

NURSING CARE FOR TODDLERS WITH GASTROENTERITIS {GEA} OF DR. SOEDOMO RSUD TRENGGALEK REGIONAL HOSPITAL

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ABSTRACT

Hendri Dermawan (2026). Nursing Care for a Toddler with Acute Gastroenteritis (GAE) in the Dahlia Ward of Dr. Soedomo Regional General Hospital, Trenggalek. Descriptive Case Study Scientific Paper. Diploma III Nursing Study Program, Trenggalek, Nursing Department, Health Polytechnic, Ministry of Health, Malang. Supervisor: Awan Hariyanto, S. Kep. Ns. M. Kes.

Background: Acute Gastroenteritis (GAE) remains a major health problem in children, which can lead to serious dehydration if not treated promptly. Toddlers are particularly vulnerable due to their immature immune systems. Objective: This case study aims to describe nursing care for a toddler with GEA in the Dahlia Ward of Dr. Soedomo Regional General Hospital, Trenggalek.

Method: This study used a descriptive case study design with a toddler (An. F) experiencing GEA as the participant. Data were collected through interviews, observations, and documentation studies over three days of care in April 2026.

Results: The assessment revealed the patient had more than 10 loose stools, nausea, vomiting, and signs of mild to moderate dehydration, such as poor skin turgor (>2 seconds) and dry mucous membranes. The main nursing diagnoses raised are hypovolemia related to loss of electrolyte fluids, diarrhea related to infectious processes and nutritional deficits related to psychological factors. Interventions included diarrhea management, fluid monitoring, and collaborative pharmacological therapy (Zinc, Liprolac, and KAEN 3B infusion). Evaluation on the third day showed that the hypovolemia problem resolved, with stable vital signs and reduced bowel frequency, while the nutritional problem partially resolved.

Conclusion: The implementation of appropriate nursing care and collaboration with the medical team were effective in addressing the problem of fluid deficiency in toddlers with AE. Families were advised to maintain food hygiene and provide adequate fluid intake at home.

Keywords: Nursing Care, Toddler, Acute Gastroenteritis (AE), Hypovolemia.