

# MUCOTRYL Exactly the expected...

## When antibiotics alone are not sufficient...

In most respiratory infections the mucoid secretions pose a real danger, MUCOTRYL would solve this problem with its active ingredient Bromhexine, liquefies the thick mucus and enhances the availability of enrofloxacin in the targeted tissues.

Each 1ml Contains	Enrofloxacin	100 mg
	Bromhexine hydrochloride	10 mg

## How does MUCOTRYL work?



# MUCOTRYL

- Novel efficacy without causing toxicity.
- Expulsion of bronchial and tracheal secretions.

## Enrofloxacin

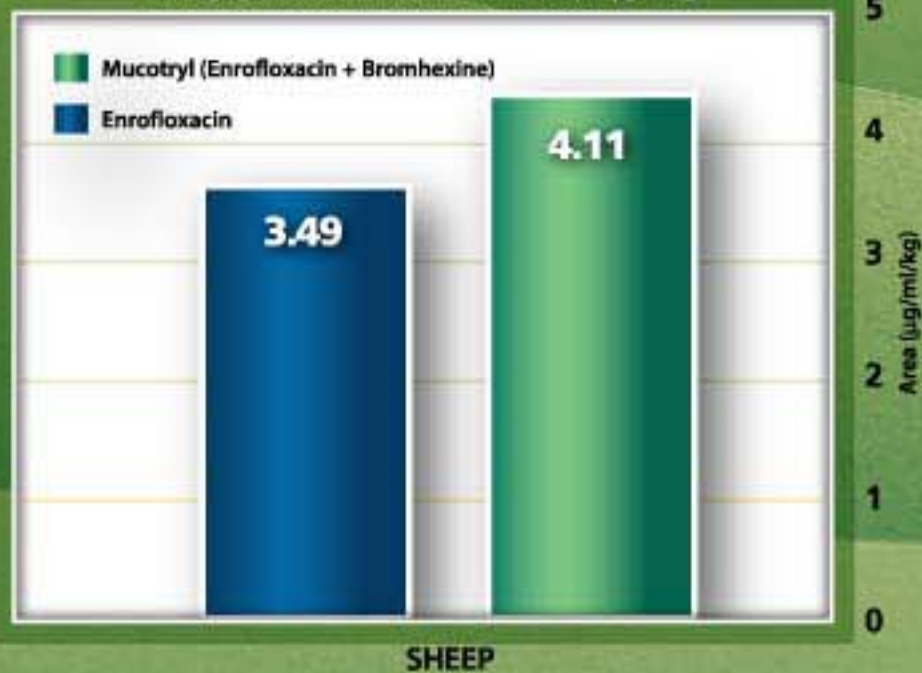
- **COVERS** wide spectrum of Gram-positive and Gram-negative bacteria including *Escherichia coli*, *Proteus mirabilis*, *Staphylococcus* spp., *Salmonella* and *Klebsiella pneumoniae*, to which Enrofloxacin had shown marked clinical efficacy.
- **WIDE** margin of safety.
- **INDICATED** for pneumonia and respiratory infections, cystitis, rhinitis, in addition to a wide range of both local and systemic infections.

## Bromhexine

- **LIQUEFIES** the thick mucus.
- **INCREASES** the concentration of Enrofloxacin in target tissues
- **PROMOTES** expulsion of mucoid secretion

## MUCOTRYL for a swift action...

Comparative AUC (Area Under disposition Curve) of single IM dose of 5 mg/kg Enro.+Brom. vs. Enrofloxacin in sheep in µg/ml/kg



SHEEP

\* This could be attributed to the fact that Bromhexine liquefies mucous and facilitate the deposition of Enrofloxacin in mucoid secretions.

By the unique augmenting mutual action in **MUCOTRYL** effective concentrations would be attained in ultra short times. Our studies shown that the combination **MUCOTRYL** would lead to enhanced absorption of enrofloxacin.

Pharmacokinetic parameters of single IM dose of 5 mg/kg of MUCOTRYL (Enro. + Brom.) vs. enrofloxacin in sheep

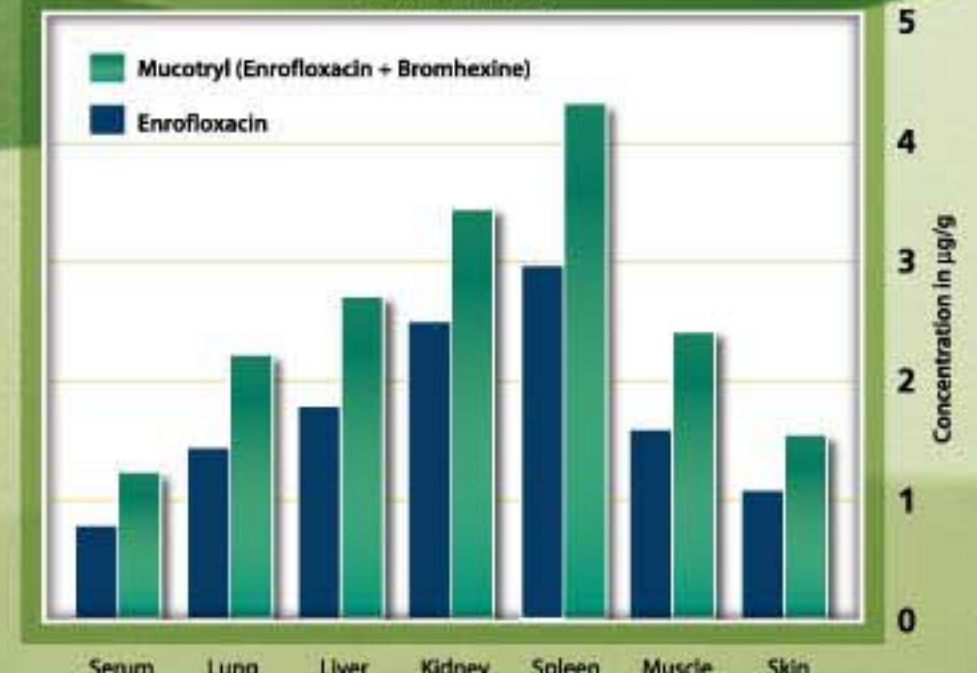


Time needed to reach maximum concentration

## When enhanced distribution is in need...

The superb combination of MUCOTRYL will insure the enhanced absorption of enrofloxacin.

Tissue concentration (µg/g) at 2 hours post oral dosing of 10 mg/kg body weight in poultry



ORGANS