

**APPLICATION OF FOOT MASSAGE TO HEMODYNAMIC STATUS OF
VENTILATOR PATIENTS IN THE ICU ROOM
PANDAN ARANG HOSPITAL BOYOLALI**

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ABSTRACT

Background: Of the 16 ICU in hospitals in Asian countries including Indonesia, there are 1285 patients on ventilators and 575 patients have died. Ventilators are tools that are often used in critical patients in ICU. Based on data from the report of Pandan Arang Boyolali Hospital on December 25, 2023-January 20, 2024, there are 11 patients who are on ventilators in the ICU. Conditions in patients that often occur in the ICU room are unstable hemodynamics characterized by increased MAP, HR, and RR, as well as decreased saturation. Efforts that can be made to stabilize hemodynamics in addition to the use of ventilators can be done by means of non-pharmacological therapy, one of which is by massaging the feet. **Objective:** to learn about the application of foot massage to hemodynamic status, patients are placed on ventilators in the ICU room of Pandan Arang Hospital, Boyolali. **Method:** The application design used is a descriptive design in the form of a case study. **Results:** There was an improvement in hemodynamic status in blood pressure, MAP, HR, RR, and SpO2 parameters in both patients. **Conclusion:** The development of hemodynamic status before and after being given the application of foot massage 1 time a day for 2 consecutive days there was an improvement in hemodynamic status to be good with high blood pressure and MAP results of both patients (TD>120/80mmHg and MAP>100mmHg), normal respiration (>20x/min), normal HR (60-100x/min), and normal SpO2 with the help of a ventilator (>95%).

Keywords: Foot Massage, Hemodynamic Status, Ventilator