

Plan of the activities of the ESPN DIALYSIS WG for 2018

Group composition

The number of the Group members has progressively increased and reached 41 in January 2018, including 1 Coordinator, 4 Board members and 3 Liaisons. The list of all members is reported in the ESPN website.

Next meeting of the Group: Gdansk, 15th of June 2018.

Educational activities:

Basics in CKD and Pediatric Dialysis (A. Zurowska as organising person), Gdansk, 15th of June 2018. The program will be posted in the ESPN website in Spring 2017.

Dialysis Master Class during the Congress of the ESPN to be held in Antalya, 3 to 6 October 2018.

Research activities: 1. With the ESPN/ERA-EDTA Registry:

- Time of initiation of dialysis and outcome in children in Europe (E. Preka, S. Bakkaloglu, C.Stefanidis) through the analysis of Registry data.

2. Other research activities:

Articles near to publication:

- “Management of children with Congenital Nephrotic Syndrome: challenging treatment paradigms” (R.Shroff, T.Holtta as main authors, with the ESPN Dialysis WG and EPDWG centers collaborating in data collection): submitted to NDT, under revision.

- A modified version of the article “Considering Renal Replacement Therapy in Children with Severe Mental Disability: Results of a Worldwide Survey on The Opinion of Caregivers” by L. Willem and E. Letchenko with the collaboration of the ESPN Dialysis WG centers: re-submitted.

Ongoing studies

All the group members are invited to participate in the studies. Ask for info the study P.I. or the Dialysis Group Chair

- Study on extra-corporeal modalities of desensitization of hyperimmunised children waiting for renal transplantation (F. Paglialonga, C. Schmitt): a preliminary questionnaire submitted to the ESPN and EPDWG centers demonstrated the feasibility of the study. The collaboration with the ESPN Transplantation WG (B. Toenshoff), S. Marks (GOSH, London) and S. Caner (Heidelberg) will help in finalizing the study protocol and forms in early 2018.

- Hospitalization in children on dialysis in European pediatric nephrology centers: an EPDWG/ESPSDWG report (S. Bakkaloglu): the final version of the prospective study protocol was sent to the ESPN Dialysis WG and EPDWG members in December 2017 and data collection will start in 2018.

- 3H Study: 28 centers in 10 European countries contributed to data collection and the number of patients needed for the study (190) has been reached; follow-up came to a close by mid-2017.

- A study of “Assessing calcium balance in children with CKD to optimize treatment strategies”, proposed by R. Shroff and sponsored by an ESPN grant, is going on in five of the ESPN Dialysis WG units.

New Study proposals

A new study was proposed in the Helsinki meeting:

- Pseudo-tumor cerebri in pediatric dialysis patients (C.Schmitt, B.Utsch): a survey among the EPDWG and ESPN Dialysis WG units was initiated in January 2018.

Three study proposals were presented and discussed in the Glasgow meeting and preliminary study outlines were submitted in December 2017- January 2018 to the ESPN Dialysis WG Chair :

1. Sleep disorders in children on dialysis (N. Printza)
2. Fractures in children with CKD (R. Shroff)
3. Refugee/immigrant pediatric patients on dialysis in Europe (L. Sartz)

Guidelines under development

- The Guideline on rhGH treatment in CKD and dialysis is under development, coordinated by D.Haffner with the collaboration of members of the ESPN CKD-MBD, Transplantation and Dialysis WGs.

- Clinical practice guidelines on vascular access for hemodialysis (C. Stefanidis and R. Shroff). An outline of the guideline has been developed and a guideline working group appointed.

- The update of the EPDWG guidelines/recommendations posted in the ESPN website is seen as one of the aims of the group and will be done with the aid of an expert trained in the Cochrane Library and with the collaboration of the European Best Practice Guidelines Group. Due to the present engagement with the CKD-MBD and the Transplantation WGs in preparing the rhGH guidelines, other guidelines will be chosen for revision in 2018. Proposals and candidatures by the ESPN Dialysis WG members are welcome and should be submitted to the Group Chair.

Synergies

1. Synergy between the ESPN Dialysis WG and the European Pediatric Dialysis Working Group (EPDWG): two collaborative studies are in progress: the survey on hospitalization policies around Europe and that on desensitization of hyperimmunised children waiting for renal transplantation.
2. Collaboration between the ESPN Dialysis WG and the ESPN-ERA EDTA Registry:” Time to initiation of dialysis and outcome”. C. Stefanidis (in the Board of the Scientific Committee of the Registry and of the ESPN Dialysis WG) and E. Verrina (in the Board of

the ESPN Dialysis WG) received the mandate to interact with M. Bonthuis for future projects.

3. The collaboration between the ESPN Dialysis WG and the ESPN CKD-MBD WG is going on as regards the Guidelines on rhGH treatment in CKD and Dialysis. The synergy with the ESPN Transplantation WG was started, due to the common data regarding the same ESRD patients, as regards both the guideline on rhGH treatment in CKD and the desensitization procedures in children on dialysis waiting for renal transplantation.

Budget

The budget for 2018 is 2000 Euros. 451 Euros have been anticipated in 2017 by the ESPN Treasurer to pay expenses of publication.

ESPN Regulations

Replacement of one member of the Board of the Dialysis WG will take place at the end of 2018, according to the ESPN Council instructions.

Alberto Edefonti

ESPN Dialysis Working Group Chair