

Abstract:

Objective: A peripherally inserted central catheter (PICC) needs regular care. However, clinical observations found that some discharged leukemia patients in mainland China had not complied with the requirement of regular care. Our study aims to explore the facilitators and hindrances of regular cares of PICC in leukemia patients with the Colaizzi phenomenon analysis.

Methods: This qualitative report used the descriptive phenomenological method to collect information and was conducted in accordance with the COREQ checklist. By purposive sampling, 11 leukemia patients with PICC were selected and interviewed in the Department of Hematology of a first-class hospital in Wuhan (central China). The interviews were conducted from March 2016 to May 2017.

Results: Two facilitators for PICC care were extracted through interviews, including fear of nosocomial infection and convenience for treatment. Eleven hindrances were summarized, including high costs, unavailability of local services, worries about affecting family members, a lack of health awareness, inconvenient transportations, fluke minds, physical discomfort, fears of leukemia and chemotherapy, short chemotherapy intervals, damage to appearance, and no insurance coverage of costs.

Conclusion: Leukemia patients' compliance with PICC care was hindered by several factors. The improvement of PICC care may need joint efforts of patients, nursing professionals, hospitals' managerial staff, and governments.

Reference:

Ai YT, Hu H, Yang CM, Zhou X, Yang XY, Ren HR, Huang YY. Hindrances of peripherally inserted central catheter care of leukemia patients: a qualitative study. *Support Care Cancer*. 2021 Jan 7. doi: 10.1007/s00520-020-05941-9. Epub ahead of print. PMID: 33409725.