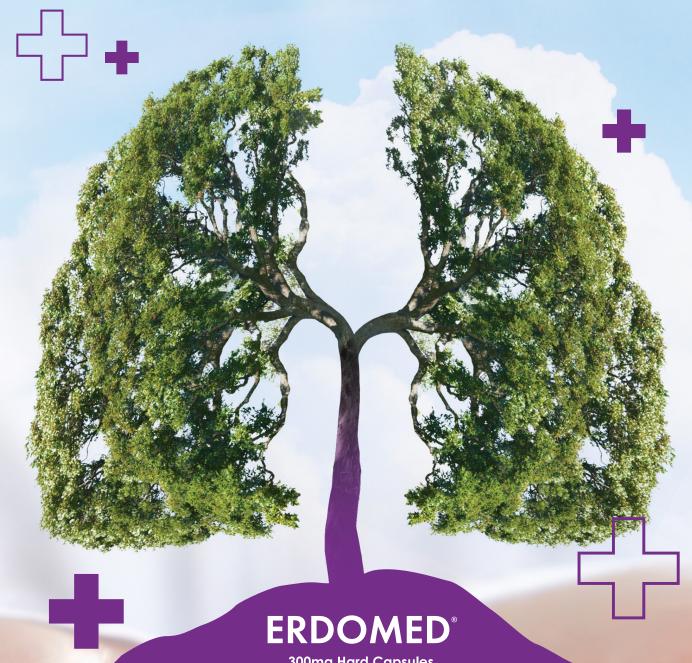
Discover the

boost

with Mucolytic[©]



300mg Hard Capsules
Erdosteine

Indicated for acute and chronic respiratory disorder associated with excessive mucus production

Erdomed® Therapeutic Benefit 1:

+ SUPERIOR MUCOLYTIC EFFICACY

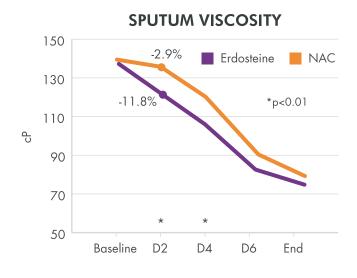
• Key Actions of Erdomed®:

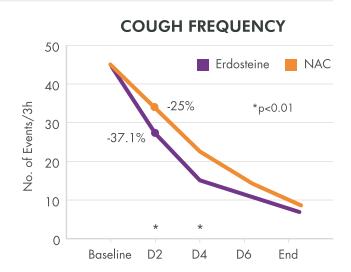
Reduce sputum elasticity and viscosity

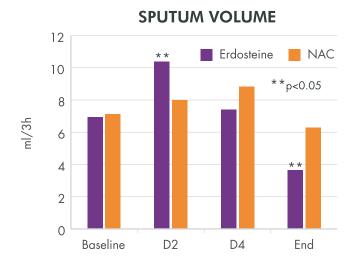
Reduce mucus hypersecretion & sputum clearance lmprove mucociliary clearance

Faster Onset with Superior Efficacy Over N-acetylcysteine

Erdomed® acts significantly faster in reducing sputum viscosity and cough frequency as compared to NAC by Day 21







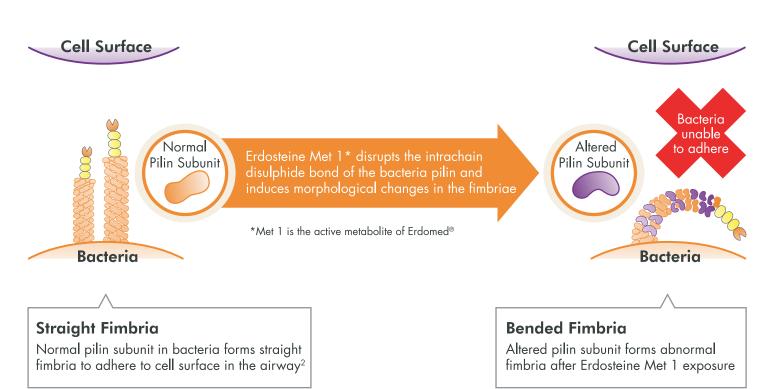
Erdosteine group experienced 38% more reduction in sputum volume as compared to NAC group by the end of treatment (p<0.05)¹

Erdomed® Therapeutic Benefit 2:

