

POLITEKNIK KESEHATAN TANJUNGPURWATI  
JURUSAN KEPERAWATAN  
PROGRAM STUDI PROFESI NERS  
Laporan Tugas Akhir Ners, Mei 2022

Ulfa Novliza

**ASUHAN KEPERAWATAN PERIOPERATIF PADA PASIEN  
OSTEOARTHRITIS DENGAN TINDAKAN *TOTAL KNEE  
REPLACEMENT* DI RSUD JENDERAL AHMAD YANI METRO  
TAHUN 2022**

xii + 78 halaman, 15 tabel, 3 gambar dan 4 lampiran

**ABSTRAK**

Osteoarthritis merupakan masalah musculoskeletal yang sering mengenai lansia. Prevalensi penderita osteoarthritis di dunia pada tahun 2019 mencapai 500 juta jiwa. Di Amerika terdapat lebih dari 32,5 juta jiwa yang menderita osteoarthritis. Angka kejadian osteoarthritis di Indonesia menurut data Rikerdas tahun 2018 mencapai 5% pada usia <40 tahun, 30% pada usia 40-60 tahun dan 65% pada usia >61 tahun. Angka kejadian osteoarthritis di RSUD Jenderal Ahmad Yani Metro tahun 2020 yang tercatat di poli orthopedi sebanyak 445 kasus. Tujuan Laporan Tugas Akhir ini melaksanakan asuhan keperawatan perioperatif dengan tindakan *Total Knee Replacement* pada pasien osteoarthritis di RSUD Jendral Ahmad Yani Metro Tahun 2022. Metode laporan tugas akhir ini *case report*. Asuhan keperawatan perioperatif ini mencakup tiga tahapan yaitu, pre, intra dan post operatif. Subjek laporan satu orang pasien dewasa dengan diagnosa Osteoarthritis. Asuhan keperawatan dilakukan di ruang perawatan dan ruang IBS RSUD Jendral Ahmad Yani Metro pada tanggal 15-18 Maret 2022. Berdasarkan hasil pengkajian dirumuskan diagnosa keperawatan pre operatif, nyeri kronis dan ansietas, intra operatif, risiko perdarahan dan post operatif, risiko hipotermia perioperatif, nyeri akut dan gangguan mobilitas fisik. Intervensi keperawatan yang dilakukan sesuai dengan literatur dan SOP baik dilakukan secara mandiri maupun kolaborasi. Evaluasi dari setiap diagnosa keperawatan menunjukkan hasil sesuai kriteria skala nyeri menurun, pasien tidak cemas, tidak terjadi perdarahan, pasien tidak hipotermia dan mobilitas pasien meningkat. Ditemukan risiko hipotermia perioperatif pada pasien post operatif sehingga dapat disarankan untuk RSUD Jenderal Ahmad Yani meningkatkan penyediaan selimut penghangat di ruang Instalasi Bedah Sentral.

Kata Kunci : *Total Knee Replacement*, Osteoarthritis, Perioperatif  
Daftar Refrensi : 30 (2014-2021)

TANJUNGPOLYTECHNIC OF HEALTH  
TANJUNGPOLY SCHOOL OF NURSING  
NERS PROFESSIONAL STUDY  
Final Professional Nurse report, May 2022

Ulfa Novliza

**PERIOPERATIVE NURSING CARE FOR OSTEOARTHRITIS PATIENTS WITH TOTAL KNEE REPLACEMENT MEASURES AT THE GENERAL HOSPITAL AHMAD YANI METRO IN 2022**

xii + 78 pages, 17 tables, 3 pictures and 4 attachments

**ABSTRACT**

Osteoarthritis is a musculoskeletal problem that often affects the elderly. The prevalence of osteoarthritis sufferers in the world in 2019 reached 500 million people. In America, there are more than 32,5 million people who suffer from osteoarthritis. The incidence of osteoarthritis in Indonesia according to Rikerdas data in 2018 reached 5% at the age <40 years, 30% at the age 40-60 years, and 65% at the age >61 years. The incidence of osteoarthritis at the General Ahmad Yani Metro Hospital in 2020 which was recorded at the orthopedic polyclinic was 445 cases. The purpose of this Final Project is to carry out perioperative nursing care with Total Knee Replacement for osteoarthritis patients at General Hospital Ahmad Yani Metro in 2022. The method of this final project report is a case report. Perioperative nursing care includes three stages, namely, pre-operative, intraoperative, and postoperative. The subject of the report is an adult patient with a diagnosis of Osteoarthritis. Nursing care was carried out in the treatment room and IBS room at RSUD Jendral Ahmad Yani Metro on 15-18 March 2022. Based on the results of the assessment, preoperative nursing diagnoses, chronic pain, and anxiety, intraoperative, bleeding and postoperative risks, perioperative hypothermia risk, and pain were formulated. acute and impaired physical mobility. Nursing interventions carried out by the literature and SOPs were either carried out independently or in collaboration. The evaluation of each nursing diagnosis showed that the results according to the criteria of the pain scale decreased, the patient was not anxious, there was no bleeding, the patient was not hypothermic and the patient's mobility increased. The risk of perioperative hypothermia was found in postoperative patients so it can be suggested for general hospital Jendral Ahmad Yani to increase the provision of heating blankets in the Central Surgical Installation room.

Keyword : *Total Knee Replacement, Osteoarthritis, Perioperative*  
Reference List : 30 (2014-2021)