

**INSTITUT TEKNOLOGI DAN KESEHATAN  
MAHARDIKA FAKULTAS KESEHATAN  
PROGRAM STUDI ILMU KESEHATAN MASYARAKAT**

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**KONDISI FISIK RUMAH DENGAN KEJADIAN  
INFEKSI SALURAN PERNAPASAN AKUT PADA BALITA DI  
WILAYAH KERJA PUSKESMAS PESISIR KOTA CIREBON**

Xiv + 90 + 4 tabel + 2 bagan + 16 lampiran

**ABSTRAK**

Kondisi fisik rumah di wilayah kerja Puskesmas Pesisir Kota Cirebon masih ada yang tidak memiliki ventilasi udara kumuh dan hunian padat. Dengan kondisi tersebut akan menimbulkan resiko bermacam-macam penyakit pada balita, salah satunya Infeksi Saaluran Pernapasan Akut (ISPA). Penelitian ini bertujuan untuk mengetahui hubungan antara kondisi fisik rumah dengan kejadian ISPA pada balita di wilayah kerja Puskesmas Pesisir Kota Cirebon

Jenis penelitiannya observasional analitik dengan desain cross sectional. Instrumen yang di gunakan yaitu lembar observasi, meteran dan lux meter. Jumlah sampel sebanyak 78 orang di wilayah kerja Puskesmas Pesisir Kota Cirebon. Teknik pengambilan sampelnya menggunakan simple random sampling. Analisisnya dengan univariat dan bivariat serta uji statistiknya menggunakan uji chi-square.

Hasil penelitian menunjukkan bahwa lingkungan fisik rumahnya sebagian besar jumlah 53 (67,9%) yang tidak memenuhi syarat dan ISPA sebagian besar 48 (61,5%). Hasil uji statistik menggunakan uji chi-square diperoleh p-value=0,001<0,05 yang menunjukkan bahwa adanya hubungan kondisi fisik rumah dengan kejadian ISPA pada balita di wilayah kerja Puskesmas Pesisir Kota Cirebon

Hasil dari peneliti ini diharapkan dapat menambah pengetahuan dan mampu menemukan solusi dari kondisi fisik rumah yang mempengaruhi kejadian ISPA pada balita.

**Kata Kunci : Infeksi Saluran Pernapasan Akut, Kondisi Fisik Rumah, Balita**

**Daftar Pustaka : 2015-2020**

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**PHYSICAL CONDITIONS OF HOMES WITH THE INCIDENCE OF  
ACUTE RESPIRATORY TRACT INFECTIONS IN TODDLERS IN THE  
WORKING AREA OF THE PESISIR PUBLIC HEALTH CENTER IN  
CIREBON CITY**

Xiv + 90 + 4 table + 2 charts + 16 appendices

**ABSTRACT**

The physical condition of houses in the Pesisir Community Health Center (Puskesmas Pesisir) area of Cirebon City still lacks ventilation, is squalid and overcrowded. These conditions pose a risk of various illnesses in toddlers, one of which is Acute Respiratory Tract Infection (ARI). This study aims to determine the relationship between the physical condition of houses and the incidence of ARI in toddlers in the Pesisir Community Health Center area of Cirebon City.

This study was an observational and analytical study with a cross-sectional design. The instruments used were observation sheets, measuring tape, and a lux meter. The sample size was 78 people within the Pesisir Community Health Center (Puskesmas) in Cirebon City. Simple random sampling was used for the sampling. Univariate and bivariate analyses were conducted, and the chi-square test was used for statistical testing.

The results of the study showed that the physical environment of the house, mostly 53 (67.9%) did not meet the requirements and the majority of ISPA cases were 48 (61.5%). The results of the statistical test using the chi-square test obtained a p-value of  $0.001 < 0.05$ , which indicates that there is a relationship between the physical condition of the house and the incidence of ISPA in toddlers in the work area of the Pesisir Health Center, Cirebon City.

The results of this research are expected to increase knowledge and be able to find solutions to the physical conditions of the house that influence the occurrence of ARI in toddlers.

**Keywords: Acute Respiratory Tract Infection, Physical Condition of the House, Toddlers**

**Bibliography: 2015 - 2020**