

**MAGISTER EPIDEMIOLOGI  
KONSENTERASI SAIN TERAPAN KESEHATAN  
PROGRAM PASCASARJANA  
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**ABSTRAK**

**PERBEDAAN ANTARA AUDIOVIDEO DENGAN DEMONSTRASI  
PANTUM TERHADAP PERILAKU, STATUS KEBERSIHAN GIGI DAN  
MULUT ANAK *SLOW LEARNER*: Kajian Terhadap Perilaku Pemeliharaan  
Kesehatan Gigi dan Mulut**

**Latar Belakang:** Anak berkebutuhan khusus yang memerlukan perhatian khusus diantaranya adalah anak *slow learner*. Pemenuhan kebutuhan *personal hygiene* khususnya kebersihan gigi perlu diperhatikan, mengingat bahwa anak *slow learner* sangat rentan mengalami kerusakan gigi. Tujuan penelitian ini adalah menganalisis perbedaan sebelum dan sesudah diberikan pengajaran cara menggosok gigi antara audiovideo dibanding dengan demonstrasi pantum terhadap perilaku (pengetahuan, sikap, keterampilan) dan status kebersihan gigi dan mulut anak *slow learner*.

**Metode Penelitian:** Penelitian ini merupakan penelitian *Quasi experimental* dengan rancangan *pre-posttest with two group design*. Teknik pengambilan sampel menggunakan *purposive sampling* sehingga didapat responden berjumlah 31 anak *slow learner*. Sampel dibagi dua kelompok, yaitu kelompok I berjumlah 16 anak diberi pengajaran cara menggosok gigi dengan audiovideo sedangkan kelompok II berjumlah 15 anak diberi pengajaran cara menggosok gigi dengan demonstrasi pantum.

**Hasil Penelitian:** Analisis awal (*pretest*), didapatkan hasil yang sebanding pada variabel pengetahuan, sikap, keterampilan dan status kebersihan gigi dan mulut antara kelompok I dengan kelompok II ( $p > 0,05$ ). Hasil analisis setelah intervensi (*posttest*) menunjukkan ada perbedaan yang signifikan pengetahuan, sikap dan keterampilan responden antara kelompok I dengan kelompok II ( $p < 0,05$ ) sedangkan tidak ada perbedaan yang signifikan status kebersihan gigi dan mulut responden antara kelompok I dengan kelompok II ( $p > 0,05$ ).

**Kesimpulan:** 1) Ada perbedaan sebelum dan sesudah diberikan pengajaran cara menggosok gigi antara audiovideo dengan demonstrasi pantum terhadap pengetahuan, sikap dan keterampilan anak *slow learner*. 2) Tidak ada perbedaan sebelum dan sesudah diberikan pengajaran cara menggosok gigi antara audiovideo dengan demonstrasi pantum terhadap status kebersihan gigi dan mulut anak *slow learner*.

**Kata Kunci:** Audiovideo, Demonstrasi Pantum, Perilaku, Status Kebersihan Gigi dan Mulut, Anak *Slow Learner*

**MASTER OF EPIDEMIOLOGY  
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**ABSTRACT**

**DIFFERENCES OF AUDIOVIDEO WITH PANTUM DEMONSTRATION  
ON THE BEHAVIORAL, DENTAL AND ORAL HYGIENE STATUS IN  
CHILDREN WITH SLOW LEARNER: Study of Behavioral on Dental and  
Oral Health Care**

**Background:** Children with special needs that require special attention include children with slow learner. Meeting the needs of personal hygiene dental hygiene especially worth noting, given that the children with slow learner was very susceptible to tooth decay. The purpose of this study was to analyze the differences before and after teaching how to brush his teeth between audiovideo compared with pantum demonstration on behavior (knowledge, attitudes, skills) and oral hygiene status children with slow learner.

**Method:** This research was a quasi experimental design on *pre-posttest with two group design*. The sampling technique using a purposive sampling in order to get the respondent amounted to 31 children with slow learner. Samples were divided two groups: group I with 16 children were given instruction how to brush teeth with audiovideo while the second group of 15 children were given instruction how to brush teeth with pantum demonstration.

**Result:** Analysis of the first (pretest), obtained comparable results to the variable knowledge, attitudes, skills and oral hygiene status between groups I and group II ( $p > 0.05$ ). Results of analysis after the intervention (posttest) showed a significant differences in knowledge, attitudes and skills of the respondents between the group I and group II ( $p < 0.05$ ) whereas there was no significant difference in oral hygiene status of the respondents between the group I and group II ( $p > 0.05$ ).

**Conclusion:** 1) There was a difference before and after teaching how to brush his teeth between audiovideo with pantum demonstration on knowledge, attitude and skills of children with slow learner. 2) There was no difference before and after teaching how to brush his teeth between audiovideo with pantum demonstration on the oral hygiene status of children with slow learner.

**Keywords:** Audiovideo, Pantum Demonstration, Behaviors, Dental and Oral Hygiene Status, Children with Slow Learner.