

National Audit of Pre-dialysis Education in KSA

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Outline

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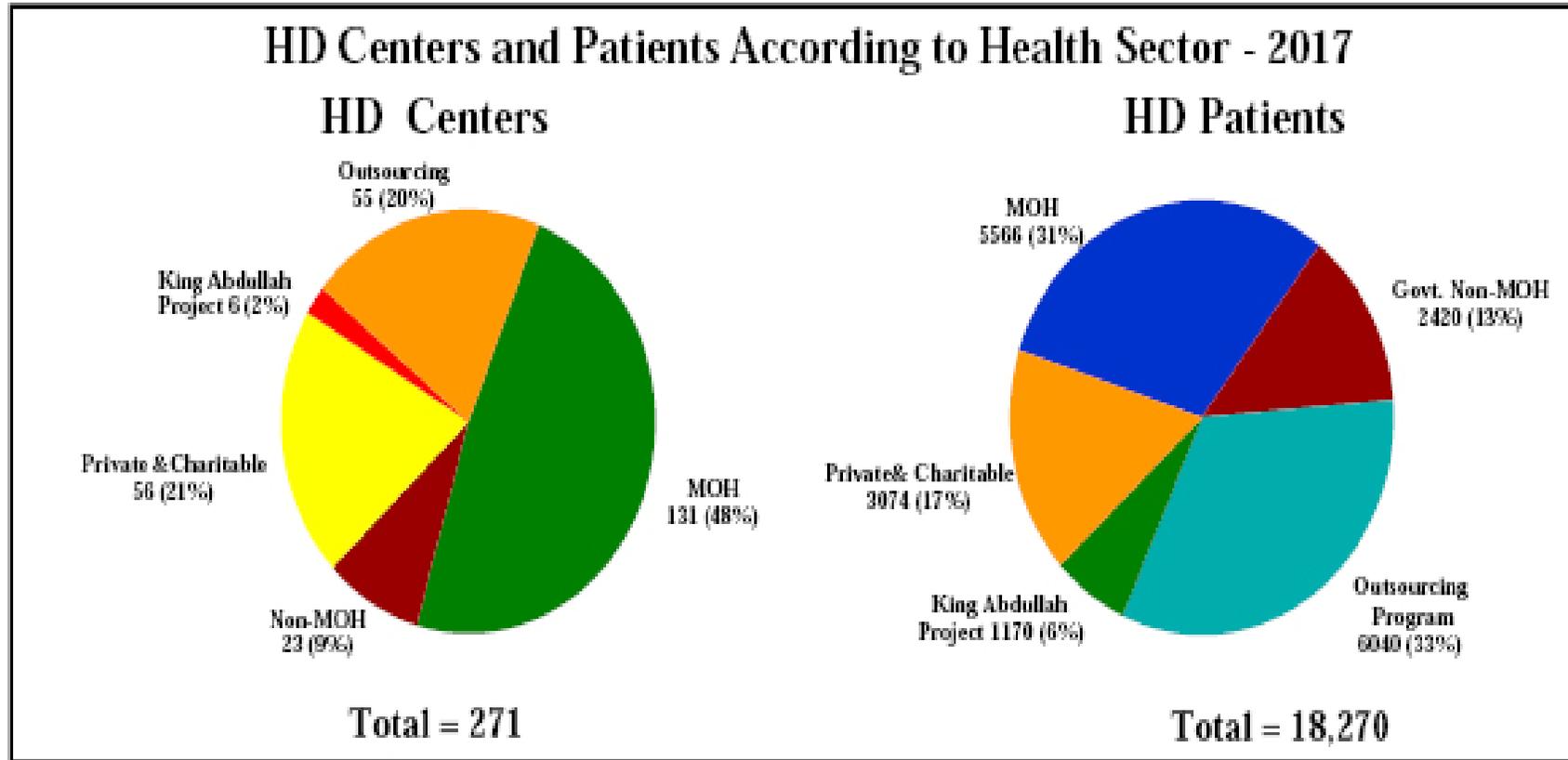
Overview

- Dialysis services provided in KSA by Five Health Sector as follow:
 1. Government- Ministry of Health (Gov-MoH)
 2. Government-Non Ministry of Health (Gov-Non-MoH)
 3. Private & Charitable Hospital
 4. King Abdullah HD project
 5. Outsourcing Program (Davita &Diaverum)

