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Satish Kumar Passyavula  
B.sc (N), M.sc (N) Principal,  
Psychiatric Nursing, Swami  
Vivekanand Nursing College  
Simultala, Bihar, India

## Evaluation of planned teaching programme on home management for caregivers of patients undergoing hemodialysis in selected hospital, Patna

Satish Kumar Passyavula

### Abstract

To assess the knowledge of caregivers on home management of hemodialysis patient undergoing hemodialysis.

To find the effectiveness of planned teaching programme on the level of knowledge of caregivers of patient undergoing haemodialysis.

**Keywords:** Hemodialysis, evaluation, planned teaching programme, home management, caregivers

### Introduction

**Hemodialysis:** Hemodialysis involves shunting the patient's blood from the body, through a dialyzer in which diffusion and ultrafiltration occur, and then back into the patient's circulation.

**Evaluation:** In this study, evaluation refers to the expected outcome of the planned teaching programme on home management among the caregivers of the patient undergoing hemodialysis which includes fluid maintenance, diet restrictions, and medications, care of the access [Temporary & Permanent], prevention and recognition of infection.

**Planned Teaching Programme:** In this study, planned teaching programme refers to systematically developed teaching aids designed for teaching care givers who accompany the patient for the haemodialysis treatments.

**Home Management:** In this study, home management refers to the components like fluid maintenance, diet restrictions, and medications, care of the access [Temporary & Permanent], prevention and recognition OF infection. This is included in a planned teaching programme for the caregivers.

**Caregivers:** In this study, caregivers refers to individuals who are family members or significant others who accompany the patient for the hemodialysis treatment.

**Source of Data:** Sample consists of caregivers of patients undergoing hemodialysis at selected hospital, Bangalore.

**Method of Collection of Data:** Method of collection of data by structured interview schedule.

### Data Collection Tool

- Structured questionnaire will be prepared to collect the data.
- A validated teaching material will be prepared to conduct planned teaching programme on home management.

### Research Design

One group pre-test post-test, quasi experimental design.

**Setting of the Study:** The study will be conducted at selected hospital, Bangalore.

**Population:** The Caregivers, are family members or significant others who accompany the patient for the haemodialysis.

**Sample Size:** The size of the sample is 40 subjects (caregivers).

### Correspondence

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**Sampling Technique:** Convenient sampling technique is used to collect the data.

### Criteria for Selection of the Sample

#### Inclusion criteria

- The caregivers of patients who accompany the patient for haemodialysis.
- The caregivers of patients undergoing haemodialysis and are willing to participate in the study by their consent.

#### Exclusion criteria

- The caregivers who are not willing to give consent for participation in the study.

### Conclusion

Knowledge of the Caregivers regarding Haemodialysis procedure in home is assessed.

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