

# ***KARYA TULIS ILMIAH***

## **PENGARUH STATUS KEBERSIHAN GIGI DAN MULUT ( OHI-S ) PADA LANSIA YANG MENGGUNAKAN GIGI TIRUAN SEBAGIAN LEPASAN BERDASARKAN TINGKAT PENDIDIKAN**

Disusun untuk memenuhi sebagian syarat memperoleh  
derajat Sarjana Kedokteran Gigi pada Fakultas Kedokteran Program Studi Kedokteran Gigi  
Universitas Muhammadiyah Yogyakarta



disusun oleh :

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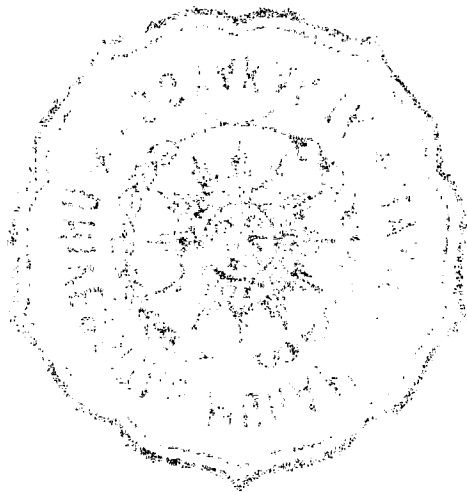
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**HALAMAN PENGESAHAN**

**KARYA TULIS ILMIAH**

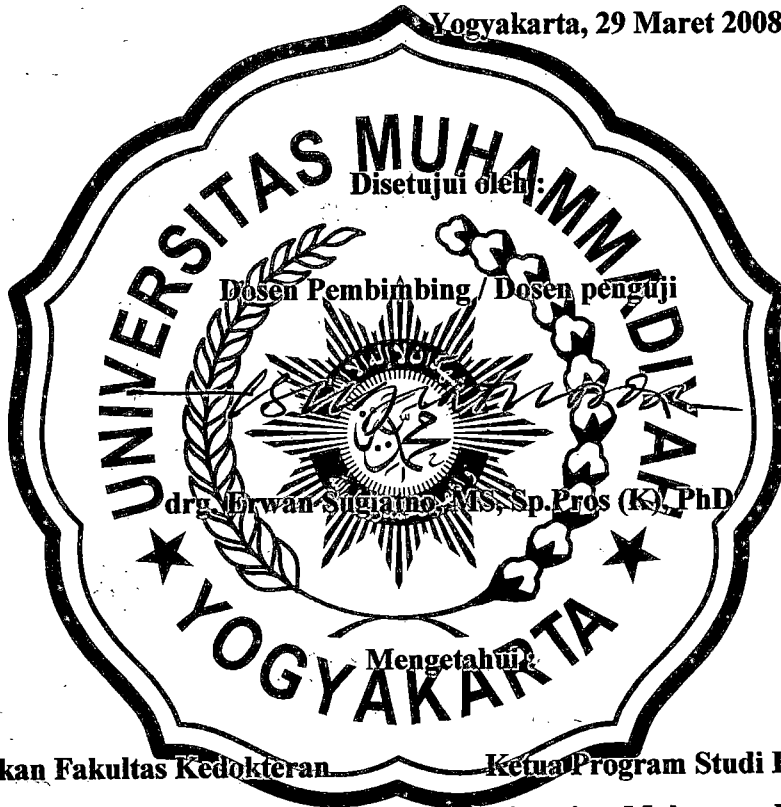
**PENGARUH STATUS KEBERSIHAN GIGI DAN MULUT (OHI-S) PADA LANSIA YANG MENGGUNAKAN GIGI TIRUAN SEBAGIAN LEPASAN BERDASARKAN TINGKAT PENDIDIKAN**

**Disusun oleh :**

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**Yogyakarta, 29 Maret 2008**