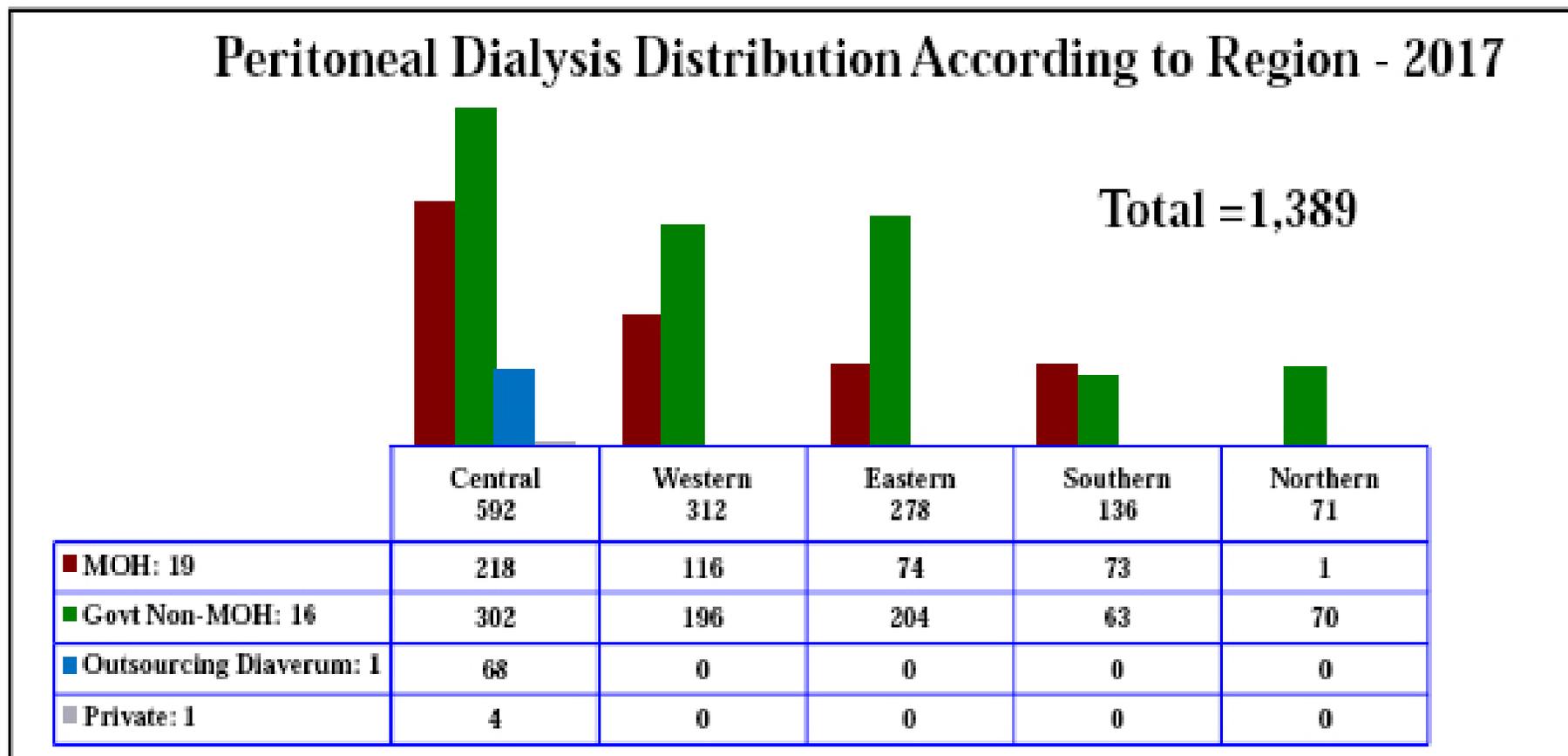
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- There are total of 271 hospital and dialysis center
- Total of 18,270 patients on Hemodialysis (HD)
- Total of 1,389 patients on Peritoneal dialysis(PD)
- There are 37 active PD Centre:
 1. 19 MOH
 2. 16 Gov-Non- MOH
 3. 1 Private
 4. 1 Diaverum

Hemodialysis Data



Peritoneal Dialysis Data



Aims

- The audit aimed to identify what pre-dialysis information or pre-dialysis education were available for patients
- to determine the information provided at the national level.

