

Multidisciplinary nephrology healthcare team perspective on pre-dialysis practices and experiences

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Background

- Many studies have shown that 60% of patients with CKD are generally late referred to the nephrology team
 - In a very short time these patients started to renal replacement therapy in the emergency conditions
 - affects management of treatment and the quality of care
 - eliminates the chance to choose treatment
 - associated with increased morbidity and mortality

Background

- Ideal approach in nephrology care is timely referral, timely education and timely start to replacement therapies
- Effects of education on chronic disease management have been shown in many studies

Aim

The aim of the research is

- to assess and evaluate the existing practices of the multidisciplinary healthcare team members on pre-dialysis training programs and treatment decision making

Method

- A nonvalidated questionnaire was used to obtain information from the renal team consist of nephrologists, nephrology nurses, predialysis nurses, hemodialysis nurses, peritoneal dialysis nurses, transplantation nurses, home hemodialysis nurses.
- One hundred and four nephrology health care members enrolled in the study.
- Data collected from the survey was evaluated by using frequency and percentage calculations in SPSS statistical analysis programme.
- The study was approved by local ethic committee.

Results

- According to the data obtained from 104 members in the multidisciplinary dialysis teams;

	Nefrologist	Nefrology Nurse	InCHD Nurse	HHD Nurse	PD Nurse	Tx Nurse	HD Technician	Total
Government H	0	5	15	0	18	3	2	40
University	6	2	14	2	18	1	2	44
Private H	2	1	5	3	0	5	1	9
Total	8	8	34	5	36	8	5	104

Results

Pre-dialysis training

**Is your center provide any pre dialysis information ?
Is there a systematic predialysis education programme?**

It was found that no predialysis education was provided in 30% of the centers which participated to the survey.

It was observed that there was no systematic education programme in 29% of the centers providing pre-dialysis education

	Gov.		Univ		Priv		Total	
	n	No %	n	No %	n	No %	n	No %
Pre dialysis education	40	33%	44	14%	9	0%	93	30%
Systematic PEP	14	47%	5	14%	0	0%	19	29%

Results

What is the rate of patient receiving PEP?

Rate of patients having an education in this programme was 26 %.

It was determined that only 10% of the patients who started dialysis in emergency conditions had received information about treatment modalities.

		(%)
Gov	Patients receiving pre-dialysis education	17,5
	Urgent start patients receiving pre-dialysis education	10
University	patients receiving pre-dialysis education	49,7
	Urgent start patients receiving pre-dialysis education	10
Total	Patients receiving pre-dialysis education	30
	Urgent start patients receiving pre-dialysis education	10

Results

Content of pre dialysis education

	Gov		University		Total	
	n	No %	n	No %	n	No %
Kidney functions	30	17%	38	13%	68	15%
Kidney disease		20%		11%		15%
Progression		30%		11%		19%
Arrangement of Daily life		27%		16%		21%
Psychosocial impact on illness and treatment		43%		16%		28%
In center HD		3%		0%		1%
Home HD		87%		50%		66%
CAPD		20%		5%		12%
APD		33%		8%		19%
TX		20%		5%		12%

Results

Training tools

	Total	
	n	No %
Training booklet	68	24%
Video		76%
Ppt presentation		76%
PD model		24%
HD model		79%
Poster		53%

Results

Training program effectiveness

	Total	
		No %
Is the training booklet given to the patient?	68	28%
Are the training materials updated?		60%
Do you have a training record?		40%
Re training?		41%
Are the satisfaction of the training program evaluated?		68%
Is the training completion rate followed?		63%
Is the training program adequate?		72%

Results

Healthcare professionals comments on the survey

Trainings for trainers must be organized

Training materials should be developed and updated

Trainings must be followed regularly and intermittently, ensuring continuity

It is necessary to determine the standard of education given to patients.

Conclusion

- Findings describe the importance and necessity of developing a systematic and standardized pre dialysis training program and support the patient to make informed decisions.