

PREMEDICATION PROTOCOLS IN DENTAL PRACTICE IN NON-ALLERGIC PATIENTS

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ABSTRACT

The aim is to present some of the most prescribed premedication schemes prior to an upcoming dental analgesia in non-allergic patients. These schemes we would like to be proved as "standard protocols" in dental practice.

Key words: Premedication protocols, non-allergic patients, dental analgesia

Premedication protocols prior dental procedures

(usually including and under dental anaesthesia) are usually discussed (1, 3, 5). When choosing a drug for premedication it is of a great importance to know the benefits, the contraindications and the possible side effects that must be complied with the general condition of the patient (4,5,6). Some of the most commonly prescribed schemes we proposed and presented in two categories: non-allergic patients negative to skin testing to local anaesthetics and non-allergic patients positive to skin testing.

Table 1. Premedication protocols in patients with *negative skin testing* for hypersensitivity to local anaesthetics

Drugs		Premedication scheme
H1 blockers:		
Cetirizine hydrochloride (Zyrtec)	10 mg/ daily	3 days prior and 3 days after dental procedure
Levocetirizine hydrochloride (Xyzal)	5 mg daily	
Loratadine (Claritine, Rolettra)	10 mg daily	
Desloratadine (Aerius)	5 mg daily	
Fexofenadine (Telfast, Ewofex)	120 mg/ 180 mg daily	
H2 blockers:		
Ranitidine hydrochloride (Ranitidine, Zantac)	300 mg daily	3 days prior and 3 days after dental procedure
Famotidine (Quamatel, Famotidine)	40 mg daily	
Vitamins:		
Ascorbic acid (Vitamin C)	1000 mg daily	3 days prior and 3 days after dental procedure

*The suggested protocols are adapted for children older than 6 years.

Table 2. Premedication protocols in patients with *positive skin testing* for hypersensitivity to local anaesthetics

Drugs		Premedication scheme
H1 blockers:		
Cetirizine hydrochloride (Zyrtec)	10 mg/ daily	5 days prior and 5 days after dental procedure
Levocetirizine hydrochloride (Xyzal)	5 mg daily	
Loratadine (Claritine, Rolettra)	10 mg daily	
Desloratadine (Aerius)	5 mg daily	
Fexofenadine (Telfast, Ewofex)	120 mg/ 180 mg daily	

H2 blockers:		
Ranitidine hydrochloride (Ranitidine, Zantac)	300 mg daily	5 days prior and 5 days after dental procedure
Famotidine (Quamatel, Famotidine)	40 mg daily	
Vitamins:		
Ascorbic acid (Vitamin C)	1000 mg daily	5 days prior and 5 days after dental procedure
Corticosteroids:		
Prednisolone tabl.	4 x 5 mg daily	5 days prior and 5 days after dental procedure

*The suggested protocols are adopted for children older than 6 years.

CONCLUSION

It should be noted that the recommended pre-medication protocols are tentative and the approach should be always individual. The pre-medication schemes should be administrated after consultation and skin testing performed by an allergist.

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