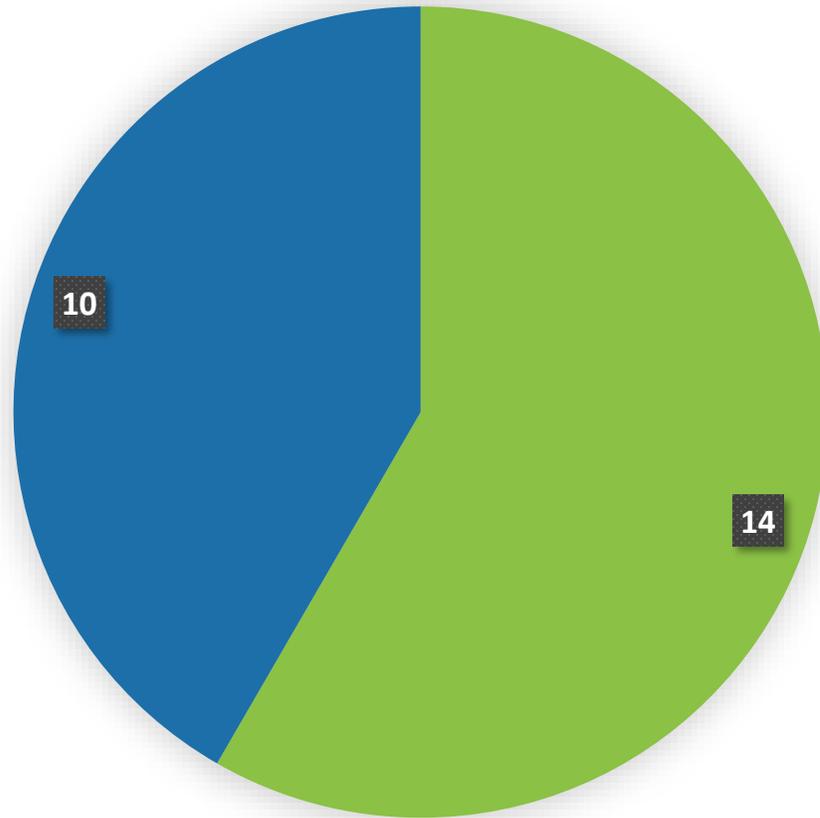
Methods

- Telephone interviews using a questionnaire was the method chosen to gather the information from the hospitals from the different regions of the KSA.
- The telephone interviews were conducted with the head nurses of the dialysis units.
- The researcher produced the audit tools three-page questionnaire.

Results

- Twenty-four hospitals were identified as providing different options of RRT in the KSA
- Out of the 24 hospitals, three have a dialysis centre which is located in a building attached to the hospital (one in central region, one in western region and one in eastern region).
- Nineteen out of the twenty-one units agreed to participate in the audit and two unit declined to provide any more information for the audit.

