

Nasal Decongestant

- These agent are alpha adrenergic agonist.
- This medication is used for temporary relief of congestion in the nose caused by various conditions including common cold, sinusitis, hay fever and allergies.
- It works by vasoconstriction of the nose, reducing inflammation (swelling) and mucus formation.
- Eg. Oxymetazoline, xylometazoline, phenylephrine, pseudoephedrine

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Dosage Form



Tablet

pseudoephedrine,
phenylephrine



Nasal Spray

oxymetazoline,
xylometazoline



Nasal Drops

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Adverse Effect

common side-effects: Temporary burning, stinging, dryness in the nose, and sneezing may occur.

Serious side-effects: Hypertension, sleeplessness, anxiety, dizziness, excitability, and nervousness.

Prolong use: Impaired mucosal ciliary function: atrophic rhinitis and anosmia

- rebound congestion (>7days)

Topical Administration: may absorbed from the nose and produce systemic effects - CNS depression and produce rise in BP.

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