

Name of the Task force – ESPN Dialysis Working Group 2023 annual report

Number of members of the WG in 2023: 83

Board composition in 2023:

Chair: Rukshana Shroff

Board members:

1. Sevcan Bakkaloglu
2. Bruno Ranchin
3. Enrico Vidal
4. Ilona Zagodzdon

Member of the YPNN: Evelien Snauwaert

Results of the vote in December for the replacement of vacant positions. Please indicate which board member is rotating off – Claus Schmitt and Fabio Paglialonga

Newly elected board member/s (serving from January 1st, 2024): Enrico Vidal and Ilona Zagodzdon

Brief description of the Task Force activities during the year 2023

- Membership increased from 52 to 83
- Two zoom meetings per year
- Full-day CME organized at ESPN (together with CKD WG)
- New partnerships and 2 key new subgroups:
 - AKI subgroup
 - Medical Devices subgroup
- Cross-WG activities with CKD, Transplantation and Glomerular Diseases WGs, ERKNET, ERA CKD WG, the Pediatric Renal Nutrition Taskforce, and the Green Nephrology Taskforce

Publications of the WG in 2023

1. Reijman MD, Kusters DM, Groothoff JW, Arbeiter K, Dann EJ, de Boer LM, de Ferranti SD, Gallo A, Greber-Platzer S, Hartz J, Hudgins LC, Ibarretxe D, Kayikcioglu M, Klingel R, Kolovou GD, Oh J, Planken RN, Stefanutti C, Taylan C, Wiegman A, Schmitt CP. Clinical practice recommendations on lipoprotein apheresis for children with homozygous familial hypercholesterolemia: an expert consensus statement from ERKNet and ESPN. medRxiv [Preprint]. 2023 Nov 15:2023.11.14.23298547. doi: 10.1101/2023.11.14.23298547. PMID: 38014132; PMCID: PMC10680892.
2. Evenepoel P, Jørgensen HS, Bover J, Davenport A, Bacchetta J, Haarhaus M, Hansen D, Gracia-Iguacel C, Ketteler M, McAlister L, White E, Mazzaferro S, Vervloet M, Shroff R. Recommended calcium intake in adults and children with chronic kidney

disease-a European consensus statement. Nephrol Dial Transplant. 2024 Jan 31;39(2):341-366. doi: 10.1093/ndt/gfad185. PMID: 37697718.

Projects/plans for 2024



Summary of Dialysis WG activities - 1

	Project title	Lead investigators	Start date	End date
Guidelines				
1	Evaluation for cardiovascular disease in children with CKD, on dialysis and after transplantation	S. Stabouli R. Shroff	30/11/22	31/12/24
2	Prevention and management of cardiovascular disease in children with CKD, on dialysis and after transplantation	S. Stabouli R. Shroff	01/06/24	31/06/25
3	Prevention and treatment guidelines of HD catheter related infections	S. Bakkaoglu	01/12/23	01/12/24
4	Lipoprotein apheresis for children with homozygous familial hypercholesterolaemia	C. Schmitt D. Reijman	01/01/22	Published
5	Recommended calcium intake in adults and children with CKD- a European consensus statement.	P. Evenepoel R. Shroff	01/01/23	Published
6	The role of nutritional vitamin D in CKD-MBD - a European consensus statement.	P. Evenepoel R. Shroff	01/09/23	31/06/24
Randomised Controlled Trials				
1	Comparison of pre vs post-dilution hemodiafiltration modalities – effects on biocompatibility and solute clearance. A randomized crossover trial.	A. Agbas, B. Ranchin C. Schmitt, R. Shroff	01/02/21	Recruitment complete
2	Lowering dialysate sodium in children on maintenance HDF: multicenter RCT.	F. Pagliarola	01/06/23	31/12/26



Summary of Dialysis WG activities - 2

	Project title	Lead investigators	Start date	End date
Prospective cohort studies				
1	Prevalence and risk factors for fractures in European children with CKD, on dialysis and post transplantation	A. Lalayiannis R. Shroff	01/12/22	01/06/23
2	CKD and dialysis in children with failing kidney allografts	Z. Arslan, R. Shroff	01/02/23	31/06/24
3	European Paediatric Access to Kidney Transplantation (uPAKT)	J. Kim, S. Marks	01/10/20	30/06/24
4	Growth, CV outcomes and QoL in children on intensified dialysis regimens (home HD and HDF) vs conventional HD	C. Ahlmann, J. Oh, I. Madden, R. Shroff	01/05/23	31/06/24
5	IMPACT STUDY - Improving phosphate control in children with CKD	L. McAlister, R. Shroff	01/03/23	31/12/24
6	Follow-up after AKI based on data from the EurAKID Registry	R. Baptiste, J. Oh I. Guzzo, Z. Arslan		

Summary of Dialysis WG activities - 3

	Project title	Lead investigators	Start date	End date
Surveys				
1	European hemodialysis survey	B. Ranchin	01/02/23	
2	Disaster preparedness for pediatric nephrology centers	L. Sever	01/09/23	
3	HD catheter related infections survey	S. Bakkaloglu		
4	Pseudotumor cerebri and hypervitaminosis A in pediatric patients with CRF	B. Utsch, C Schmitt		
5	Neonatal Acute Kidney Injury: A Survey of Neonatologists' and Nephrologists' Perceptions and Practice Management	R. Baptiste, J. Oh I. Guzzo, Z. Arslan		
6	Incremental PD in children	S. Bakkaloglu		
7	PD in the under 1000 gram babies	Matthew Harmer		
8	Hypotension in nephric children on dialysis	Stéphanie Tellier		
9	Green nephrology survey	Aysun Bayazit, R Shroff		