P1156 **TWO YEAR FOLLOW UP QUALITY INDICATORS COMPLIANCE IN A LARGE INTERNATIONAL PERITONEAL DIALYSIS INSTITUTION**

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Background and Aims: Peritoneal dialysis (PD) practice is not universally homogeneous, best clinical practices are not completely understood as reference values are often obtained from small sized populations and/or frequently based on chronic kidney disease (CKD) and/or hemodialysis data.

To evaluate two years of follow up of compliance with PD-related quality indicators (QIs) following definition of new targets in an international PD network.

Method: All English and Spanish language CKD and PD guidelines were reviewed. Twelve Qis were considered being of significant relevance and targets for these QIs were defined (see table). Retrospective data analysis.

Results: Achievement of QI targets for years 2017-2018 is shown in table. Variability among countries not shown.

Conclusion: There was a significant increase in QIs achievement in 2018 vs. 2017. $\geq$75% of patients met the target for the following variables: total weekly Kt/Vurea, 24 h fluid removal, mean arterial blood pressure and serum albumin. Peritonitis rates are clearly over International objectives and were improving. Due to the lack of referral source data, these series may help to understand PD practice and outcomes in a global setting.

2017 vs. 2018	2017	2018	
Total PD patients (pt., n)	1200	1207	
Total PD pt. - data on registry (n)	879	857	
Pt. by Regions (Eu/LA/Others)	532/339/8	508/342/7	
Age (y.)	53.8	54	
DM (%)	18.3	18,4	
Charlson index (Last quarter)	4.3	4.4	
CAPD use (Last quarter, %)	76.2	74.5	
Mean time on PD (months)	34,2	36.1	
QIs achievement (%)	**2017**	**2018**	**p<0.001**
Total weekly Kt/V $\geq$ 1.7 (including anurics)	79.2	79.5	
24 h fluid removal [24 h residual diuresis +24 h ultrafiltration]: $\geq$750 ml/day (including anurics)	96.9	96.7	
Albumin $\geq$35 g/L	74.0	76.6	
nPNA $\geq$ 0.8 g/kg/day	68.6	68.0	
Serum K: 3.5-5.5 mEq/L	74.9	72.3	
Serum bicarbonate: 24-28 mEq/L	40.9	41.7	
Serum phosphorus: 2.5-5.5 mg/dl	65.5	63.5	
Serum calcium: 8.6-10 mg/dl	67.1	65.8	
Intact parathyroid hormone: 100-600 pg/ml	64,4	65.9	
Hb: 10-12 g/dl (all patients)	58.0	58.8	
Serum ferritin: 100-500 ng/ml	50.6	51.1	
Mean arterial blood pressure < 105 mm Hg	79.2	80.2	
Total score	**819.3**	**820.1**	
Others			
Hb: 10-12 g/dl (ESA treated)	65.5	65	
Hb: >12 g/dl (non- ESA treated)	57.6	52,7	
Peritonitis rates (episodes/pt-year at risk)	**0.25**	**0,18**	