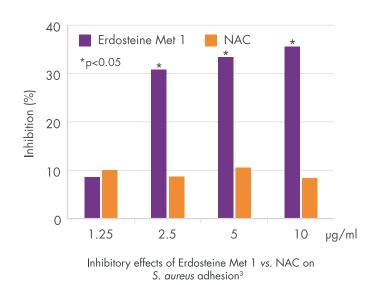
+ ANTIBIOTICS BOOSTER

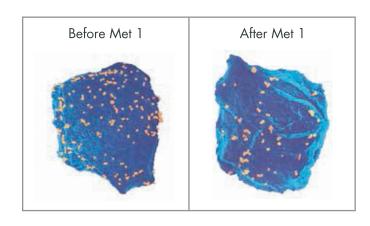
Erdomed® and its active metabolite (Met 1) boosts antibiotic treatment by:

1 Direct Reduction in Bacterial Adhesion²



Erdosteine Met 1 is shown to reduce bacterial adhesion significantly in human mucosal cells³



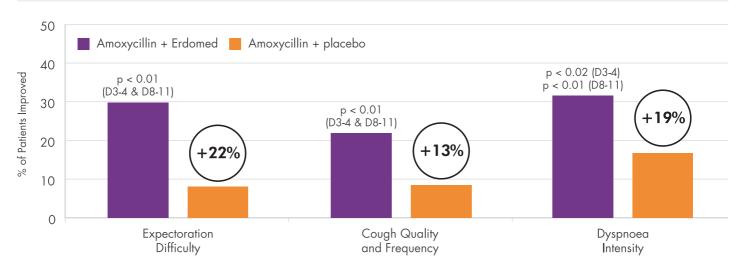


Scanning electron micrographs showing bacterial adhesion to epithelial buccal cells before and after exposure of S. aureus to 2.5µg/ml of Erdosteine Met 1³

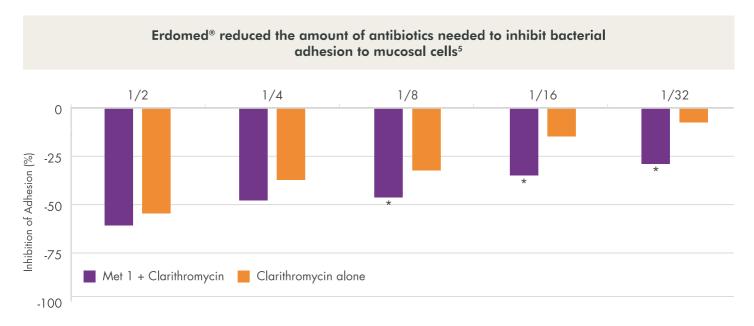
2 Synergism with Antibiotics

Erdomed® works synergistically with antibiotics to boost their effect and to improve clinical outcome⁴⁻⁶

Erdomed® in combination with Amoxycillin results in better and faster improvement in various clinical parameters, than Amoxycillin alone⁴



Various clinical parameters after treatment with Amoxycillin + Erdosteine or Amoxycillin + placebo



Effects of sub-minimum inhibitory concentrations (MICs) of Clarithromycin alone and in combination with Erdosteine Met 1 (10µg/ml) on *S. aureus* adhesion to human mucosal cells.⁵ *p≤0.05

Erdomed® Therapeutic Benefit 3:

A Boost to Your COPD MANAGEMENT

RESTORE STUDY⁸

Randomized, Double-Blind, Placebo-Controlled Study

The New GOLD Guidelines
Officially Recognize Superiority of
Erdosteine over Other Mucolytic in
Management of COPD.7

New in

GOLD
2021



Study subjects were receiving erdosteine 300mg BID or placebo on top of the standard therapies (bronchodilators, ICS, etc).

Beyond its Superior Mucolytic Benefits, Erdomed® Provides Additional Clinical Benefit to COPD Maintenance Therapy:





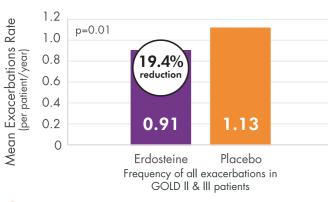


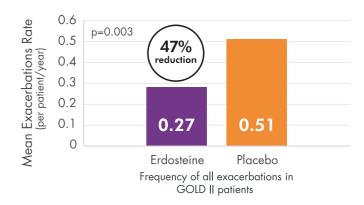


As add-on to standard maintenance therapy in COPD, Erdomed® has significantly shown to^{8,9}:

Reduce Exacerbation Frequency

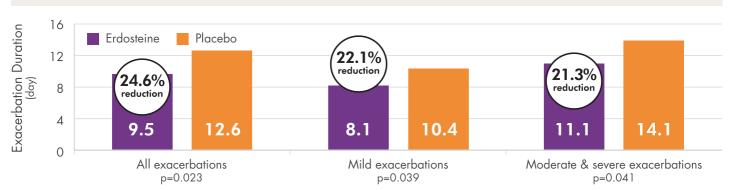
Erdosteine reduces exacerbation frequency in moderate to severe COPD patients, and even up to 47% reduction in GOLD II patients





