

ABSTRACT

The Effect of Effleurage Massage Using Olive Oil on the Prevention of Pressure Ulcers in Post-Craniotomy Patients in the ICU at Asoka RST Tk.II Dr. Soepraoen, Malang. Salsabila Dwiba Nur Anggraini (2026) Final Nursing Thesis, Department of Nursing, Ministry of Health Health Polytechnic, Malang. Advisor: Rudi Hamarno, S.Kep., Ns., M.Kep.

Skin integrity impairment is damage to the skin layers caused by pressure, friction, or prolonged immobilization. This problem frequently occurs in post-craniotomy patients with impaired consciousness and immobilization, which increases the risk of pressure ulcers. This study aims to analyze nursing care for skin integrity impairment through the application of effleurage massage using olive oil in post-craniotomy patients. The study employed a case study method involving a single patient over three days (February 16–18, 2026). Data collection was conducted through interviews, observations, physical examinations, and a review of medical records. The assessment revealed that the patient was in a comatose state, completely bedridden, with redness in the sacral area, dry-appearing skin, and a Braden score of 9 (very high risk of pressure ulcers). The intervention consisted of monitoring skin condition, repositioning every 2 hours, skin care, and effleurage massage using olive oil. The results showed that the redness in the sacral area did not spread, the skin remained moist, no further tissue damage was found, and the Braden score increased from 9 to 11. Based on these results, the application of effleurage massage using olive oil was able to help maintain skin integrity and prevent the worsening of skin condition in a post-craniotomy patient. It is hoped that nurses can implement this intervention as a supportive measure in the prevention of pressure ulcers in patients with prolonged immobilization.

Keywords: effleurage massage, olive oil, skin integrity impairment, pressure ulcers, post-craniotomy.