

ABSTRAK

Hariono Djuni Sasmito

KUALITAS UDARA RUANG *CONTINUOUS AMBULATORY PERITONEAL DIALYSIS (CAPD)* RSUD Dr. SAIFUL ANWAR MALANG TAHUN 2020

Karya Tulis Ilmiah : 1 X + 34 halaman + 5 tabel + 6 gambar

Ruang CAPD (*Continuous Ambulatory Peritoneal Dialysis*) merupakan ruangan *peritoneal dialysis (PD)* untuk pasien dengan gagal ginjal terminal. Tipikal dari ruangan ini tidak jauh beda dengan ruangan tindakan lainnya seperti ruang hemodialisa, endoskopi, bronchoscopy, ruang luka bakar. Data pasien tahun 2008 menunjukkan bahwa dari 172 orang 82 pasien telah meninggal dunia, 10 pasien pindah terapi HD dan 2 pasien melakukan transplatasi ginjal, hingga 6 bulan terakhir ini yang mendapatkan pelayanan CAPD sebanyak 81 pasien. Diantara 81 pasien CAPD terdapat 22 pasien CAPD diketahui pernah menderita komplikasi peritonitis. Penelitian ini bertujuan untuk menggambarkan kualitas udara ruang CAPD merupakan ruangan *peritoneal dialysis (PD)*.

Penelitian ini bersifat deskriptif melalui pendekatan *cross sectional* dengan melakukan observasi dan pengukuran. Penelitian dilakukan di 3 ruang tindakan CAPD RSUD Dr. Saiful Anwar Malang. Variabel yang diteliti meliputi suhu, kelembaban, pencahayaan, kebisingan, tekanan, kuman udara dan jamur.

Hasil menunjukkan suhu udara dan pencahayaan ruang tidak memenuhi syarat standar Permenkes No. 7 tahun 2019 serta diketahui adanya pertumbuhan jamur.

Disimpulkan bahwa ruang CAPD kurang memenuhi syarat dari segi fisik dan biologi. Saran kepada instansi terkait agar dilakukan perbaikan alat pendingin, pemberian tirai dan pembersihan ruang dengan desinfektan, sinar UV dan pemasangan HEPA Filter.

Kata Kunci : Suhu, Kelembaban, Pencahayaan, Kebisingan, Tekanan, TPC, Jamur.

Daftar Bacaan : 18 Buku (1995 – 2019)

ABSTRACT

Hariono Djuni Sasmito

AIR QUALITY *CONTINUOUS AMBULATORY PERITONEAL DIALYSIS (CAPD)*

ROOM Dr. SAIFUL ANWAR MALANG, 2020

Scientific Writing: 1 X + 34 pages + 5 tables + 6 pictures

The CAPD (*Continuous Ambulatory Peritoneal Dialysis*) room is a *peritoneal dialysis (PD)* room for patients with terminal kidney failure. Typical of this room is not much different from other action rooms such as hemodialysis room, endoscopy, bronchoscopy, burn space . Patient data for 2008 showed that out of 172 82 patients had died, 10 patients had switched HD therapy and 2 patients had kidney transplantation, up to the last 6 months receiving 81% of CAPD services. D iantara 81 CAPD patients are 22 CAPD patients known to me nderita complications of peritonitis.This study aims to describe the air quality of the CAPD room as a *peritoneal dialysis (PD)* room.

The research is descriptive approach to *cross sectional* by observation and measurement. The study was conducted in 3 CAPD action rooms of RSUD Dr. Saiful Anwar Malang. The variables studied included temperature, humidity, lighting, noise, pressure, airborne germs and mold.

The results show that air temperature and room lighting do not meet the Permenkes No. 7 of 2019 standard requirements and the growth of fungi is known .

It was concluded that the CAPD r money did not meet the physical and biological requirements. Suggestions to relevant agencies to make improvements to cooling equipment, providing curtains and cleaning the room with disinfectant, UV light and installation of HEPA Filters.

Keywords : Temperature, Humidity, Lighting, Noise, Pressure, TPC, Mushroom.

Reading List : 18 Books (1995 - 2019)