

**APPLICATION OF FOOT MASSAGE TO HEMODYNAMIC
STATUS IN VENTILATOR PATIENTS IN ICU RSUD
Ir.SOEKARNO SUKOHARJO**

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ABSTRACT

Background: Critical ICU patients have various medical conditions, therefore ICU patients can be equated with the word "passive" because they stabilize their hemodynamic state through the installation of various monitoring and life support devices, one of which is a ventilator. Ventilator-attached patients can cause stress reactions in the body that lead to instability in hemodynamic status. Efforts that are generally made to maintain hemodynamic stability are still dominated by pharmacological therapy, on the one hand non-pharmacological therapy can help optimize, such as giving foot massage. **Objective:** Knowing the results of applying foot massage to hemodynamic status in patients with ventilators installed in ICU Ir. Soekarno Sukoharjo. **Methods:** This type of research is a descriptive case study. The application was carried out on 2 patients selected by purposive sampling method with inclusion and exclusion criteria. Foot massage is done for 40 minutes 1x/day for 2 days. The research instrument used SOP foot massage, hemodynamic status observation sheets, and informed consent. The research has gone through an ethical test with number 082/V/AUEC/2023. **Result:** There was a decrease in hemodynamic status in the parameters of blood pressure, MAP, HR, RR, and increased SPO2 in patient I (Mr.G) and a decrease in hemodynamic status in the parameters of blood pressure, MAP, HR, RR, and stable SPO2 in patient II (Mr.J). **Conclusion:** There is a change in hemodynamic status in patients who are attached to a ventilator in the ICU of Ir. Soekarno Sukoharjo Hospital after being given a foot massage.

Keyword: Foot Massage; Hemodynamic Status; Mechanical Ventilation; Intensive Care Unit