

Title of the project:							
DIETARY SODIUM INTAKE IN CHILDREN ON DIALYSIS							
Principal investigator	Year of award						
FABIO PAGLIALONGA	2020						
Please provide an overall summary of the project (max 500 words)							
It was a prospective observational study investigating interdialytic sodium balance in 41 pediatric patients across Europe. We assessed sodium balance based on dietary sodium intake, sodium intake with medications and 24h urinary sodium excretion. The main finding was that the interdialytic sodium balance was the strongest independent predictor of interdialytic weight gain in children on hemodialysis. As secondary analysis, we investigated the predictors of hyperkalemia in this population. The results showed that prescription of RAAS inhibitors was a strong independent predictors of high potassium levels, while dietary potassium intake was not associated with plasma potassium levels							
How was the grant used for the project? (max 200 words)							
<table border="0"> <tr> <td>- 2 devices for ambulatory blood pressure monitoring</td> <td>5600 €</td> </tr> <tr> <td>- part-time research nurse</td> <td>4400 €</td> </tr> <tr> <td>- TOTAL</td> <td>10000 €</td> </tr> </table>		- 2 devices for ambulatory blood pressure monitoring	5600 €	- part-time research nurse	4400 €	- TOTAL	10000 €
- 2 devices for ambulatory blood pressure monitoring	5600 €						
- part-time research nurse	4400 €						
- TOTAL	10000 €						
Please list all publications completed, with links to open access publications where available							
- Sodium intake and urinary losses in children on dialysis: a European multicenter prospective study. Paglialonga F, Shroff R, Zagozdzon I, Bakkaloglu SA, Zaloszc A, Jankauskiene A, Gual AC, Consolo S, Grassi MR, McAlister L, Skibiak A, Yazicioglu B, Puccio G, Edefonti A, Ariceta G, Aufricht C, Holtta T, Klaus G, Ranchin B, Schmitt CP, Snauwaert E, Stefanidis C, Walle JV, Stabouli S, Verrina E, Vidal E, Vondrak K, Zurowska A; European Pediatric Dialysis Working Group (EPDWG). <i>Pediatr Nephrol.</i> 2023 Oct;38(10):3389-3399. doi: 10.1007/s00467-023-05932-y. Epub 2023 Mar 29. PMID: 36988689 - Predictors of hyperkalemia in pediatric patients on dialysis: international prospective observational study. Paglialonga F, Shroff R, Zagozdzon I, Bakkaloglu SA, Zaloszc A, Jankauskiene A, Gual AC, Grassi MR, McAlister L, Skibiak A, Yazicioglu B, Puccio G, Grassi FS, Consolo S, Edefonti A; European Pediatric Dialysis Working Group (EPDWG). <i>Pediatr Nephrol.</i> 2025 Aug;40(8):2611-2618. doi: 10.1007/s00467-025-06717-1. Epub 2025 Mar 13. PMID: 40080184							
Are any other publications planned?							

none

Please list all presentations relating to the project

- Annual Dialysis Conference 2022
- ESPN meeting 2022
- EPDWG meeting 2022
- ESPN meeting 2023