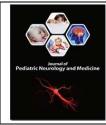
ISSN: 2472-100X

Journal of Pediatric Neurology and Medicine

Open Access



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

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Abstract: Surgical site infections are the 2nd most common type of nosocomial infections. Perioperative 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. Stastically significant sample size of 100 elective pediatric surgeries were observed without the knowledge of the surgeon, anaesthesist or the operation theatre staff. The necessary details were recorded on a predesigned proforma.

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24th Annual Congress on Pediatrics & Neonatology, June 08-09, 2020

Abstract Citation : Chinmay Kumbhar, <u>The Pattern Of The Use Of Antibiotics For Surgical Prophylaxis In</u> <u>Pediatric Patients In A Tertiary Care Hospital – A Prospective Cross Sectional Observational Study</u>, <u>PEDIATRIC CARE 2020, 24th Annual Congress on Pediatrics & Neonatology, June 08-09, 2020</u>

2012; 27 :1911-1920.

