

## ESPN research grant 2016 final report

Rukshana Shroff (CKD-MBD WG)

*Assessing calcium balance in children with chronic kidney disease to optimise treatment strategies (Cal-Bal study)*

With the calcium balance project we have published the first paper which is on healthy children: [Naturally occurring stable calcium isotope ratios in body compartments provide a novel biomarker of bone mineral balance in children and young adults.](#)

Shroff R, Fewtrell M, Heuser A, Kolevica A, Lalayiannis A, McAlister L, Silva S, Goodman N, Schmitt CP, Biassoni L, Rahn A, Fischer DC, Eisenhauer A, Shroff R, et al. J Bone Miner Res. 2020

The work on 'Stable calcium isotopes: a novel biomarker of bone mineralisation in children with chronic kidney disease' has been accepted for oral presentations at:

1. UK Kidney Week – received a best abstract award
2. ASN

The paper is under preparation. We have / will of course acknowledge the ESPN grant for all work related to this.

Dr Rukshana Shroff  
Consultant Paediatric Nephrologist  
UCL Great Ormond Street Institute of Child Health  
London, UK.