**Dekan Fakultas Kedokteran**

**Universitas Muhammadiyah Yogyakarta**

**Kepua Program Studi Kedokteran Gigi**

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**Dr. Erwin Santosa, Sp.A, M.Kes**

**Prof. Dr. drg. H. Sudibyo, SU, Sp. Perio**

## **PERNYATAAN KEASLIAN TULISAN**

Saya yang bertanda tangan dibawah ini

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Menyatakan dengan sebenarnya bahwa Karya Tulis Ilmiah yang saya tulis ini benar-benar merupakan hasil karya saya sendiri dan belum diajukan dalam bentuk apapun kepada perguruan tinggi manapun. Sumber informasi yang berasal atau dikutip dari karya yang diterbitkan maupun tidak diterbitkan dari penulis lain telah disebutkan dalam teks dan dicantumkan dalam Daftar Pustaka dibagian akhir Karya Tulis Ilmiah ini.

Apabila dikemudian hari terbukti atau dapat dibuktikan skripsi ini hasil jiplakan,

1. Introduction

The purpose of this study is to investigate the effects of various factors on the performance of a system. The study is organized as follows: Section 2 describes the methodology used in the study. Section 3 presents the results of the study. Section 4 discusses the implications of the findings. Section 5 concludes the study.

The study was conducted using a series of experiments. The first experiment was designed to measure the effect of factor A on the system's performance. The second experiment was designed to measure the effect of factor B on the system's performance. The third experiment was designed to measure the effect of factor C on the system's performance. The results of the experiments are presented in Section 3.

The results of the study show that factor A has a significant positive effect on the system's performance. Factor B has a significant negative effect on the system's performance. Factor C has a significant positive effect on the system's performance.

The implications of these findings are that factor A should be increased to improve the system's performance. Factor B should be decreased to improve the system's performance. Factor C should be increased to improve the system's performance.

Conclusion

## **MOTTO**

Bacakanlah apa yang telah diwahyukan kepadamu dari al Kitab dan dirikanlah sholat, sesungguhnya sholat itu mencegah manusia dari perbuatan yang keji dan munkar dan sungguh ingat pada Allah adalah lebih besar (manfaatnya), dan Allah mengetahui apa yang kamu kerjakan  
(Q.S Al'Ankabuut (29) : 45)

Dan mintalah pertolongan (kepada Allah) dengan sabar dan (mengerjakan sholat)  
(Q.S Al Baqarah (2) : 45)

Sesungguhnya sesudah kesulitan itu ada kemudahan  
(Q.S Alam Nasyrah (94) : 6)

Allah tidak membebani seseorang melainkan sesuai dengan kesanggupannya  
(Q.S Al Baqarah (2) : 286)

## QUESTION

1. A body of mass  $m$  is projected from the ground with an initial velocity  $u$ . It reaches a maximum height  $h$  and then falls back to the ground. The acceleration due to gravity is  $g$ . Find the total time taken for the body to return to the ground.

2. A particle is projected from the ground with an initial velocity  $u$  at an angle  $\theta$  to the horizontal. It follows a parabolic path and returns to the ground. Find the horizontal range  $R$  of the particle.

3. A body of mass  $m$  is projected from the ground with an initial velocity  $u$ . It reaches a maximum height  $h$  and then falls back to the ground. Find the time taken for the body to reach the maximum height.

4. A particle is projected from the ground with an initial velocity  $u$  at an angle  $\theta$  to the horizontal. It follows a parabolic path and returns to the ground. Find the time taken for the particle to reach the maximum height.

**Kupersembahkan Karya Tulis Ilmiah ini untuk**

**Kedua orang tuaku ( Papa dan Ibuku ) dan adik-adikku ( Cherry dan Dimas ) yang selalu mendoakanku, selalu memberikan semangat, kasih sayang, dan dorongannya untukku.**





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Assalamualaikum Wr. Wb.

