

# Assesment dialysis patients Satisfaction needs in relation to clearance and impact of care

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## Introduction

Chronic Kidney Failure is a serious chronic disease that has a negative impact on the quality of life of end stage renal patients. Although there have been several researches on that, what lags behind research from the scientific community is whether individualized nursing care, of patients with end-stage renal disease needs were they receiving dialysis, responds adequately to the expectation of their care and to what level their quality of life is affected.

The gap in Cypriot data is very large and important in terms of specifying the quality of life of these patients, always taking into account the rapidly increasing trend of the disease in our country.

### Renal replacement therapies



Fig.1 Haemodialysis  
Kidney Transplantation  
Peritoneal Dialysis

## Purpose

The aim of this study is to investigate the needs in relation to the biological, psychological, social and mental dimension and the impact on quality of life of patients at the end stage of renal disease who are undergoing renal replacement therapy with Haemodialysis or Peritoneal Dialysis. The specific objectives of the research are to identify the needs of patients with chronic renal failure by themselves, to investigate the satisfaction of their needs and to evaluate the health services of the patients by themselves. Its results aim to enhance the quality of individualized nursing care provided to patients in the renal replacement parts.

### The quality of Life

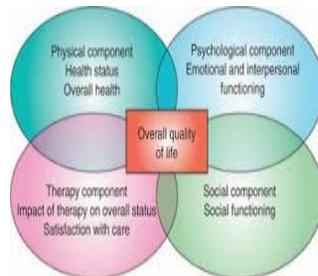


Fig.2 Four thematic axes

## Material and Method

### Qualitative research:

- \* Semi-structured personal interviews.
- \* Interview guide (4 thematic axes / 3 questions)
  - Determining patient needs
  - Assessment of health care provided by healthcare professionals
  - Assessing patient satisfaction
  - Effects of lack of patient satisfaction
- \* **Patients on dialysis at General Hospital of Limassol, Cyprus.**
  - Haemodialysis (20 patients)
  - Peritoneal dialysis (5 patients)

- \* **Interview period**  
November - December 2015

Comparative Analysis of Patients on Dialysis at G.H of Limassol 2006-11 / 2016

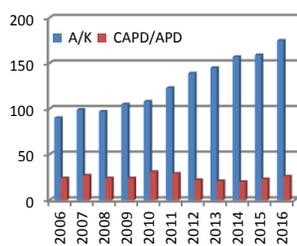


Fig.3 Patients on dialysis are increasing significantly each year.

## Results

This study investigated the major needs of patients with chronic renal failure on replacement treatment.

### Peritoneal patients

- Biological level:  
5/5 the need to prevent peritonitis, at Psychological level  
4/5 the fear of peritonitis
- Social level:  
3/5 the need for family support and the support by the staff of the peritoneal department .
- Spiritual level:  
3/5 need of hope.

### Haemodialysis Patients

- Bioavailability:  
12/20 the need to comply with nutritional constraints.
- Psychological level :  
11/20 the need to reduce stress on the TN machine.
- Social level:  
10/20 the need for a supportive family environment
- Spiritual level:  
6/20 the need for faith in God.  
4/20 believe and place their hopes on God .
- ❖ Most patients in both groups consider their treatment to be effective, and their relationship with medical and nursing staff very good to excellent.
- They also express their satisfaction of the support of their families and their friends.

## Discussion

\*The interest of many health scientists has attracted the quality of life of end stage renal disease patients in recent years, (Sapountzis-Crépia D., 1998), but very few have attempted to investigate how patients themselves experience the treatment experience Kapa et al., 2007).

\*In Cypriot literature, no relevant research has been found and, as a consequence, there is a significant gap in Cypriot data regarding the quality of life of these patients (Lissou A., 2011).

\*According to this research it has been confirmed that end stage renal disease, is a disease that affects the Cypriot patient in all its dimensions.

\*The patients under haemodialysis, reports a number of needs / problems, comparatively much greater than that of the patients under Peritoneal dialysis and indicates lower rates of satisfaction something that has been also said by Ginieri-Coccosis et al. in 2008.

\*Notable is the much better quality of life of Peritoneal patients in Automatic Night Peritoneal Dialysis, compared to those found in Portable Peritoneal dialysis.

## Conclusion

The results of the study showed that End-stage Chronic Renal Failure appears to affect at a holistic level the Cypriot patients undergoing renal replacement therapy. It also affects the quality of life of the patients themselves and their families.



Fig.4 Designed care can increase the level of the quality of care of any renal patient

## Suggestions

- \*Need for further research in this area.
- \*Provide designed care tailored to the actual needs of each patient.
- \*Possibility of coordinated care program for patients findings into nursing education

## For further information

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