

# GAMBARAN TINGKAT PENGETAHUAN TENTANG PERAWATAN GIGI BERLUBANG DAN SKOR *PERFORMANCE TREATMENT INDEX* PADA REMAJA USIA 14-17 TAHUN

Noviana Hernawati<sup>1</sup>, Eldarita<sup>2</sup>, Hari Wibowo<sup>3</sup>  
Jurusan Kesehatan Gigi Kemenkes Poltekkes Yogyakarta,  
Jl Kyai Mojo No 56, Bener, Tegalrejo, Yogyakarta  
email: [noviana.nnh@gmail.com](mailto:noviana.nnh@gmail.com)

## ABSTRAK

**Latar Belakang:** Kesehatan gigi dan mulut menjadi permasalahan yang harus diperhatikan. Rendahnya pengetahuan tentang kesehatan gigi dan mulut menjadi salah satu penyebab gigi berlubang. 90 - 100% remaja dibawah usia 18 tahun mengalami gigi berlubang dan angka *Performance Treatment Index* masih rendah.

**Tujuan:** Diketuainya pengetahuan tentang perawatan gigi berlubang dan skor *performance treatment index* pada remaja usia 14-17 tahun.

**Metode:** Jenis penelitian deskriptif bersifat survey dengan rancangan *cross sectional*. Penelitian dilakukan bulan Mei-Juni 2024. Sampel penelitian berjumlah 50 remaja usia 14-17 tahun. Sampel penelitian diambil menggunakan Teknik *accidental sampling*. Pengumpulan data menggunakan kuesioner dan lembar pemeriksaan kesehatan gigi dan mulut untuk menghitung skor *performance treatment index*.

**Hasil:** Pengetahuan tentang perawatan gigi berlubang pada remaja usia 14-17 tahun dengan kategori baik sebanyak 78%, pengetahuan kategori cukup sebanyak 22% serta tidak ada responden dengan pengetahuan kategori kurang. Status gigi berlubang dengan hasil index DMF-T 2,08 dengan nilai masing-masing D=1,7, M=0,16, F=0,14. Tingkat pencapaian angka mempertahankan gigi *performance treatment index* yaitu 0,06%.

**Kesimpulan:** Pengetahuan remaja usia 14-17 tahun di Desa Ngino, Seyegan, Sleman, Yogyakarta tentang perawatan gigi berlubang termasuk dalam kategori baik, akan tetapi tindakan dalam perawatan gigi berlubang belum terlaksana. Hal ini didukung dengan skor *performance treatment index* yang berada dibawah target nasional 0,06%.

**Kata Kunci:** Pengetahuan, Perawatan Gigi Berlubang, *performance treatment index* (PTI).

## DESCRIPTION OF THE LEVEL OF KNOWLEDGE ABOUT CARE TOOTH TREATMENT AND *PERFORMANCE TREATMENT INDEX* SCORES IN TEENAGERS AGE 14-17 YEARS

Noviana Hernawati<sup>1</sup>, Eldarita<sup>2</sup>, Hari Wibowo<sup>3</sup>  
Department of Dental Health Ministry of Health Poltekkes Yogyakarta,  
JI Kyai Mojo No 56, Bener, Tegalrejo, Yogyakarta  
email: [noviana.nnh@gmail.com](mailto:noviana.nnh@gmail.com)

### ABSTRACT

**Background:** Dental and oral health is an issue that must be considered. Low knowledge about dental and oral health is one of the causes of cavities. 90 100% of teenagers under the age of 18 experience cavities and the *Performance Treatment Index* number is still low.

**Objective:** To determine knowledge about treating cavities and *performance treatment index* scores in adolescents aged 14-17 years.

**Method:** This type of descriptive research is survey in nature cross sectional design. The research was conducted in May-June 2024. The research sample consisted of 50 teenagers aged 14-17 years. The research sample was taken using accidental sampling technique. Data collection uses questionnaires and oral health examination sheets to calculate *performance treatment index* scores.

**Results:** Knowledge about treating cavities in adolescents aged 14-17 years in the good category was 39 respondents 78%, knowledge in the sufficient category was 22% (11) respondents and there were no respondents with knowledge in the poor category. Cavity status with DMF-T index results of 2.08 with respective values D=1.7, M=0.16, F=0.14. The achievement rate for maintaining the tooth *performance treatment index* is 0.06%.

**Conclusion:** The knowledge of adolescents aged 14-17 years in Ngino Village, Seyegan, Sleman, Yogyakarta about treating cavities is included in the good category, however, action for treating cavities has not been implemented. This is supported by the *performance treatment index* score which is below the national target of 0.06%.

**Keywords:** Knowledge, Cavity Treatment, *performance treatment index* (PTI).