

# Effectiveness of Multimodal Package on Clinical Hand Off Upon Knowledge and Practice Among Ward Nurses' at Apollo Main Hospital, Chennai

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**Abstract:** *Background: Clinical handoff is a crucial process in nursing practice, ensuring the accurate transfer of patient information, responsibility, and care continuity between healthcare professionals. Effective handoff communication minimizes errors, enhances patient safety and improves healthcare outcomes.*

*Methods & Materials: A true experimental pre-test post-test research design was conducted at Apollo Hospitals, Chennai, among 100 staff nurses' selected by convenient sampling technique. After obtaining the setting permission and informed consent from participants, data was collected using pretested and validated tools such as background variables proforma of staff nurses, structured knowledge questionnaire was developed by the investigator through Google forms in what's app and e-mails to assess the knowledge on patient handover using Clinical Hand off and practice checklist developed by the investigator through observed structured clinical examination (OSCE) to assess the practice on patient handover using Clinical Hand off. It consists of 10 items in each station. The data regarding background variables and pre-test assessment of knowledge on patient handover was obtained on day 1. Then post-test knowledge and practice was conducted on the day 6. The collected data were analysed using descriptive and inferential statistics.*

*Results: The statistically significant increase in mean knowledge scores (from 15.08 to 21.85;  $p < 0.001$ ) confirms that the training not only enhanced understanding but also translated into improved clinical performance. All 100 staff nurses scored above 30, indicating that 100% of participants demonstrated adequate clinical handoff practices following the intervention. This reflects a high level of compliance and understanding of proper handoff procedures among the nursing staff.*

*Conclusion: Targeted educational interventions significantly enhance both the knowledge and practice of staff nurses regarding clinical handoff, ultimately contributing to safer patient care and improved communication in healthcare settings..*

**Keywords:** Nurses', Multi Modal Package, Clinical handoff, Patient handover, OSCE

