ABSTRACT

**Background:** Chronic kidney disease (CKD) is a global health burden. Hemodialysis is the mainstay of care for patients with end stage renal disease. Standards of Nursing Practice for Hemodialysis Unit are considered as a starting point for quality nursing practice in hemodialysis unit.

**Methods:** Present study was conducted in two phases: Phase-I (Development phase) and Phase-II (Evaluation phase). In Phase-I Standards of Nursing Practice for Hemodialysis Unit was developed and in Phase-II a pre-experimental (one group Pretest-Posttest) research design was used to evaluate its effectiveness in terms of Nurses’ Output and Patients’ Output. 26 hemodialysis nurses and 123 Maintenance Hemodialysis (MHD) Patients were selected by total enumerative sampling technique and data was collected from them.

**Results:** In Phase-I, Standards of Nursing Practice for Hemodialysis Unit and criterion tools to check its effectiveness were developed and validated with the help of review of literature and expert opinions. Reliability of criterion tools was established and all tools were found to be reliable. In Phase-II results revealed that administration of Standards of Nursing Practice for Hemodialysis Unit was very effective in terms of nurses’ output i.e. nurses’ knowledge, practice, satisfaction with the nursing care they give to the patients undergoing hemodialysis & their opinion about the acceptability and utility of Standards of Nursing Practice for Hemodialysis Unit and patient’s output i.e. patients’ outcome (lab parameters, vital signs, intradialytic weight gain, pain and state anxiety) and their satisfaction with the nursing care they received while undergoing hemodialysis at 0.05 level of significance.

**Conclusion:** There is improvement in nurses and patients outputs after the use of Standards of Nursing Practice for Hemodialysis Unit.

**Key words:** Standards of Nursing Practice for Hemodialysis Unit, Maintenance Hemodialysis (MHD) Patients and Hemodialysis Nurses