2 Reduce Exacerbation Duration

Erdosteine reduces exacerbation durations by 24.6% for all types of exacerbation (p=0.023)⁸

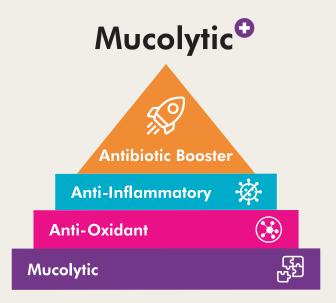


Mean exacerbation duration per patient/year

◆ Erdomed® (Erdosteine 300mg)

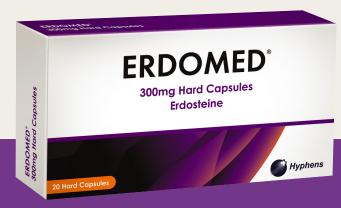
A Mucolytic+ that can do more

Erdomed® is the LATEST-GENERATION mucolytic with enhanced pharmacodynamics activities









Brief Prescribing Information

ERDOMED® 300 MG HARD CAPSULES

Composition: each hard capsule contains Erdosteine 300 mg. Therapeutic Indications: mucolytic agent for use in adults with acute and chronic respiratory disorders associated with excessive mucus production. Recommended Dosage: 1 capsule 2-3 times a day, for oral use. Contraindications: hypersensitivity to the active substance or to any of the excipients, children younger than 2 years, active peptic ulcer, hepatic cirrhosis, deficiency of the cystathionine-synthetase enzyme. Since there are no data in patients with renal failure with creatinine clearance < 25 ml/min or with severe liver failure, use of erdosteine is not recommended in these patients. Drug Interactions: no harmful interactions with other drugs have been reported therefore can be administered together with antibiotics and bronchodilators (such as theophylline or beta2-mimetics, cough sedatives). Pregnancy & Lactation: not recommended – safety in pregnancy and lactation have not been established. Storage: Do not store above 30°C. Pack Size: box of 2 x 10 blister strips.

For full prescribing information, kindly refer to package insert.

REFERENCES:

1. Zanasi A, Menarini A. Erdosteine versus N-Acetylcysteine in the treatment of exacerbation of chronic bronchopneumopathies: A double blind clinical trial. Med Praxis 1991; 12:207-217. 2. McMichael JC, Ou JT. Binding of lysozyme to common pili of Escherichia coli. J Bacteriol. 1979 Jun;138(3):976-83. 3. Braga PC, Dal Sasso M, Sala MT, Gianelle V. Effects of erdosteine and its metabolites on bacterial adhesiveness. Arzneimittelforschung. 1999 Apr;49(4):344-50. 4. Marchioni CF, Polu JM, Taytard A, Hanard T, Noseda G, Mancini C. Evaluation of efficacy and safety of erdosteine in patients affected by chronic bronchitis during an infective exacerbation phase and receiving amoxycillin as basic treatment (ECOBES, European Chronic Obstructive Bronchitis Erdosteine Study). Int J Clin Pharmacol Ther. 1995 Nov;33(11):612-8. 5. Braga PC, Zuccotti T, Dal Sasso M. Bacterial adhesiveness: effects of the SH metabolite of erdosteine (mucoactive drug) plus clarithromycin versus clarithromycin alone. Chemotherapy. 2001 May-Jun;47(3):208-14. 6. Dal SM, Bovio C, Culici M, Braga PC. The combination of the SH metabolite of erdosteine (a mucoactive drug) and ciprofloxacin increases the inhibition of bacterial adhesiveness achieved by ciprofloxacin alone. Drugs Exp Clin Res. 2002;28(2-3):75-82. 7. Global Initiative for Chronic Obstructive Lung Disease. Pocket Guide to COPD Diagnosis, Management and Prevention. A Guide for Health Care Professional. 2021. p.24. 8. Dal Negro RW, Wedzicha JA, Iversen M, Fontana G, Page C, Cicero AF, etc; RESTORE group; RESTORE study. Effect of erdosteine on the rate and duration of COPD exacerbations: the RESTORE study. Eur Respir J. 2017 Oct 12;50(4):1700711. 9. Calverley PM, Page C, Dal Negro RW, Fontana G, Cazzola M, Cicero AF, etc. Effect of Erdosteine on COPD Exacerbations in COPD Patients with Moderate Airflow Limitation. Int J Chron Obstruct Pulmon Dis. 2019 Dec 2;14:2733-2744.

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