

INTISARI

Mahasiswa kepaniteraan yang terdiri dari operator dan asisten operator merupakan kelompok tenaga kesehatan yang rentan terhadap penularan infeksi saat ekstraksi gigi sehingga membutuhkan tindakan kontrol infeksi. Tindakan kontrol infeksi menjadi lebih kompleks saat pandemi COVID-19. Tujuan penelitian untuk mengevaluasi kepatuhan tindakan kontrol infeksi sebelum ekstraksi gigi oleh mahasiswa kepaniteraan di klinik integrasi RSGM UGM Prof. Soedomo selama pandemi COVID-19.

Jenis penelitian ini deskriptif observasional dengan desain *cross sectional study*. Jumlah subjek 56 operator dan 56 asisten operator yang melakukan tindakan ekstraksi gigi di klinik integrasi RSGM UGM Prof. Soedomo. Data diambil dengan mengisi *checklist* tindakan kontrol infeksi sebelum ekstraksi gigi dan diolah dengan analisis *chi square*.

Hasil penelitian tindakan kontrol infeksi sebelum ekstraksi gigi yang belum maksimal oleh operator meliputi pelepasan aksesoris tangan (89,3%); pemakaian APD level II berupa *headcap* (39,3%), masker (41,1%), *disposable gown* (71,4%), *faceshield* (87,5%), sarung tangan (57,1%); mencuci tangan (78,6%); tidak memegang benda apapun (62,5%); mengeringkan tangan (83,9%); pemberian larutan *antimicrobial* (96,4%); tidak memegang instrumen tidak steril dan tidak meninggalkan ruang tindakan (64,3%). Tindakan kontrol infeksi yang belum maksimal oleh asisten operator meliputi pelepasan aksesoris tangan (89,3%); pemakaian APD level II berupa *headcap* (25%), masker (23,2%), *disposable gown* (71,4%), *faceshield* (82,1%), sarung tangan (60,7%); mencuci tangan (69,6%); mengeringkan tangan (78,6%); mempersiapkan instrumen (62,5%); wadah dan obat kumur (57,1%); jarum dan *syringe* (76,8%). Tindakan kontrol infeksi yang dilakukan 100% meliputi vaksinasi hepatitis B, penggunaan *scrub* dan sandal karet bersih, penempatan posisi pasien, tidak terdapat perbedaan bermakna pada kepatuhan tindakan kontrol infeksi antara operator dan asisten operator ($p \geq 0,05$).

Kata kunci: mahasiswa kepaniteraan, kontrol infeksi, ekstraksi gigi, APD.

ABSTRACT

Clinical Students which consist operator and assistant operator is group of health workers who are susceptible to infection transmission during tooth extraction so that infection control measures are required. Infection control measures are becoming more complex during the COVID-19 pandemic. This study aims to evaluate the compliance of infection control measures prior to tooth extraction by clinical students at the integration clinic of Prof. Soedomo dental and oral hospital during the COVID-19 pandemic.

This research is a descriptive observational study with a cross sectional study *design*. Total subject are each 56 operator and 56 assistant operator who performed dental extraction in the integration clinic of Prof. Soedomo dental and oral hospital. The data were collected by filling out a checklist of infection control measures before tooth extraction. The data were processed using the SPSS analysis program chi square.

The results showed that infection control measures that have not been maximized by the operator include removing hand accessories (89.3%); wearing head cap (39.3%), mask (41.1%), disposable gown (71.4%), faceshield (87.5%), gloves (57.1%); hand washing (78.6%); not holding any objects (62.5%); drying hands (83.9%); giving antimicrobial solution (96.4%); did not hold the instruments were not sterile and did not leave the room (64.3%). Infection control measures that were not maximal by operator assistants included removal of hand accessories (89.3%); wearing headcap (25%), mask (23.2%), dispossable gown (71.4%), faceshield (82.1%), gloves (60.7%); hand washing (69.6%); drying hands (78.6%); preparing instruments (62.5%); container and mouthwash (57.1%); needles and syringes (76.8%). Infection control measures that have been carried out 100% include hepatitis B vaccination, use of clean scrubs and rubber sandals, placement of the patient. There was no significant difference in compliance with infection control measures between operators and assistant operators ($p \geq 0.05$).

Key words: clinical students, infection control, tooth extraction, PPE