

## Improving the Patient Guidance Satisfaction and Integrity of Patients Hospitalized in Iodine-131 Isolation Rooms

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**Abstract :** Objective: The study aimed to improve the patient guidance satisfaction of patients hospitalized in iodine-131 isolation rooms, as well as the patient guidance completion rate for such patients. Method: A patient care guidance checklist and patient care guidance satisfaction questionnaire were administered to 29 patients who had previously been hospitalized in iodine-131 isolation rooms. The evaluation was conducted on a one-on-one basis, and its results showed that the patients' satisfaction with patient guidance was only 3.7 points and that the completion rate for the patient guidance performed by nurses was only 67%. Therefore, various solutions were implemented to create a more complete patient guidance framework for nurses, including the incorporation of regular care-related training in in-service education courses; the establishment of patient care guidance standards for patients in iodine-131 isolation rooms; the establishment of inpatient care standards and auditing processes for iodine-131 isolation rooms; the creation of an introductory handbook on ward environment; Invite other the care team the revision of iodine-131 health education brochures; the creation of visual cards and videos covering equipment operation procedures; and introduction of QR codes. Results: Following the implementation of the above measures, the overall satisfaction of patients hospitalized in iodine-131 isolation rooms increased from 3.7 points to 4.6 points, and the completion rate for patient guidance rose from 67% to 100%. Conclusion: Given the excellent results achieved in this study, it is hoped that this nursing project can serve as a benchmark for other relevant departments.

**Keywords :** admission care guidance, guidance satisfaction, integrity, Iodine131 isolation

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