



The Pattern Of The Use Of Antibiotics For Surgical Prophylaxis In Pediatric Patients In A Tertiary Care Hospital – A Prospective Cross Sectional Observational Study

Chinmay Kumbhar

Bombay Hospital Institute of Medical Science, Mumbai, Maharashtra, India.

Abstract: Surgical site infections are the 2nd most common type of nosocomial infections. Peri-operative antibiotic prophylaxis is widely used to reduce the occurrence of SSI according to the guidelines encompassing the need of antibiotics, the correct drug choice, the timing of dosage before incision, the dose and the duration of antibiotics and need for repeat dosing of antibiotics in prolonged surgeries. To know about the pattern of use of pre-operative antibiotics for prophylaxis in a tertiary care hospital in the paediatric population with respect to the need and choice of antibiotics, time and duration and dosage of administration and need of repeat dosing. Age group 1 month to 18 years posted for elective surgery. Exclusion criteria: Dirty infected wound. Statically significant sample size of 100 elective pediatric surgeries were observed without the knowledge of the surgeon, anaesthetist or the operation theatre staff. The necessary details were recorded on a predesigned proforma.

Biography: Dr. Chinmay Kumbhar is a 3rd year post-graduate resident in Pediatrics, at the prestigious Bombay Hospital Institute of Medical Science, Mumbai. Having graduated from the well known, Seth GS Medical College and KEM Hospital, he carries a special interest in antibiotic stewardship, as he realizes the need of the hour in the current clinical scenario.
drchinmaykumbhar.ped@gmail.com



Publications: 1. Plumb L, Oni L, Marks S, Tullus K. Paediatric antineutrophil cytoplasmic antibody (ANCA)-associated vasculitis: an update on renal management. *Pediatr Nephrol.* 2018; 33: 25-39
2. Basu N, Watts R, Bajema I, Baslund B, Bley T, Boers M. EULAR points to consider in the development of classification and diagnostic criteria in systemic vasculitis. *Ann Rheum Dis.* 2010; 69:1744-1750
3. Noone D, Hebert D, Licht C. Pathogenesis and treatment of ANCA-associated vasculitis-a role for complement. *Pediatr Nephrol.* 2018; 33: 1-11.
4. Twilt M, Benseler S. Childhood antineutrophil cytoplasmic antibodies associated vasculitides. *Curr Opin Rheumatol.* 2014; 26:50-55.
5. Siomou E, Tramma D, Bowen C, Milford DV. ANCA associated glomerulonephritis/systemic vasculitis in childhood: clinical features-outcome. *Pediatr Nephrol.* 2012; 27 :1911-1920.

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