

Minutes of the ESPN Dialysis Working Group Meeting

Antalya, October 5th, 2018

General remarks

In the last three years the activity of the group has remarkably increased, as regards both the educational and scientific activities and the participation and collaboration of the ESPN WG members. In particular, the number of studies published in the last year was 5 (including 2 guidelines); the number of articles recently submitted was 1 and 2 guidelines are near to submission; the number of ongoing studies was 9 (including 3 new proposals). Many of these studies have been presented as oral presentations or posters during different international congresses. In detail:

Published articles

1. Vaccination practices in pediatric dialysis patients in Europe (S. Bakkaloglu et al.): published in Nephron
2. Management of children with congenital nephrotic syndrome: challenging treatment paradigms (S. Dufek, R. Shroff, T. Holttä et al.): published in NDT
3. Infants with congenital nephrotic syndrome have comparable outcomes to infants with other renal diseases (S. Dufek, R. Shroff, T. Holttä et al.): published in Pediatric Nephrology

Published Guidelines

1. Clinical Practice Recommendations for treatment with Active Vitamin D analogues in children with CKD stages 2-5 and on dialysis <http://www.espn-online.org/images/ClinicalPracticeRecommendationsforACTIVEvitaminD-ESPN2017a.pdf>
2. Clinical Practice Recommendations for native Vitamin D therapy in children with CKD stages 2- and on dialysis. <http://www.espn-online.org/images/ClinicalPracticeRecommendationsforNATIVEvitaminD-ESPN2017.pdf>

Update of membership

The number of the group members has steadily increased over the last few years and reached 41, including Coordinator and Board and Liaison members

Educational activities: Working Group Course "CKD: a rare disease in childhood" (A. Zurowska as organising person), Gdansk, 15th of June 2018

Pre-Congress Course CKD-MBD and Dialysis WG Master Class (D. Haffner and A. Edefonti as Chairmen) during the ESPN Congress in Antalya, 3rd of October 2018

Research activities: 1. In collaboration with the ESPN/ERA-EDTA Registry:

Time of initiation of dialysis and outcome in children in Europe (E. Preka, C. Stefanidis): submitted for publication

2. Update of other research activities:

-Ancillary article on influenza and pneumococcal vaccinations (S. Bakkaloglu et al.): sent for comments to the Dialysis WG members.

-Retrospective 1 year European survey on hospitalization in pediatric dialysis units (S. Bakkaloglu): participating units invited to complete the survey; those not yet participating invited to join the study

-Assessing calcium balance in children with CKD to optimize treatment strategies (R. Shroff): study in progress in only a few European units, due to the complexity of the study

-Ancillary studies from the 3H (HDF vs HD) study (R. Shroff): a description of the core study and the ancillary studies has been made

-Extra-corporeal modalities of desensitization of hyperimmunised children waiting for renal transplantation (F. Paglialonga, C. Schmitt): study protocol and forms of this retrospective 5 year survey, in collaboration with the ESPN Transplantation WG, completed; final approval by a transplant immunology expert awaited ,before sending the survey material to the WG members

-Pseudo-tumor cerebri and hypervitaminosis A in pediatric dialysis patients (C.Schmitt, B.Utsch): update presented by C. Schmitt

3. New proposals:

-Sleep disorders and quality of life in pediatric patients with ESRD on different dialysis methods (N. Printza et al.): protocol presented by dr. Stabouli and discussed by the Group; updated version, taking into account suggestions from the group will be sent to the Coordinator for final evaluation by the Board

Study on refugee pediatric patients on dialysis in Europe (L. Sartz, C.Stefanidis):protocol presented by dr. Sartz and discussed by the Group; distinction between refugees and immigrants is essential; collaboration with the Transplantation WG requested to B. Toenshoff as regards transplantation; updated version, taking into account suggestions from the group will be sent to the Coordinator for final evaluation by the Board

-Management of hypertension and dry weight in pediatric patients on dialysis in Europe
- an internet-based survey

(S. Lava, F. Paglialonga): discussion of the study proposed at the next group meeting

Guidelines under development

-Guideline on rhGH treatment in CKD and dialysis,in collaboration with the ESPN CKD-MBD and Transplantation Working Groups (D. Haffner et al.): article to be submitted to NDT by November 2018

-Clinical practice guidelines on vascular access for hemodialysis (C. Stefanidis, R. Shroff et al.): first

version of the article submitted for comments to the Dialysis WG members

Collaborations

1. Collaboration between the ESPN Dialysis WG and the ESPN/ERA-EDTA Registry will be implemented by the newly elected Vice-chair Enrico Vidal
2. Collaboration between the ESPN Dialysis WG, ESPN CKD-MBD WG and ESPN Transplantation WG was extremely fruitful and worth keeping on

ESPN Working Groups regulations

Replacement of one member of the Board and of the Coordinator of the Dialysis WG will take place at the beginning of 2019, according to the ESPN Council instructions.

Alberto Edefonti

Coordinator of the ESPN Dialysis Working Group