

Pediatric antibiotic prophylaxis

Surgical antibiotic prophylaxis (SAP) in [pediatric neurosurgery](#) has poorly been characterized until now. A review gives an overview on the current literature extracting recommendations and guidelines.

The current literature on SAP with special focus on pediatric neurosurgical procedures was reviewed. Further, available recommendations in online databases were checked. Clean neurosurgical, shunt, and implant surgeries are considered separately.

To date, evidence-based data on SAP in pediatric neurosurgery remain sparse and there are no standardized approaches to an adequate use of antimicrobial agents for SSI prevention for this age group.

Due to statistical needs, multi-center surveillance studies are needed for implementing SAP recommendations in pediatric neurosurgery ¹⁾.

¹⁾

Knerlich-Lukoschus F, Messing-Jünger M. Prophylactic antibiotics in pediatric neurological surgery. Childs Nerv Syst. 2018 Jun 16. doi: 10.1007/s00381-018-3864-0. [Epub ahead of print] PubMed PMID: 29909503.

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