

NAMCOLD

A combination of (Nimesulide 100 mg+Cetirizen 5 mg + Pseudoephedrine 120 mg SR)

Therapeutic synergy

1. Cetirizine - antihistaminic, intracellular adhesion molecule-1 inhibitor control the symptoms of rhinitis or secretions
2. Pseudoephedrine - alpha 2 agonist control the symptoms of nasal congestion since it controls the inflamed nasal mucosa & thereby improving nasal patency or sinus drainage
3. Nimesulide - inhibits COX-2 mediated prostaglandins, free radicals, proteolytic enzymes and histamine thereby controlling symptoms of inflammation including headache, fever.

Clinical Efficacy - In a large study involving patients with allergic rhinitis, the combination of Cetirizine & Pseudoephedrine SR was found to be more effective compared to monotherapy for controlling the symptoms of nasal obstruction, rhinorrhea, sneezing, nasal pruritus, ocular pruritus.¹⁷

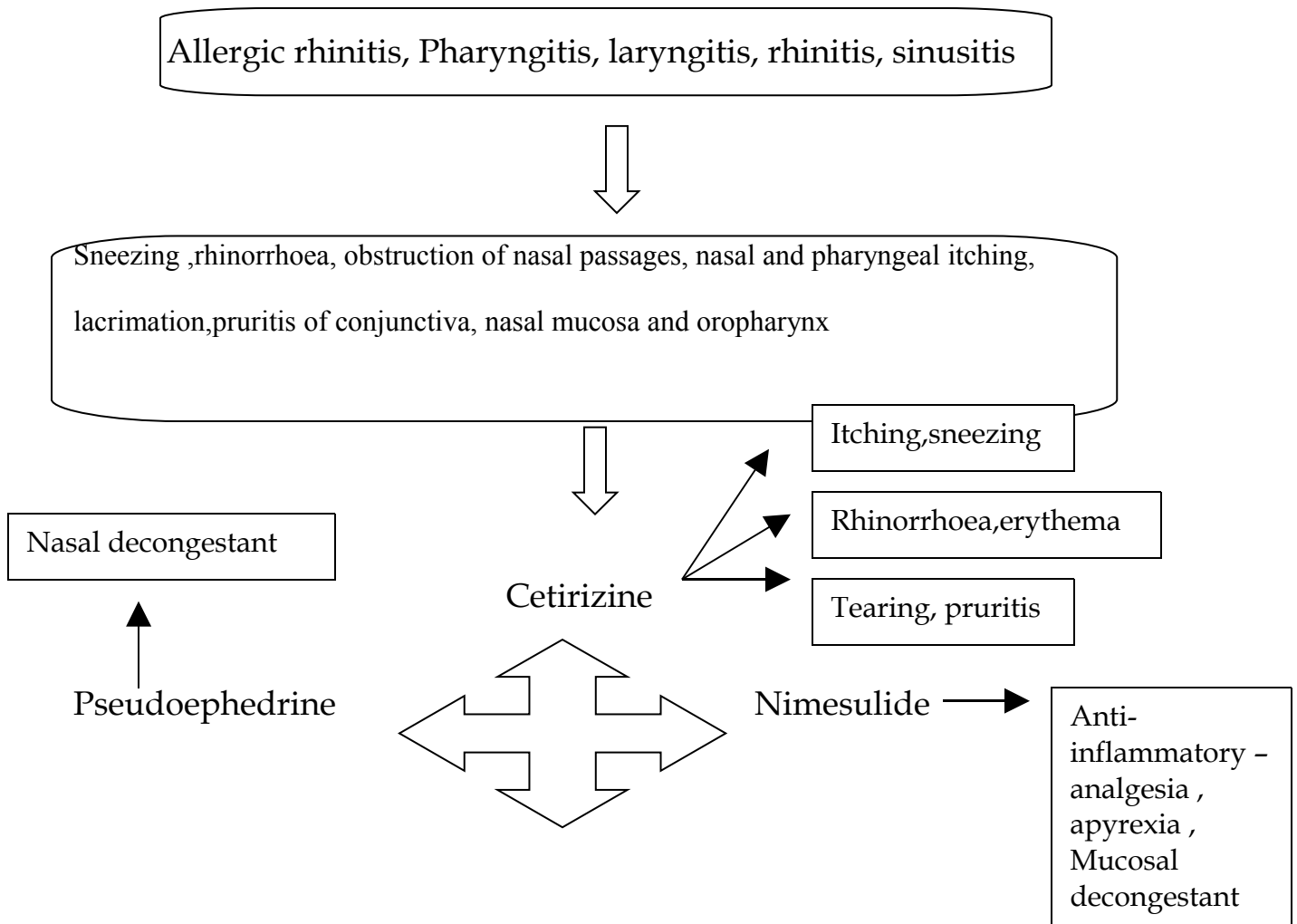
Early onset of action

The early onset with cetirizine or nimesulide ensures better control of nasal or nonnasal symptoms to allow smooth effects of Pseudoephedrine. In fact in a trial evaluating the effect of Cetirizine & Pseudoephedrine, an early onset of ≈ 30 mins¹⁸ was observed with the combination.

Compliance

Most of the patients with Upper respiratory allergic conditions require antihistaminic, nasal decongestant, analgesic or antipyretic & antitussives or expectorants for effective amelioration of the symptoms.

Above Fixed dose Combination would be effective in providing early response or control from these symptoms with single tablet thereby improving compliance.



References :

1. Grosclaude M et al Cetirizine and pseudoephedrine retard given alone or in combination in patients with seasonal allergic rhinitis. *Rhinology* 1997;35:67-73
2. Horak F et al Efficacy and safety relative to placebo of an oral formulation of cetirizine and sustained release pseudoephedrine in the management of nasal congestion. *Allergy* 1998;53:849-56

