

***INTERRATER RELIABILITY DARI: CHECKLIST KETERAMPILAN ORAL  
CARE DI PROGRAM STUDI ILMU KEPERAWATAN FAKULTAS  
KEDOKTERAN UNIVERSITAS GADJAH MADA***

**INTISARI**

**Latar Belakang:** Uji reliabilitas instrumen diperlukan untuk mengetahui tingkat konsistensi pengukuran instrumen. Perbedaan persepsi antar penguji sangat mungkin terjadi sehingga mempengaruhi konsistensi penilaian antar penguji. Pengukuran reliabilitas dari *checklist* keterampilan *oral care* di PSIK FK UGM belum pernah dilakukan sebelumnya.

**Tujuan Penelitian:** Untuk mengetahui *interrater reliability* dari *checklist* keterampilan *oral care* di PSIK FK UGM.

**Metode:** Penelitian ini merupakan penelitian deskriptif kuantitatif non eksperimental dengan rancangan *cross sectional*. Responden penelitian ini berjumlah 85 mahasiswa tahun pertama PSIK FK UGM. Penelitian ini melibatkan dua orang penguji yang menilai menggunakan dua instrumen *checklist* keterampilan *oral care*. Hasil penilaian kedua penguji di analisis secara keseluruhan dan setiap itemnya. Data diolah menggunakan STATA 9 dan dianalisis menggunakan *percent agreement*, unweighted kappa dan quadratic weighted kappa.

**Hasil:** *Interrater reliability checklist* keterampilan *oral care* pada klien tidak sadar secara keseluruhan memiliki kategori buruk ( $k=0.1332$ ;  $PA=48.65\%$ ). Setiap itemnya menghasilkan 18 item kategori buruk ( $k_{wq} \leq 0.20$ ), 4 item kategori cukup ( $k_{wq}=0.21-0.40$ ), 6 item kategori sedang ( $k_{wq}=0.41-0.60$ ), dan 2 item kategori baik ( $k_{wq}=0.61-0.80$ ). *Interrater reliability checklist* keterampilan perawatan mulut klien dengan gigi palsu secara keseluruhan memiliki kategori buruk ( $k=0.1969$ ;  $PA=64.58\%$ ). Setiap itemnya menghasilkan 8 item kategori buruk ( $k_{wq} \leq 0.20$ ), 15 item kategori cukup ( $k_{wq}=0.21-0.40$ ), 7 item kategori sedang ( $k_{wq}=0.41-0.60$ ), dan 3 item kategori baik ( $k_{wq}=0.61-0.80$ ).

**Kesimpulan:** Secara keseluruhan *checklist* keterampilan *oral care* di PSIK FK UGM memiliki reliabilitas buruk. Hal ini diikuti dengan sebagian besar item *checklist* tersebut tidak *reliable*.

**Kata Kunci:** *Interrater Reliability, Checklist, OSCE, Percent Agreement, Kappa.*

## INTERRATER RELIABILITY OF ORAL CARE SKILL CHECKLIST IN NURSING SCIENCE PROGRAM FACULTY OF MEDICINE GADJAH MADA UNIVERSITY

### ABSTRACT

**Background:** Reliability assessment is required to determine the level of consistency of measurement instruments. Differences perception between examiners can happened, that may influence the consistency of the assessment between examiners. Reliability assessment of the oral care checklist instrument never has been done before in Nursing Science Program Faculty of Medicine Gadjah Mada University.

**Objective:** To determine the interrater reliability of oral care checklist in Nursing Science Program Faculty of Medicine Gadjah Mada University.

**Method:** This research was using descriptive quantitative non experimental as the research method and cross-sectional as the research design. The participants of this study are first-year students of School of Nursing UGM, totally 85 students. There are two raters who assessed oral care skill using two oral care checklist instrument. The results of two raters assessment were analyzed as in general and also per item of checklist. Data were processed using STATA 9 and analyzed using percent agreement, unweighted kappa (k) and quadratically weighted kappa ( $k_{wq}$ )

**Result:** Interrater reliability of oral care checklist on the unconscious patients as in general has a 'poor' categorized ( $k=0.1332$ ;  $PA=48.65\%$ ). The items of oral care checklist on the unconscious patients have 18 items with 'poor' category ( $k=<0.20$ ), 4 items with 'fair' category ( $k_{wq}=0.21-0.40$ ), 6 items with 'moderate' category ( $k_{wq}=0.41-0.60$ ), and 2 items with 'good' category ( $k_{wq}=0.61-0.80$ ). Interrater reliability of oral care of patients with denture checklist as in general has a 'poor' category ( $k=0.1969$ ;  $PA=64.58\%$ ). The items of these checklist have 8 items with 'poor' category ( $k_{wq}=<0.20$ ), 15 items with 'fair' category ( $k_{wq}=0.21-0.40$ ), 7 items with 'moderate' category ( $k_{wq}=0.41-0.60$ ), and 3 items with 'good' category ( $k_{wq}=0.61-0.80$ ).

**Conclusion:** Generally, interrater reliability of oral care checklist instrument has poor reliability. Most of the items of oral care checklist was not reliable.

**Keyword:** *Interrater Reliability, Checklist, OSCE, Percent Agreement, Kappa.*