ESPN CKD-MBD
Working Group report

Rukshana Shroff
on behalf of the members of the ESPN CKD-MBD working group

February 2022

Coordinator: R Shroff
Board members: J. Groothoff, J. Bacchetta, S. Stabouli, C. Schmitt
Liaison with Transplant working group – A. Prytula
Recent publications:

1. **Bone evaluation in paediatric chronic kidney disease: clinical practice points from the European Society for Paediatric Nephrology CKD-MBD and Dialysis working groups and CKD-MBD working group of the ERA-EDTA.**

2. **Active vitamin D is cardioprotective in experimental uraemia but not in children with CKD Stages 3-5.**
Clinical studies in progress:

1. **Assessment of calcium balance in children with chronic kidney disease to optimise treatment strategies** (coordinator: R. Shroff)
   Joint venture: ESPN CKD-MBD & Dialysis WGs; ESPN grant 2016.02 (€15,000)
   The paper is under revision with Kidney International

2. **Hyperparathyroidism is an independent risk factor for allograft dysfunction in pediatric kidney transplantation** (coordinator: A Prytula)
   - To analyze the evolution of hyperparathyroidism following renal transplantation
   - Joint project: ESPN CKD-MBD and transplantation WGs and CERTAIN registry
   - Publication prepared and sent to all co-authors for comments. Will be submitted to cJASN.

3. **ESPN / ERKNet survey on the use of cinacalcet in children below 3 years of age** (coordinator J. Bacchetta)
   Joint venture: ESPN CKD-MBD & Dialysis WGs.

Guidelines in progress

1. **Management of CKD-MBD in infants** (coordinator J. Bacchetta)
   Collaboration of CKD-MBD and Dialysis WGs

2. **Diagnosis and management of cardiovascular disease in CKD** (coordinator R. Shroff & S. Stabouli).
   Will be divided into 2 or 3 guidelines.
   Collaboration of CKD-MBD, Dialysis and Transplant WGs
Webinars

None planned so far, but with ESPN + IPNA this year and hopefully more ‘live’ meetings, do you want us to have a webinar too?

- Please advice, and I will be happy to arrange it.
Paediatric Renal Nutrition Taskforce  
(coordinator R. Shroff)  
Collaboration of CKD and dialysis WGs, 14 members from Europe and North America; 7 nephrologists (5 are from Europe / all ESPN members) and 7 dietitians.

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<thead>
<tr>
<th>Clinical Practice Recommendations</th>
<th>Publication</th>
<th>Date of webinar</th>
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<tbody>
<tr>
<td>Assessment of nutritional status - kidney diseases</td>
<td>Online: (open access) DOI: 10.1007/s00467-020-04852-5</td>
<td>23rd Feb 2021 – recording on <a href="http://www.vitafl-o-via.com">www.vitafl-o-via.com</a></td>
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<td>Energy and protein requirements - CKD2-5D</td>
<td>Online: (open access) DOI: 10.1007/s00467-019-04426-0</td>
<td>14th April 2021 – recording on <a href="http://www.vitafl-o-via.com">www.vitafl-o-via.com</a></td>
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<td>Dietary management of calcium and phosphate - CKD2-5D</td>
<td>Online: (open access) DOI: 10.1007/s00467-019-04370-z</td>
<td>11th June 2021 – recording on <a href="http://www.vitafl-o-via.com">www.vitafl-o-via.com</a></td>
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<td>Dietary management of potassium - CKD2-5D</td>
<td>Online: (open access) DOI: 10.1007/s00467-021-04923-1</td>
<td>13th July 2021 – recording on <a href="http://www.vitafl-o-via.com">www.vitafl-o-via.com</a></td>
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<td>Delivery of a nutritional prescription by enteral tube feeding - CKD2-5D</td>
<td>Online: (open access) DOI: 10.1007/s00467-020-04623-2</td>
<td>19th October 2021 – recording on <a href="http://www.vitafl-o-via.com">www.vitafl-o-via.com</a></td>
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<td>Obesity and metabolic syndrome - CKD2-5D and on dialysis</td>
<td>Online: (open access) DOI: 10.1007/s00467-021-05148-y</td>
<td>24th February 2022 – recording on <a href="http://www.vitafl-o-via.com">www.vitafl-o-via.com</a></td>
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https://www.espn-online.org/nutrition-taskforce/
Paediatric Renal Nutrition Taskforce - Ongoing activities:

I. Guidelines under preparation:
   1. Nutritional management in AKI
   2. Vitamins, minerals and trace elements
   3. Dietary fibre

II. Research grant:
   Topic:
   Funding: ESPN research grant (€15,000; awarded to Dr Evelien Snauweart)
   + Vitaflo Research funding £20,000 + applied to Kidney Research UK (outcomes will be announced next month)

III. Producing resources for Health Care Providers and for children and families

IV. Dissemination activities:
   - regular webinars for each guideline
   - Full day CME event at ESPN 2022 (funded by Vitaflo)
   - Presentation at the Annual Dialysis Conference
   - Working with dietitians and doctors in the following regions to adapt all our information sheets to regional dietary practices (including translation into local languages) – Middle East, Turkey, India (& neighboring countries)