($p=0,00$). **Diskusi :** Pengetahuan, sikap, dan ekonomi dapat mempengaruhi perilaku pencegahan gangguan pendengaran pada masyarakat tepi rel kereta api.

Kata Kunci : pengetahuan, sikap, perilaku, bising kereta api, pencegahan gangguan pendengaran.

ABSTRACT**FACTORS AFFECTING BEHAVIOUR OF HEARING DISORDERS
PREVENTION IN SETTLEMENT ALONG RAILWAY LINES OF
SURABAYA**

A Cross Sectional Study

By: Maya Rahma Ruski

Background: The noise generated by the train can affecting the settlement along railway lines negatively based on previous studies, especially affecting the housewives, both auditory and non auditory aspects. Preventing hearing disorders from the train's noise was very important to be done. The aim of this study was to find the dominant factor and analyzed the factors affecting behaviour of hearing disorders prevention in settlement along railway lines of Surabaya. **Methods:** The design of this study was descriptive analitics with a cross sectional approach. About 109 respondents took part in this research. The independent variables of this study were knowledge, attitudes, economic status, length of staying in the settlement, and length of exposure to the train's noise. Meanwhile the dependent variable was the behaviour of hearing disorders prevention. The instrument was a questionnaire that has been tested the validity and reliability. Data was collected with questionnaire and analyzed using spearman's rho test and ordinal regression with the significance level was <0.05 . **Results and analysis:** There was a correlation between knowledge ($p=0,00$), attitude ($p=0,00$) and economic status ($p=0,00$) with the behaviour of hearing disorders prevention. In addition to that, the dominant factor affecting behaviour of hearing disorders prevention is knowledge ($p=0,00$) and attitudes ($p=0,01$). **Discussion:** The knowledge, attitudes, and economic status positively affecting behaviour of hearing disorders prevention in settlement along railway lines.

Keywords : knowledge, attitudes, behaviour, train's noise, hearing disorders prevention.