Dialysis Centre Category

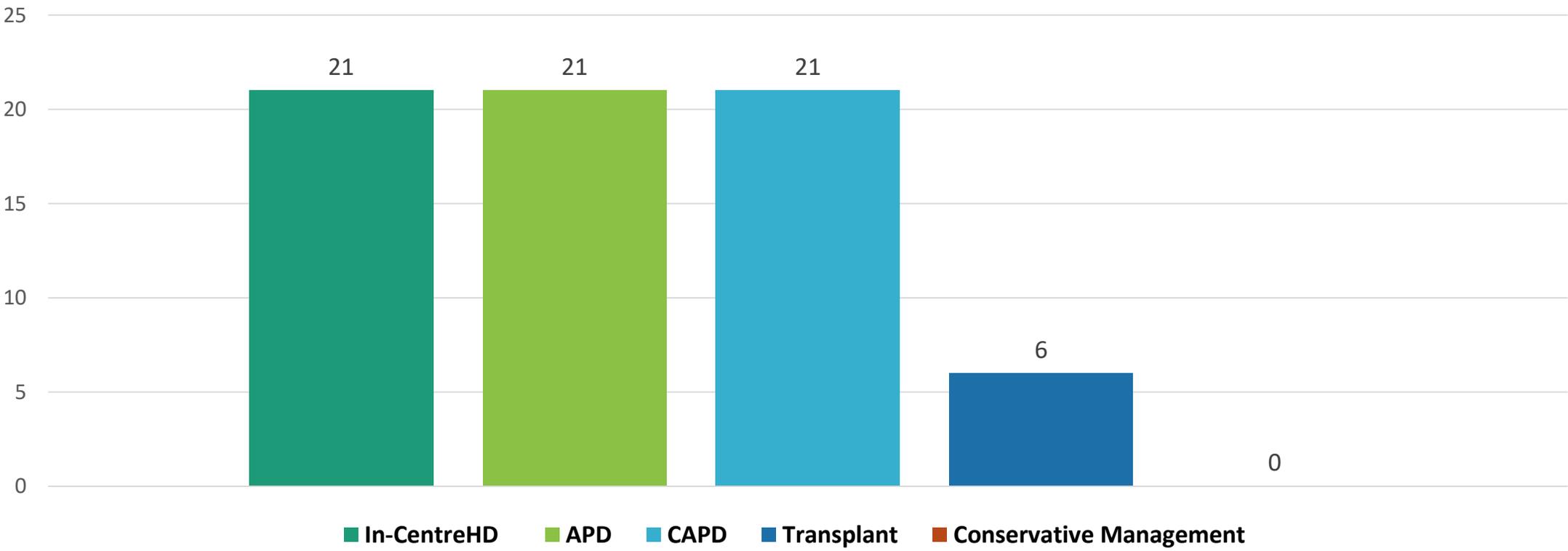


■ Gov-Non MoH Sector

■ Gov-MoH Sector

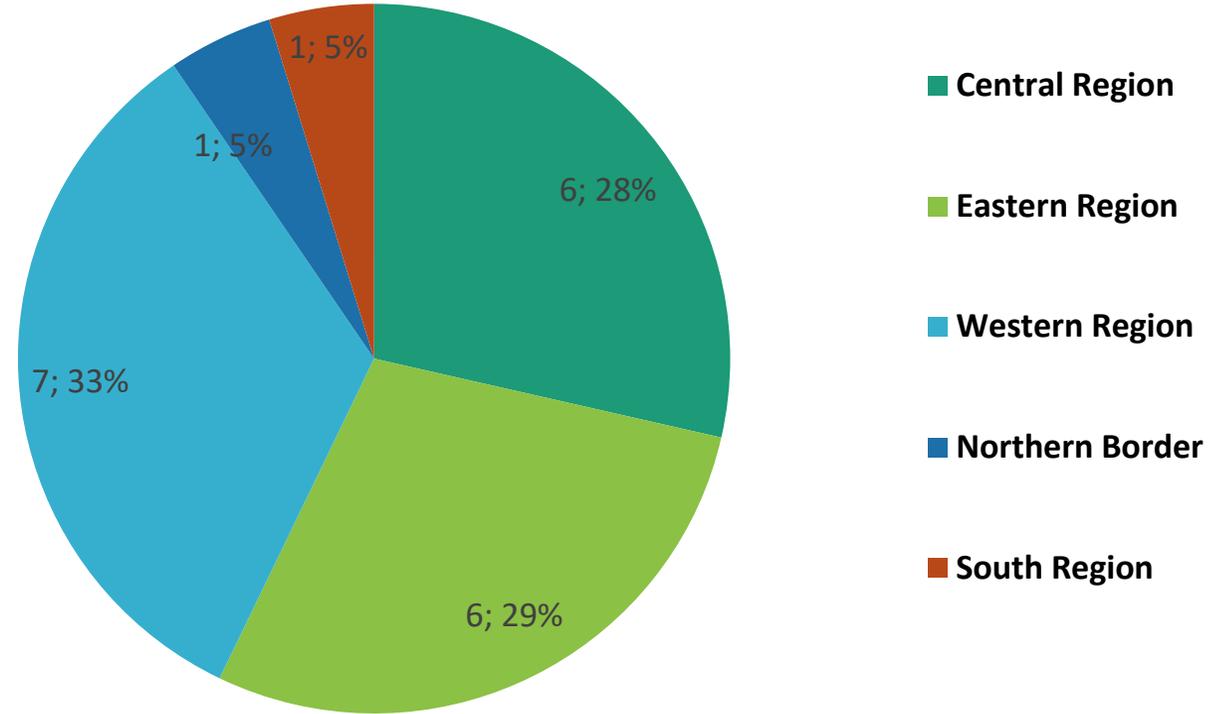
Treatment Options Provided to Patients

Treatment Options



Geography Distribution

Dialysis Centre Provide Information



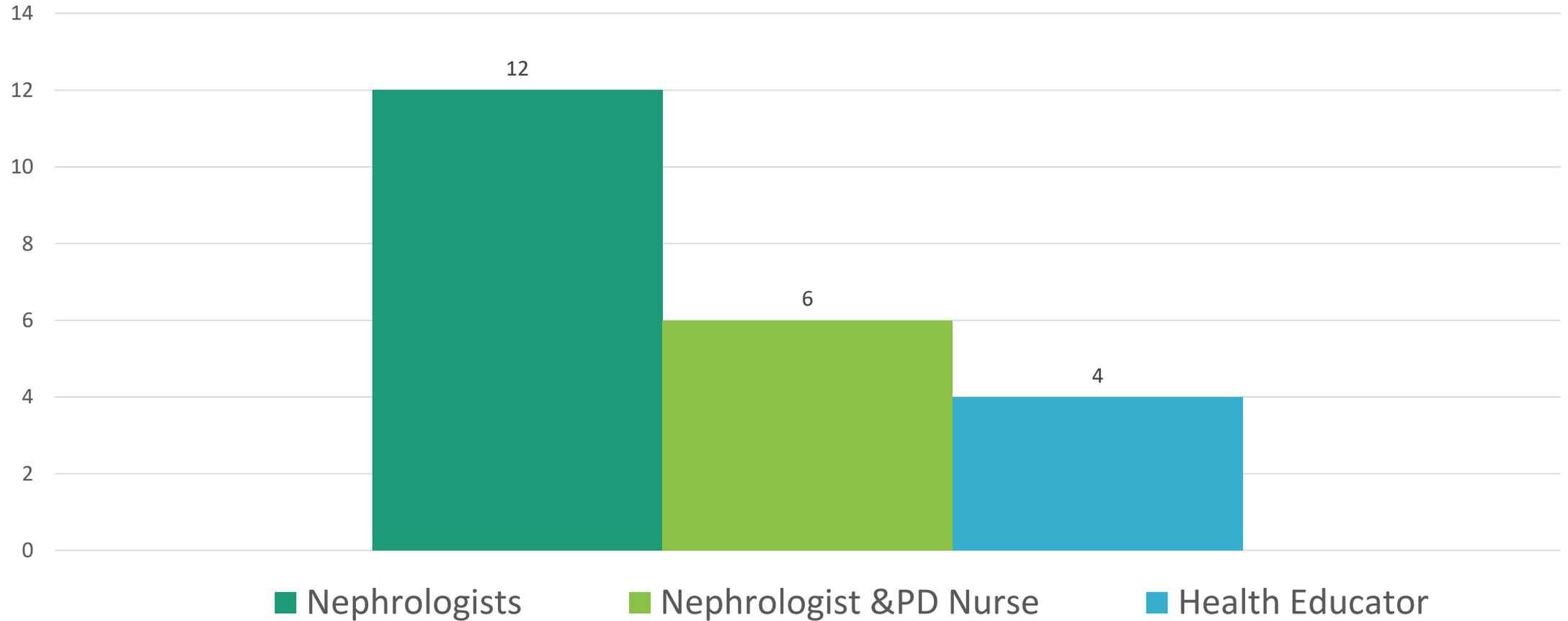
Results Continue

- All 21 responding units provided HD, CAPD and APD. Six undertook renal transplants as well.
- One unit in the eastern region indicated that they did pre-emptive-transplants as the first option for patients.
- No unit gave information about conservative management or having a 'no dialysis' choice.

Patient referral to dialysis

- In eight units patients were referred to dialysis treatment through nephrology clinics and/or emergency departments;
- Through the nephrology clinic (N=3);
- through primary healthcare centre and inpatient departmental referral (N=3);
- Two units provided emergency dialysis, and then transferred those patients to different hospitals.
- Two units were not sure how patients were referred to dialysis.

Who Provide the information



Barrier to Education

- A language barrier
- Patients Denial to the need for dialysis
- Late referral to a nephrologist
- Patient's level of education

Conclusion

- It was apparent that there are efforts to provide education and information to patients in the nephrology clinics included in the audit, such efforts are neither consistent nor clear.
- International guidelines recommend that pre-dialysis education should best be provided in a structured programme, which includes nephrologists, dialysis nurses and dieticians and even with a psychologist's referral .

Thank you