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- Peningkatan Nutrisi Ibu Hamil di Indonesia: Pentingnya Peran Bidan di Desa dan Kader
- Produksi ASI Ibu dengan Intervensi *Acupressure Point for Lactation* dan Pijat Oksitosin
- Paket Dukungan terhadap *Breastfeeding Self Efficacy* dan Keberhasilan Menyusui pada Ibu Postpartum
- Efektivitas *Dzikralin* terhadap Penurunan Kecemasan dan Nyeri Persalinan Kula I Fase Aktif Ibu Primigravida
- Perubahan Keluhan Gejala Prahaid dengan Senam Aerobik
- Respons dan Koping Pasien Penderita Kanker Servik terhadap Efek Kemoterapi
- Pengalaman Orang Tua dalam Penggunaan Pengobatan Alternatif pada Anak yang Menderita Kanker di Jakarta
- GFR dan Kadar Timbal dalam Darah pada Pekerja POM Bensin Berdasarkan *δ-α1a1 Gene Polymorphisms*
- Sistem Diagnosa Level Asma Menggunakan *Fuzzy Inference System*
- *Prototype* Bangku Ergonomis untuk Memperbaiki Posisi Duduk Siswa SMAN di Kabupaten Gresik
- Modifikasi Pompa ASI sebagai Terapi Luka Bertekanan Negatif untuk Mempercepat Penyembuhan Luka Diabetes
- Penggunaan Teknik *Z-Track Air Lock* untuk Menurunkan Nyeri pada Prosedur Injeksi Intra Muskular
- *Cognitive Support* Meningkatkan Kadar CD4 pada Pasien HIV di Kota Kediri
- Pengalaman Keputusan *Stroke Survivor* di Kota Semarang
- Teknik Perawatan Luka Modern dan Konvensional terhadap Kadar Interleukin 1 dan Interleukin 6 pada Pasien Luka Diabetik
- Intervensi *VAP Bundle* dalam Pencegahan *Ventilator Associated Pneumonia* (VAP) pada Pasien dengan Ventilasi Mekanis
- Analisis Faktor Pelaksanaan *Trage* di Instalasi Gawat Darurat
- Model Peningkatan Perilaku *Caring* terhadap Pencapaian Kompetensi Mahasiswa pada Keperawatan Kritis
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- Efektivitas Implementasi Asuhan Keperawatan Isolasi Sosial dalam MPKP Jiwa terhadap Kemampuan Klien
- Pembedayaan Kesehatan dan Ekonomi Perempuan Penderita HIV/AIDS Melalui *Life Skill Education*
- Model Manajemen Perawatan untuk Meningkatkan Kepatuhan Minum Obat dan Status Gizi Pasien TB Paru

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A Nursing Management Model to Increase Medication Adherence and Nutritional Status of Patients with Pulmonary TB

Model Manajemen Perawatan Untuk Meningkatkan Kepatuhan Minum Obat dan Status Gizi Pasien TB Paru

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Abstract

Introduction: High dropout rate, inadequate treatment, and resistance to medication, still become an obstacle in the treatment of pulmonary TB. Pulmonary TB patient care management at home can be done actively through telenursing. N-SMSI (Ners-Short Message Service Intervention) is one of community nursing intervention, in which community nurses send short messages to remind patients to take medication and nutrition. The aim of this study was to analyze the effect of nursing management model N-SMSI to increased medication adherence and nutritional status of patients with pulmonary TB. **Method:** This study was used prospective design. The populations were new pulmonary TB patient at intensive phase, at Puskesmas Pegirian Surabaya. Samples were taken by purposive sampling technique; consist of 30 people, divided into treatment and control groups. The independent variable was N-SMSI. The dependent variables were medication adherence collected by using questionnaire and nutritional status by using measurement of body weight (kg). The data were then analyzed by using Wilcoxon Signed Rank Test, Mann Whitney, and Independent t-test with $\alpha=0.05$. **Result:** The results of wilcoxon signed rank test had showed difference in the nutritional status of the treatment group before and after intervention, with $p=0.001$. It's similar with the control group, with $p=0.002$. Mann whitney test results had showed no significant difference in nutritional status between treatment and control group, as indicated by the value of $p=0.589$. While independent t-test had showed difference in compliance between treatment and control group, with $p=0.031$. **Conclusion:** N-SMSI can improve medication adherence of patient with Pulmonary TB. This model can be developed by nurse as alternative methods to improve medication adherence in patients with Pulmonary TB. Further research should modify nursing management model which can improve the nutritional status of patient with Pulmonary TB.

Keyword : nursing, care, management, model, medication, adherence, nutritional, status, patient, with, pulmonary, TB,

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