POLITEKNIK KESEHATAN TANJUNGKARANG
JURUSAN KEPERAWATAN TANJUNGKARANG
PRODI DIII KEPERAWATAN TANJUNGKARANG

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ASUHAN KEPERAWATAN GANGGUAN KEBUTUHAN OKSIGENASI PADA PASIEN GUILLAIN BARRE SYNDROME DI RUANG ICU RSUD JENDERAL AHMAD YANI KOTA METRO TAHUN 2022

xiv + 75 halaman + 9 tabel + 1 gambar + 5 lampiran

ABSTRAK

Kebutuhan fisiologis akan oksigen merupakan kebutuhan yang diperlukan untuk kelangsungan metabolisme tubuh. Pemenuhan akan oksigen dapat terganggu apabila adanya gangguan pernapasan seperti gagal napas, kondisi yang dapat memicunya yaitu penyakit Guillain barre syndrome (GBS). World Health Organization (WHO, 2016) Prevalensi GBS secara global masih menggunakan data tahun 2000-an. US Centers for Disease Control and Prevention (CDC) melaporkan bahwa GBS termasuk penyakit yang jarang, di mana setiap tahun terjadi pada 1 sampai 4 penderita per 100.000 populasi di seluruh dunia per tahunnya. Tujuan asuhan keperawatan ini adalah untuk menggambarkan asuhan keperawatan pada pasien *Guillain Barre Syndrome* dengan gangguan pemenuhan kebutuhan oksigenasi. Metode penulisan dengan pendekatan asuhan keperawatan yang dilaksanakan pada tanggal 14-19 Pebruari 2022 di ruang ICU RSUD Jenderal Ahmad yani Metro. Hasil pengkajian pola napas pasien 32x/menit irama napas cepat dan dangkal, terpasang ETT yang terhubung dengan ventilator, nilai analisa gas darah pH: 7,016, PCO2: 81,8 mmHg, PO2 230 mmHg, SPO2 94 %. Diagnosa keperawatan gangguan pertukaran gas dengan intervensi keperawatan utama pemantauan respirasi, terapi oksigen dan pemantauan ventilasi mekanik. Hasil dari implementasi monitor pola napas dan nilai AGD serta pemberian oksigen tambahan, kondisi pasien membaik dibuktikan dengan perbaikan nilai analisa gas darah, pH: 7,25, PCO2: 59mmHg, PO2: 155mmHg, SPO2: 99% pola napas 20x/menit. Penulis menyarankan untuk melakukan pemantauan respirasi, terapi oksigen dan manajemen ventilasi mekanik.

Kata Kunci : Oksigenasi, *Guillain Barre Syndrome*, ventilasi mekanik
Bahan Bacaan : (2010-2022)

TANJUNG KARANG HEALTH POLYTECHNIC
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NURSING CARE OF OXYGENATION NEED DISORDERS IN GUILLAIN BARRE SYNDROME PATIENTS IN ICU GENERAL HOSPITAL AHMAD YANI METRO CITY YEAR 2022

xiv + 75 pages + 9 tables + 1 picture + 5 attachments

ABSTRACT

The physiological need for oxygen is a necessary requirement for the survival of the body's metabolism. Fulfillment of oxygen can be disrupted if there is a respiratory disorder such as respiratory failure, a condition that can trigger it is Guillain Barre syndrome (GBS). World Health Organization (WHO, 2016) The prevalence of GBS globally still uses data from the 2000s. The US Centers for Disease Control and Prevention (CDC) reports that GBS is a rare disease, which annually occurs in 1 to 4 sufferers per 100,000 population worldwide per year. The purpose of this nursing care is to describe nursing care for Guillain Barre Syndrome patients with impaired oxygenation needs. The writing method with a nursing care approach was carried out on February 14-19 2022 in the ICU room of RSUD Jenderal Ahmad Yani Metro. The results of the assessment of the patient's breathing pattern are 32x/minute, fast and shallow breathing rhythm, an ETT is connected to the ventilator, the value of blood gas analysis is pH: 7.016, PCO2: 81.8 mmHg, PO2 230 mmHg, SPO2 94%. Nursing diagnosis of gas exchange disorders with the main nursing interventions are respiratory monitoring, oxygen therapy and mechanical ventilation monitoring. The results of the implementation of monitoring breathing patterns and AGD values as well as giving additional oxygen, the patient's condition improved as evidenced by the improvement in the value of blood gas analysis, pH: 7.25, PCO2: 59mmHg, PO2: 155mmHg, SPO2: 99% breathing pattern 20x/minute. The authors suggest monitoring of respiration, oxygen therapy and management of mechanical ventilation.

Keywords *: Oxygenation, Guillain Barre Syndrome, mechanical ventilation*
Reading Materials *: (2010-2022)*