ABSTRACT

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Effectiveness of Red Onnion Compresses (*Allium Cepa Var Aggregatum*) to Join Paint Levels On Elderly at Panti Sosial Tresna Werdha Warga Tama Indralaya

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Background: *Gout arises from the level of uric acid in the blood above the normal value because the production of uric acid in the body is excessive or its disposal through the kidneys decreases, so it accumulates in the joint cavity in the form of crystals and causes inflammation and pain in the joints. Pain can affect daily activities and can be minimized using onion compresses*
Aim: *To analyze effectivity* of *red onnion compresses (allium cepa var aggregatum) to join paint levels on elderly at Panti Sosial Tresna Werdha Warga Tama Indralaya.*
Method: *Quasy Experiment with the design of Non Equivalent Control Group to 20 respondents with total sampling technique and analyzed using Wilcoxon and Mann Whitney tests*
Result: *The majority are in the elderly and female. The level of joint pain in the pretest control group was severe pain (60%) and posttest namely severe pain (70%), while the pretest intervention group was moderate pain (70%) and posttest namely mild pain (80%). The Wilcoxon test showed a significant difference in the level of pain in the intervention group (p = 0.004) and the difference in pain levels was not significant in the control group (p = 0.317). The Mann Whitney test showed a significant difference in the level of posttest pain between the intervention group and the control group (p <0.001). Giving a red onion compress is effective in decreasing the level of joint pain in elderly gout sufferers with an average value of the pain level of the control group greater than the average value of the intervention group.*
Conclusions and Suggestions: *The effectiveness of red onion compresses in reducing pain levels is recommended for use in elderly people with gout.*

Keywords: *Compress red onion (allium cepa var aggregatum), joint pain, elderly people with gout.*