

LAPORAN ILMIAH AKHIR

**ASUHAN KEPERAWATAN PADA PASIEN POST AMPUTASI PROXIMAL
FEMUR SINISTRA ATAS INDIKASI GANGREN PEDIS
DENGAN PENERAPAN CENTRAL VENOUS CATHETER BUNDLE
DALAM MENCEGAH CENTRAL LINE ASSOCIATED BLOOD
STREAM INFECTION DI RUANGAN INTENSIVE
CARE UNIT RSUP DR. M. JAMIL
PADANG**

PEMINATAN KEPERAWATAN GAWAT DARURAT



PROGRAM STUDI PROFESI NERS

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Nama : Indah Permata Astrielly, S.Kep
No. BP : 1841312034

Asuhan Keperawatan pada Pasien Post Amputasi Proximal Femur Sinistra atas indikasi Gangrene Pedis dengan Penerapan *Central Venous Catheter Bundle* dalam mencegah *Central Line Associated Bloodstream Infection*

di Ruangan Intensive Care Unit
RSUP DR. M. Djamil
Padang

UNIVERSITAS ANDALAS
ABSTRAK

Gangrene diabetik memerlukan tindakan amputasi yang bertujuan untuk mengangkat jaringan yang mati dan mencegah penyebaran infeksi ke organ yang sehat. Amputasi pada femur sering disertai perdarahan masif yang dapat berujung kematian jika tidak ditangani secara tepat, untuk itu diperlukan CVC (*Central Venous Chateter*) *Bundle* untuk mencegah CLABSI (*Central Line Associated Bloodstream Infection*) dan *maintenance* cairan. Tujuan penulisan laporan ilmiah ini adalah untuk membahas asuhan keperawatan pada pasien post amputasi proximal femur sinistra atas indikasi gangrene pedis dengan penerapan CVC *Bundle*. Metode yang digunakan adalah studi kasus dengan mengikuti proses keperawatan. Diagnosa keperawatan pada pasien adalah gangguan pertukaran gas, hipovolemia, ketidakstabilan kadar gula darah, resiko infeksi dan resiko syok. Intervensi yang diberikan yaitu manajemen ventilasi mekanik : invasif, manajemen asam-basa, resusitasi cairan, managemen hipovolemia, pengaturan haemodinamik, managmen hipoglikemia dan hiperglikemia, perlindungan infeksi, perawatan amputasi, pencegahan syok dan kontrol infeksi dengan melakukan perawatan CVC. Hasil pemantauan gangguan pertukaran gas, hipovolemia, ketidakstabilan kadar gula darah, dan resiko syok cenderung tidak membaik karena perburukan kondisi pasien, namun resiko infeksi pada daerah CVC dapat dicegah dan tidak ditemukan tanda-tanda infeksi *central line* (CLABSI). Disarankan bagi perawat ICU rumah sakit untuk membuat standar operasional prosedur CVC *Bundle* dan melaksanakan bagian ke lima CVC *Bundle* setiap hari.

Kata kunci : Post amputasi proximal femur, CVC *Bundle*, CLABSI
Referensi : 35 (2009–2018)

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ANDALAS UNIVERSITY
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Name : Indah Permata Astrielly, S.Kep
Registered Number : 1841312034

Nursing care for Proximal Femur Sinistra Post Amputation Patients on indications of Gangrene Pedis with the Implementation of Central Venous Catheter Bundle in preventing Central Line Associated Bloodstream Infection in the Intensive Care Unit Room

*RSUP DR. M. Djamil
Padang*

ABSTRAK

Diabetic gangrene requires an amputation action that aims to remove dead tissue and prevent the spread of infection to healthy organs. Amputation of the femur is often accompanied by massive bleeding that can lead to death if it is not handled properly, so CVC (Central Venous Chateter) Bundle is needed to prevent CLABSI (Central Line Associated Bloodstream Infection) and fluid maintenance. The purpose of writing this scientific report is to discuss nursing care in patients with post-proximal femoral amputation over the indication of gangrene pedis by applying CVC Bundle. The method used is a case study by following the nursing process. Nursing diagnoses in patients are gas exchange disorders, hypovolemia, instability of blood sugar levels, risk of infection and risk of shock. The interventions given are mechanical ventilation management: invasive, acid-base management, fluid resuscitation, management of hypovolemia, haemodynamic regulation, management of hypoglycemia and hyperglycemia, infection protection, amputation treatment, shock prevention and infection control by CVC treatment. The results of monitoring of gas exchange disorders, hypovolemia, instability of blood sugar levels, and risk of shock tended not to improve because of the deterioration in the patient's condition, but the risk of infection in the CVC area could be prevented and no signs of cental line infection (CLABSI) were found. It is recommended for hospital ICU nurses to create operational standards for CVC Bundle procedures and carry out the fifth part of CVC Bundle every day.

Keywords: *Proximal femur amputation post, CVC Bundle, CLABSI*

Reference: 35 (2009–2018)