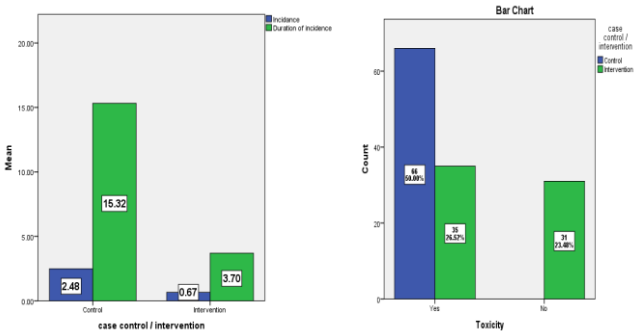
Enhancing A Nursing Care Guidelines Improves ALL Patients' Outcome; A Developing Country Experience

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Abstract (300-word limit)

Statement of the Problem: Pediatric Cancer patients are treated with therapeutic research protocols that detail medical treatment in low- and middle-income countries (LMICs). Unfortunately, there is no precise definition of a structured nursing care plan that is mandatory to enhance the quality of care needed for these patients. The purpose of this study is to examine the impact of implementing a designed nursing care guidelines (NCG) on acute lymphoblastic leukemia (ALL) patient outcomes during the induction phase concerning; incidence, duration, and intensity of the patient's gastrointestinal tract GIT adverse events. Methodology: A Quasi-experimental research design was conducted at the Hematology Units of Children Cancer Hospital Egypt 57357. A total of (132) patients with ALL in induction phase were enrolled in the study and were divided into two groups: group 1 (intervention group) was implemented the nursing care guidelines and group II (control group) who was left to the routine hospital care. Tools: "patient outcomes audit chart" to assess the GIT adverse – events data: the incidence, duration, and intensity. The intensity grading of the adverse events Adopted from the NCI (National Cancer Institute) Common Terminology Criteria for Adverse Events v4.0, 2009. Findings: A significant positive correlation between implementing the NCG and GIT adverse events incidence, duration and severity were observed. Incidence was reported higher in the control group than the study group with a mean score of ±SD (2.48± 0.949) versus (0.67± 0.751) respectively, and a p-value (P<0.0001). The duration of incidence was (15.32± 5.920) versus (3.70± 5.108) in the intervention group and a p-value (P<0.0001). The intensity grading of the adverse events was less in the study group than the control. Conclusion: Designing and implementing NCG for all treatment protocols is essential for the enhancement of patients' outcomes. Developing a pediatric oncology nurse residency program in LMIC is mandatory.

Image



Recent Publications (minimum 5)

1. NCI (National Cancer Institute) (2009), Common Terminology Criteria for Adverse Events v4.0.
2. Steela N, Abdelhamida A, Stokesb T, et al (2014) A review of clinical practice guidelines found that they were often based on evidence of uncertain relevance to primary care patients. Journal of Clinical Epidemiology 1251- 1257.
3. Abdelhamid Attia (2013) Adaptation of international evidence based clinical practice guidelines: The ADAPTE process. Middle East Fertility Society Journal, 123-126.
4. Jaquelina Hewitt-Taylor (2004) Clinical guidelines and care protocols. Intensive and Critical Care Nursing 45—52.
5. Steven W, Holger J, Martin P, Jeremy M and Paul S(2014) Developing clinical practice guidelines: types of evidence and outcomes; values and economics, synthesis, grading, and presentation and deriving recommendations ,Implementation Science, 7:61



Biography (150 word limit)

Nesreen Fathy is a registered nurse with over20 years of clinical, education, managerial and research experience. She has her expertise in develop, promote and disseminate a nursing research culture that uses evidence based nursing practice to continuously improve the quality of nursing care by putting knowledge into action to improve the nurse's competency and improve patient outcome. she uses the nursing research as a strategy to achieve excellence in pediatric oncology nursing and quality cancer care to improve the patient outcomes. Thereby creating a direct link between science, education, quality, and practice to develop the nursing profession in pediatric oncology particular and cancer in general. She is a pioneer to lead development of the first nursing research and evidence-based practice unit in a clinical practice setting (hospital) in Egypt and MENA region. She has an outstanding academic background that includes a Ph.D. in Nursing Administration at Cairo University, Egypt. Moreover, she is a certificated in Principles and practice of clinical research from Harvard Medical School.

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Notes/Comments: