

Pengaruh madu terhadap frekuensi batuk frekuensi napas dan bunyi napas balita dengan pneumonia = Effect of honey against cough frequency frequency of breath and breath sounds on children under five with pneumonia

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20415539&lokasi=lokal>

Abstrak

Balita pneumonia mengalami batuk napas cepat dan bunyi napas ronchi. Madu memiliki efek antimikroba dan antibodi yang dapat menghambat pertumbuhan agen mikroba penyebab pneumonia. Tujuan penelitian ini untuk mengetahui pengaruh pemberian madu terhadap frekuensi batuk, frekuensi napas dan bunyi napas balita pneumonia. Desain penelitian quasi experimental nonequivalent control group before after. Jumlah sampel 34 balita dengan teknik consecutive sampling. Analisis data menggunakan Marginal Homogeneity, Pair t Test, Mc Nemar, Kolmogorov Smirnov, Fisher Exact, dan Independent t test.

Hasil penelitian menemukan adanya perbedaan bermakna frekuensi batuk ($p:0,001$), frekuensi napas ($p:0,0001$), dan bunyi napas ($p=0,012$) antara kelompok kontrol dan kelompok intervensi sesudah pemberian madu. Rekomendasi penelitian adalah perlu menerapkan evidence based nursing practice pemberian madu pada balita pneumonia untuk menurunkan batuk, frekuensi napas, dan bunyi ronchi.

.....Children under five with pneumonia have cough, rapid breathing and breath sounds ronchi. Honey has antimicrobial effects and antibodies that can inhibit the growth of microbes that cause pneumonia agents. This study aims to determine the effect of honey on the frequency of cough, respiratory rate and breath sounds on children under five with pneumonia. Quasi-experimental research design nonequivalent control group before after. The sample number consist of 34 children with a consecutive sampling technique. Data analysis used Marginal Homogeneity, Pair t Test, Mc Nemar, Kolmogorov Smirnov, Fisher Exact and Independent t test. Results of the study showed significant differences in the frequency of cough ($p : 0.001$), respiratory rate ($p : 0.0001$), and breath sounds ($p : 0.012$) between the control and the intervention group. Recommendations research is need to implement evidence-based nursing practice giving honey to the children under five with pneumonia to reduce cough, respiratory rate, and breath sounds ronchi