

NACURES

Acetylcysteine 600 mg Film Coated Tablets
and 5 ml Injection

**CLEAR THE
CLOG**

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and 5 ml Injection

Description:

N-Acetylcysteine (NAC) is the N-acetyl derivative of the natural amino acid, L-cysteine.

Indications:

NACYRES 600 Tablets & 5 ml Injection are indicated as adjuvant therapy for patients with abnormal, viscid, or inspissated mucus secretions in such conditions as:

- Chronic bronchopulmonary disease (chronic emphysema, emphysema with bronchitis, chronic asthmatic bronchitis, tuberculosis, bronchiectasis, and primary amyloidosis of the lungs)
- Acute bronchopulmonary disease (pneumonia, bronchitis, tracheobronchitis)
- Pulmonary complications of cystic fibrosis
- Tracheostomy care
- Pulmonary complications associated with surgery
- Use during anesthesia
- Post-traumatic chest conditions
- Atelectasis due to mucus obstruction
- Diagnostic bronchial studies (bronchograms, bronchspirometry, and bronchial- wedge catheterization)

Mode of Action:

As a Mucolytic Agent:

The viscosity of pulmonary mucus secretions depends on the concentrations of mucoprotein. The latter increases with increasing purulence owing to the presence of cellular debris. The mucolytic action of acetyl cysteine is related to the sulfhydryl group in the molecule. This group “opens” disulphide linkages in the mucus, thereby lowering the viscosity.

As an Antioxidant:

Increasing evidence shows that oxidative stress plays a major role in the development of various human diseases. The imbalance between oxidants and antioxidants is caused by an increased number of oxidants and/or deficiencies in the antioxidant system.

Dosage and Administration:

One 600 mg oral **NACYRES 600 Tablets** daily is recommended for adults and adolescents, aged 14 years and older.

NACYRES 200 mg/ml Injection: An initial dose of 150 mg/kg in 5% dextrose over 15 minutes, followed by 50 mg/kg in 500 mL of 5% dextrose over 4 hours and 100 mg/kg in one litre of 5% dextrose over the next 16 hours (total dose: 300 mg/kg in 20 hours).

The recommended dose for most patients is 3 ml to 5 ml of the 20% solution three to four times a day through nebulization.

Packaging Information:

NACYRES 600 TABLETS: Strip of 10 Film Coated tablets

NACYRES 5 INJECTION: 5 * 5 ml Ampoules

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