

ABSTRAK

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KUALITAS UDARA RUANGAN DI RSUD HUSADA PRIMA PROVINSI JAWA TIMUR

xvi + 50 Halaman + 1 Gambar + 18 Tabel

Kualitas mikrobiologi udara di ruang NICU dan ruang operasi melebihi standar baku mutu. Kualitas fisik di ruang NICU dan operasi melebihi standar baku mutu. Tujuan penelitian ini yaitu mengetahui kualitas mikrobiologi dan fisik udara di ruang NICU serta operasi RSUD Husada Prima Provinsi Jawa Timur.

Penelitian ini merupakan penelitian deskriptif dengan objek penelitian kualitas mikrobiologi dan fisik udara di ruang NICU serta operasi RSUD Husada Prima Provinsi Jawa Timur. Pengumpulan data pada penelitian ini dengan cara observasi, pengukuran lapangan, dan uji laboratorium. Hasil pengukuran akan dibandingkan dengan Permenkes RI No. 2 Tahun 2023.

Hasil pengambilan sampel mikrobiologi udara di ruang NICU, operasi 1, dan operasi 2 belum memenuhi syarat. Hasil pengukuran kualitas fisik udara yaitu suhu di ketiga ruangan, kelembaban di ruang NICU, pencahayaan, dan laju ventilasi di ketiga ruangan belum memenuhi syarat. Variabel yang memenuhi syarat yaitu kelembaban di kedua ruang operasi dan pencahayaan di meja operasi 2. Kondisi sarana dan bangunan rumah sakit di ketiga ruangan sudah memenuhi syarat.

Penelitian ini menyimpulkan bahwa kualitas udara ruangan di RSUD Husada Prima Provinsi Jawa Timur belum memenuhi syarat. Kondisi sarana dan bangunan dalam keadaan baik. Bagi pihak rumah sakit disarankan untuk melakukan pembersihan dan perbaikan AC secara rutin, penggunaan humidifier, dan menambah atau mengurangi pencahayaan sesuai dengan kebutuhan pada setiap ruangan.

Kata Kunci: Kualitas Udara Ruang, Ruang Operasi, NICU
Daftar Bacaan: 31 (2004 – 2023)

ABSTRACT

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ROOM AIR QUALITY IN HUSADA PRIMA HOSPITAL EAST JAVA PROVINCE

xvi + 50 Pages + 1 Figure + 18 Tables

The microbiological quality of air in the NICU and operating rooms exceeds the quality standards. Physical quality in the NICU and operating rooms exceeds the quality standards. The purpose of this study was to determine the microbiological and physical quality of air in the NICU and operating rooms of Husada Prima Hospital, East Java Province.

This research is a descriptive study with the object of research on microbiological and physical air quality in the NICU and operating rooms of Husada Prima Hospital, East Java Province. Data collection in this study by observation, field measurements, and laboratory tests. The measurement results will be compared with Permenkes RI No. 2 of 2023.

The results of air microbiology sampling in the NICU, operation 1, and operation 2 rooms have not met the requirements. The results of physical air quality measurements, namely temperature in the three rooms, humidity in the NICU room, lighting, and ventilation rate in the three rooms do not meet the requirements. The variables that meet the requirements are humidity in both operating rooms and lighting on the operating table 2. The condition of hospital facilities and buildings in the three rooms has met the requirements.

This study concludes that the air quality of the room at Husada Prima Hospital, East Java Province has not met the requirements. The condition of facilities and buildings is in good condition. The hospital is advised to clean and repair air conditioners regularly and add or reduce lighting according to the needs of each room.

Keywords: Room Air Quality, Operating Room, NICU

Reading List: 31 (2004 – 2023)