

## ABSTRAK

UNIVERSITAS MUHAMMADIYAH JEMBER  
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FAKULTAS ILMU KESEHATAN

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Pengkajian dan Diagnosis Keperawatan pada Neonatus dengan Hipoglikemia di  
Ruang NICU RSUD dr. H. Koesnadi Bondowoso

XII + 100 hal + 15 tabel + 5 lampiran

### Abstrak

**Pendahuluan:** Hipoglikemia neonatal merupakan gangguan metabolik yang berpotensi menyebabkan gangguan neurologis permanen apabila tidak terdeteksi dan ditangani secara cepat. Kondisi ini sering kali asimtomatik atau menunjukkan gejala nonspesifik sehingga pengkajian dan diagnosis keperawatan yang sistematis sangat penting untuk dilakukan. Penelitian ini bertujuan untuk mendeskripsikan hasil pengkajian dan diagnosis keperawatan pada neonatus dengan hipoglikemia menggunakan pendekatan proses keperawatan. **Metode:** Penelitian ini menggunakan desain studi kasus dengan pendekatan proses keperawatan pada tiga neonatus yang didiagnosis hipoglikemia di ruang NICU RSUD dr. H. Koesnadi Bondowoso. Data dikumpulkan melalui observasi langsung, wawancara terstruktur dengan orang tua serta telaah dokumen medis. Validitas data diperkuat dengan triangulasi metode, triangulasi teori member check dan peer debriefing. **Hasil:** Pengkajian menunjukkan semua neonatus mengalami kadar glukosa darah <45 mg/dL disertai gejala seperti letargi, hipotermia dan tremor. Diagnosis keperawatan yang ditegakkan meliputi ketidakstabilan kadar glukosa darah, hipotermia, risiko cedera, risiko perfusi serebral tidak efektif, risiko defisit nutrisi dan risiko gangguan perkembangan. **Diskusi:** Hasil penelitian ini menegaskan pentingnya pengkajian menyeluruh dan diagnosis keperawatan yang akurat dalam mendukung pengambilan keputusan klinis, pencegahan komplikasi serta peningkatan kualitas asuhan pada neonatus dengan hipoglikemia.

**Kata Kunci:** Diagnosis Keperawatan, Hipoglikemia Neonatus, Pengkajian Keperawatan

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UNIVERSITY OF MUHAMMADIYAH JEMBER  
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*Assessment and Nursing Diagnosis of Neonates with Hypoglycemia in the Nicu  
Ward of RSU Dr. H. Koesnadi Bondowoso*

*XII + 100 pages + 15 tables + 5 appendices*

### **Abstract**

**Introduction:** Neonatal hypoglycemia was a metabolic disorder that had the potential to cause permanent neurological damage if not detected and treated promptly. This condition was often asymptomatic or presented with nonspecific symptoms making systematic nursing assessment and diagnosis critically important. This study aimed to describe the results of nursing assessment and diagnosis in neonates with hypoglycemia using a nursing process approach.

**Methods:** This study employed a case study design with a nursing process approach on three neonates diagnosed with hypoglycemia in the NICU of RSU Dr. H. Koesnadi Bondowoso. Data were collected through direct observation, structured interviews with parents, and review of medical records. Data validity was strengthened using method triangulation, theoretical triangulation, member checking, and peer debriefing.

**Results:** The assessment revealed that all neonates experienced blood glucose levels of  $<45$  mg/dL accompanied by symptoms such as lethargy, hypothermia, and tremors. The nursing diagnoses established included unstable blood glucose levels, hypothermia, risk of injury, ineffective cerebral perfusion, risk of nutritional deficit, and risk of developmental delays.

**Discussion:** The findings highlighted the importance of comprehensive assessment and accurate nursing diagnoses in supporting clinical decision-making, preventing complications, and improving the quality of care for neonates with hypoglycemia.

**Keywords:** Nursing Diagnosis, Neonatal Hypoglycemia, Nursing Assessment