

26th World Nutrition Congress

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Association between maternal and child nutritional status (aged 2-5 years) in an urban slum of Delhi, India

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Purpose: The goal is to optimize the anesthetic aid for bone-plastic operations in orbit with double access (tranconjunctival or transorbital in combination with transnasal endoscopic access). The tasks are 1. To evaluate the efficacy of combined general anesthesia with sevoflurane, propofol with regional anesthesia, including: palatine access to the wing-palatal anesthesia (palatinal); infraorbital anesthesia; the van Lint block; application anesthesia; 2. To evaluate the safety this investigation.

Materials and Methods: The object of the study is children aged 4 to 17 years. Premedication is not performed. For all children in all groups, the induction of anesthesia is performed by inhaling sevoflurane through the facial mask with the preliminary filling of the respiratory circuit of the anesthesia apparatus with a gas-drug mixture with an anesthetic content of 7-8% by volume. Maintenance of anesthesia during spontaneous breathing through ETT is carried out as follows: inhalation of sevoflurane in an air-oxygen mixture with an O₂ content of 40% and an anesthetic concentration of 0.7-0.9 MAK and intravenous injection of propofol at a dose of 2 mg/kg immediately after induction; regional anesthesia: anterior-temporal blockade, Wang Lint block, infraorbital anesthesia and palatine anesthesia, application anesthesia.

Biography

Swati Jain is presently working as an Asst. Prof in Lady Irwin College, University of Delhi. She completed her PhD in Life Sciences from the Defense Institute of Physiology and Allied Sciences, Delhi, India. She is a qualified nutritionist. Her PhD thesis and research work was focused on appetite regulation, specifically on a nutritional approach for sustenance during conditions of food shortage. During that time she has published extensively in international scientific research journals and was awarded a fellowship for her research and international Travel Grant Awards from Indian Council of Medical Research and Department of Biotechnology. She has also written health magazines as a nutrition expert and has travelled internationally for conferences. Before, she had studied at University of Delhi for her Masters and Bachelors in Food and Nutrition. Her main research interest areas have centered on mechanism based nutrition studies, intervention research focused on nutrition issues related to chronic disease risk reduction and self-management; child growth and malnutrition.

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