

3rd ANNUAL KIDNEY CONGRESS & 16th International Conference on NEPHROLOGY & THERAPEUTICS

October 19-20, 2018 | New York, USA

Use of dialysis in acute kidney injury in pediatrics

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Aim: To study the use of Dialysis in Acute Kidney Injury (AKI) in different clinical conditions in pediatric practice in a tertiary care hospital.

Method: It's a direct prospective study done in the Paediatric Department of SCB Medical College, Cuttack, Odisha, India. The child admitted with a clinical feature of AKI was taken into study. Total numbers of cases taken in the study from January 2015 to December 2017 were 48. AKI due to severe malaria (n=18), septicaemia (n=14), vasculotoxic snake bite (n=8), severe dehydration (n=6), complicated urinary tract infection (n=2) were included. The data obtained were analyzed and statistically validated.

Results: Prerenal was the most common cause of AKI needing dialysis.

Conclusion: The dialysis done in the early phase of clinical condition reduces the mortality due to ARF.

Biography

Mangal Charan Murmu (Age: 44yrs) completed his MBBS (1991-97) from MKCG Medical College, Berhampur and he obtains his MD (Pediatrics-1999-2002) from VSS Medical College, Burla, Sambalpur. Now he is working as Associate Professor in SCB Medical College, Cuttack, Odisha, India. He has got 5 international, 15 national and 20 state publications. He is the examiner of both Undergraduate & Postgraduate for West Bengal Health University, Chhattisgarh Health University, Andhra Health University, Manipur Health University.

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