LEMBAR PENGESAHAN

Judul	:	Pengaruh Kompres Dingin Terhadap Nyeri Akses Femoral pada Pasien Hemodialisis Rumah Sakit di Kabupaten Pekalongan
Nama	:	Nur Kholilah

Menerangkan bahwa abstrak ini telah diterjemahkan dalam Bahasa Inggris oleh Lembaga Pengembangan Bahasa dan Kerja Sama (LPBK), Universitas Muhammadiyah Pekajangan Pekalongan.

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Disahkan oleh,
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ABSTRACT

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The Effect of Cold Compress on Femoral Access Pain in Hemodialysis Patients at Hospitals in Pekalongan Regency

Background: Patients with chronic kidney failure who undergo hemodialysis need to have a device inserted to provide vascular access, which is then connected to the hemodialysis machine. Femoral access through a cannulation can lead to complications, such as pain. Patients experiencing pain require treatment such as cold compresses. This study aims to determine the effect of cold compresses on femoral access pain in hemodialysis patients.
Method: The design of this research is a quasi experiment with a two group post-test only. The study sample consisted of 20 chronic kidney failure patients undergoing hemodialysis with femoral access at Pekalongan District Hospital, using total sampling. This research instrument uses the Numerical Rating Scale (NRS). Data analysis was conducted using univariate analysis to calculate central tendency values, along with bivariate analysis using the Mann-Whitney test.
Result: Most respondents in both the intervention group and control group were male (70%). In the intervention group, 50% had completed elementary school education, while in the control group, 40% had graduated from high school, vocational school, or Islamic high school. The intervention group's average hemodialysis duration was 24.6 months, whereas the control group's average was 19.2 months. The average pain level from femoral access in the group that received cold compresses was 3.20, while the average pain level in the group that did not receive cold compresses was 5.20. Cold compresses significantly reduce femoral access pain in hemodialysis patients at Pekalongan District Hospital, with a p-value of 0.023.
Conclusion: Cold compresses are effective in reducing femoral access pain. Nurses can use cold compresses around the femoral access site in patients undergoing hemodialysis to help reduce pain.

Keywords: *femoral access, chronic renal failure, hemodialysis, cold compress, pain*
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