

Quality of life among chronic renal failure patients receiving Hemodialysis treatment

Ms Minati das*, Prof.Amrita Lenka**, Mr.Asokan.R***,
(medical-surgical Nursing), KINS,KIIT University, Bhubaneswar.

I. INTRODUCTION

Renal failure is a severe impairment or total lack of kidney function. There are 400 dialysis centers in India and estimated that about 100,000 people suffer from end stage renal disease each year in India of which only about 20,000 get treated. It has also reported that there are about 14,500 patients surviving on Hemodialysis and about 3000 people surviving on peritoneal dialysis in India, and remaining 2500-3000 patients are surviving on renal transplant. Currently 60-70% of patients are treated with maintenance dialysis.

II. OBJECTIVES

1. To assess the quality of life among chronic renal failure patients receiving Hemodialysis treatment.
2. To develop an information booklet on quality of life among chronic renal failure patients receiving Hemodialysis treatment.
3. To analyze of subject regarding dimension affecting of the quality of life (QOL) of chronic renal failure patients receiving Hemodialysis treatment.

III. METHODOLOGY

Research design:-Descriptive

Setting of the study: - dialysis unit of PBMH Hospital, KIMS, Bhubaneswar, Odisha.

Sample & sampling technique: - sample size consisted of 60, chronic renal failure patients undergoing hemodialysis treatment, Convenience sampling was used.

Data collection method: - using questioner & checklist which comprised of 100 items & modified standardized WHOQOL-SPBR (100) questions.

IV. RESULTS

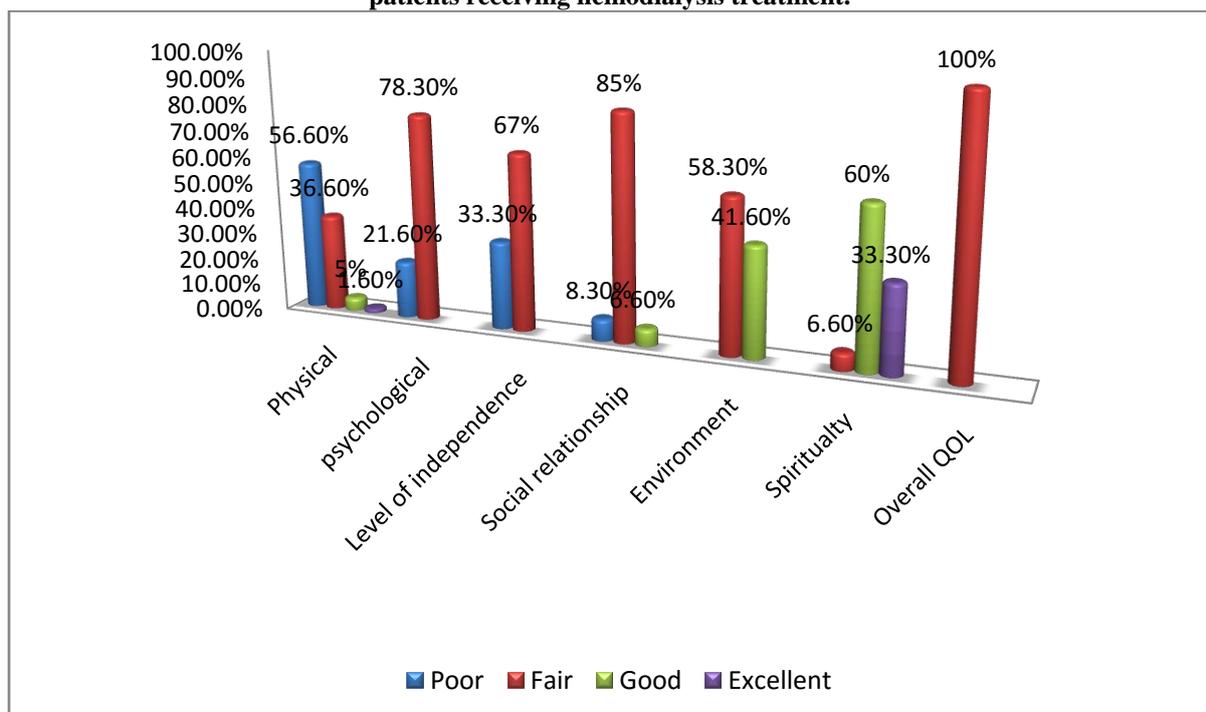
The finding of the study reveals that most of the chronic renal failure patients was between 31% age group 56-76 were male, most of them from Hindu religion 83.3% and most of them were graduates 31.6% with monthly family income 20% between Rs.5000/- to 10,000/- also most of them 48.3% of hypertensive disease modality.

The analysis of subject regarding dimension of quality of life of chronic renal failure patients receiving Hemodialysis reveals that total score in mean percentage in all six dimension was found 50.83% subjects maintaining the poor quality of life.

Table -1: Range, Mean, Mean percentage and standard deviation of quality of life among chronic renal failure patients receiving Hemodialysis treatment.

Sl. No	Areas	Max Score	Range	Mean	Mean%	SD
1	Physical	60	15-50	24.23	40%	6.58
2	Psychological	100	30-50	43.18	43.18%	5.27
3	Level of independence	80	25-48	35.85	44.81%	5.36
4	Social relationship	60	19-41	28.8	48%	3.96
5	Environment	160	81-112	96.51	60.32%	6.44
6.	Spirituality	20	12-20	15.46	77.3%	6.45
7	Overall quality of life	480	182-321	244.01	50.83%	13.4

Figure-1: Distribution of subjects to assess the quality of life according to the chronic renal failure patients receiving hemodialysis treatment.



V. CONCLUSION

The present study shows that the Chronic Renal Failure patients maintaining poor QOL

Key words- QOL-quality of life

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