

Aim

Learn to identify indications and contraindications for topical, infiltration and blok anesthesia in the maxillofacial area in children, to study the specifics of local anesthesia techniques and possible complications during local anesthesia, their prevention, learn to provide medical care for children with complications of local anesthesia.

Thematic plan

1. Psychophysiological features of children and the implementation of anesthesia in dentistry
2. The emotional state of children when visiting the dentist and the types of behavioral reactions
3. Correction of the child's condition and behavior in a pediatric dental clinic
4. Anatomical and topographical features of the maxillofacial region and the technique of anesthesia in children Features of the structure and anesthesia of the jaw bones

Thematic plan

Types of local anesthesia.

2. Anesthetics used for local anesthesia in children.
3. Indications and contraindications for topical, infiltration and blok anesthesia in the maxillofacial region in children.
4. Rules and techniques for local anesthesia.
5. Possible complications during local anesthesia.
6. Fundamentals of medical care for complications of local anesthesia.

Thematic plan

- Local anesthetic drugs
- Anesthetic Dosage in Children
- General anesthesia in the outpatient practice of a pediatric dentistry
- Methods of sedation

Theoretical questions

1. Premedication and common complications in dental practice.
4. General anesthesia in pediatric dental practice. Types of anesthesia, indications and contraindications.
3. Emergency treatment for complications of local anesthesia. Their prevention and resuscitation in childhood.

Theoretical questions

1. Types of local anesthesia in pediatric dentistry.
2. Indications for topical anesthesia. Technique, anesthetics.
3. Rules for injecting anesthesia.
4. Indications for infiltration anesthesia in the maxillofacial region. Technique, anesthetics.
5. Blok anesthesia: mandibular, palatal, incisal. Technique. Indications. Anesthetics.

Practical work (tasks)

1. Determine indications and contraindications for topical, infiltration and block anesthesia in the maxillofacial area in children.
2. Choose the right anesthetic and calculate its dosage.
3. To carry out all types of local anesthesia in the maxillofacial area, depending on the type of surgical intervention.
4. Warn possible complications during local anesthesia.
5. Provide medical assistance to the child in case of development of complications after local anesthesia.

Outcome requirements

Tasks for self-control

1. Describe the age characteristics of the behavior of children.
2. Features of mandibular anesthesia in children.
3. Sketch the classification of local anesthesia in children.
4. Preparations for de-salinization - their features and pokosaniya for use in children
5. Common complications of injection anesthesia (syncope, collapse, anaphylactic shock).
6. Local complications of injection anesthesia (hematoma, inflammatory contracture of the lower jaw, infection, needle fracture, soft tissue necrosis, traumatic neuritis, etc.).



