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Knowledge on home management of Haemodialysis among patients receiving hemodialysis

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Abstract

Haemodialysis is "A medical procedure to remove fluid and waste products from the blood and to correct electrolyte imbalances. Improving and prolonging life of such patients is only possible with home care management along with medical treatment.

Purpose: To assess the Knowledge on Home Management of Haemodialysis among patients receiving Haemodialysis.

Objectives: To Assess the Knowledge on Home Management of Haemodialysis among patients Receiving Haemodialysis among Patients Receiving Haemodialysis

Method: **Method:** This was quantitative descriptive survey study of 60 patients who are receiving Haemodialysis, aged 18-60 years. The patients selected for study were Chronic Kidney Disease patients who were receiving Haemodialysis. The data for study was collected from 23rd October 2017 to 1st November 2017. Non- probability convenient sampling technique was used for the selection of patients. To obtain necessary data for the study, the tool used for data collection was assessment of knowledge on Home management of Haemodialysis. The assessment of the knowledge on home management of Haemodialysis was done with the help of structured questionnaire with the survey method.

Results: The assessment of knowledge was carried out and was found that 75% of the samples receiving Haemodialysis had good knowledge on home management of Haemodialysis and 25% of them had average knowledge.

Conclusion: The assessment of knowledge on Home Management of Haemodialysis among patients receiving haemodialysis and suffering from the Chronic Kidney Disease is very much important. This will help to prevent complications and give new idea live life with modification of life style.

Keywords: Knowledge, home management, patients

1. Introduction

Haemodialysis is "A medical procedure to remove fluid and waste products from the blood and to correct electrolyte imbalances. This is accomplished using a machine and a dialyzer, also referred to as an "artificial kidney." Haemodialysis is for patients with advanced Chronic Kidney Disease and End Stage Renal Disease who requires long term or permanent renal replacement therapy.

2. Objectives

The objectives of study was,

1. To Assess the Knowledge on Home Management of Haemodialysis among patients receiving Haemodialysis.

3. Method and material

This was quantitative descriptive survey study of 60 patients who are receiving Haemodialysis, aged 18-60 years. The patients selected for study were CKD patients who were receiving Haemodialysis from Bharati Hospital and research centre Of Pune city. The data for study was collected from 23rd October 2017 to 1st November 2017. Non-probability convenient sampling technique was used for the selection of patients. To obtain necessary data for the study, the tool used for data collection was assessment of knowledge on Home management of Haemodialysis.

The assessment of the knowledge on home management of Haemodialysis was done with the help of structured questionnaire with the survey method.

4. Result

4.1 The findings of sample characteristics

Majority of the samples were from the age group of 50-60 years. 70% of the samples was from urban area. Majority of the samples i.e. 31.67% educated secondary education and majority of the samples belongs to joint family i.e. 58.34%. The 100% of the samples were suffering from Chronic kidney disease and majority of the samples were receiving Haemodialysis since 0-2 years.

4.2 Findings of Assessment of knowledge of Home management on Hemodialysis among Haemodialysis patients

Table 1: Assessment of the knowledge on home management of Hemodialysis among Haemodialysis Samples N=60

Knowledge level	Frequency	Percentage
Poor knowledge (0 – 09)	0	00.00%
Average knowledge(10 – 18)	15	25.00%
Good knowledge (19 – 27)	45	75.00%

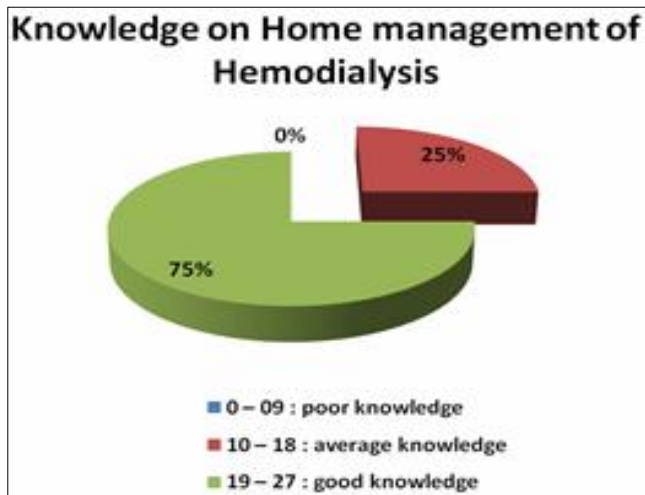


Fig 1

Table no: 1 and Figure no:-1 shows that majority of the samples i.e. 75.00% of samples had good knowledge on home management of Haemodialysis, 25.00% of them had average knowledge.

5. Discussion

The majority of the samples of the patients receiving Haemodialysis had Good knowledge on home management of Haemodialysis.

6. Conclusion

The knowledge of the CKD patient is important to assess because the knowledge of patients will give idea of their lifestyles, diet etc. The questionnaire contains such questions which will be helpful for patient to improve their knowledge of lifestyle, diet, exercise etc.

7. Acknowledgement

My sincere thanks to all the Participants of the study who made this study possible. Our sincere thanks college authority for permitting us to conduct our research .So

finding suggests that, majority of the samples i.e. 75.00% of the population has good knowledge on Home management of Haemodialysis.

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