Alhamdulillah, puji syukur kami panjatkan kehadiran Allah SWT karena atas rahmat dan karuniaNya penulis dapat menyelesaikan Karya Tulis Ilmiah (KTI) yang berjudul **“Pengaruh Status Kebersihan Gigi dan Mulut (OHI-S) pada Lansia yang Menggunakan Gigi Tiruan Sebagian Lepas Berdasarkan Tingkat Pendidikan”** sebagai salah satu syarat memperoleh derajat sarjana Kedokteran Gigi Universitas Muhammadiyah Yogyakarta. Penulis menyadari bahwa dalam penulisan KTI ini masih banyak kekurangannya, tetapi penulis berharap KTI ini dapat berguna bagi masyarakat dan bagi pembaca.

Penulisan KTI ini dapat terlaksana atas bantuan dari berbagai pihak, oleh karena itu penulis ingin mengucapkan rasa terimakasih yang sebanyak-banyaknya kepada :

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2. Prof. Dr. drg. H. Sudibyso, Sp.Perio selaku Ketua Program Studi Kedokteran Gigi Universitas Muhammadiyah Yogyakarta.
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Wassalamualaikum Wr. Wb



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## QUESTION 1

100 marks

1.1. The following table shows the number of people who visited the website of a company during the first 10 days of the month of January. The number of people who visited the website is denoted by  $x$  and the number of days by  $t$ .

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.2. The number of people who visited the website of the company during the first 10 days of the month of February is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.3. The number of people who visited the website of the company during the first 10 days of the month of March is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.4. The number of people who visited the website of the company during the first 10 days of the month of April is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.5. The number of people who visited the website of the company during the first 10 days of the month of May is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.6. The number of people who visited the website of the company during the first 10 days of the month of June is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.7. The number of people who visited the website of the company during the first 10 days of the month of July is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.8. The number of people who visited the website of the company during the first 10 days of the month of August is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.9. The number of people who visited the website of the company during the first 10 days of the month of September is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.10. The number of people who visited the website of the company during the first 10 days of the month of October is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.11. The number of people who visited the website of the company during the first 10 days of the month of November is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

1.12. The number of people who visited the website of the company during the first 10 days of the month of December is given by the following table.

Number of days ( $t$ )	Number of people ( $x$ )
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55

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1. *Introduction*

The first part of the report discusses the background and objectives of the study. It outlines the scope of the research and the methodology used to collect and analyze the data. The objectives are to identify the key factors influencing the performance of the system and to propose effective solutions to address the identified issues.

The second part of the report presents the results of the study. It includes a detailed analysis of the data collected, highlighting the trends and patterns observed. The findings are discussed in the context of the research objectives and compared with the existing literature to provide a comprehensive understanding of the system's performance.

The third part of the report discusses the conclusions drawn from the study. It summarizes the key findings and provides recommendations for future research and implementation. The conclusions are based on the analysis of the data and the insights gained from the study.

The fourth part of the report provides a detailed discussion of the implications of the study. It explores the potential impact of the findings on the field of research and practice. The implications are discussed in the context of the current state of knowledge and the challenges faced by the industry.

The fifth part of the report discusses the limitations of the study. It identifies the factors that may have influenced the results and the scope of the research. The limitations are discussed to provide a clear understanding of the strengths and weaknesses of the study.

The sixth part of the report provides a detailed discussion of the future research directions. It identifies the areas that need further exploration and the methods that can be used to address these areas. The future research directions are discussed to provide a clear path forward for the field of research.

The seventh part of the report discusses the conclusions and recommendations. It summarizes the key findings and provides a clear set of recommendations for future research and implementation. The conclusions and recommendations are based on the analysis of the data and the insights gained from the study.

The eighth part of the report provides a detailed discussion of the implications of the study. It explores the potential impact of the findings on the field of research and practice. The implications are discussed in the context of the current state of knowledge and the challenges faced by the industry.