

# CLOXY WS

## Doxycycline Hyclate/Colistin Sulphate Powder for oral administration

### COMPOSITION :

#### Each gram contains:

Doxycycline hyclate 100 mg  
Colistin sulphate 1 200 000 IU  
Excipients ad 1 g

### DISCRIPTION :

Doxycycline belongs to the group of tetracyclines and acts bacteriostatic against many Gram-positive and Gram-negative bacteria like Bordetella, Campylobacter, E. coli, Haemophilus, Pasteurella, Salmonella, Staphylococcus and Streptococcus spp. Doxycycline is also active against Chlamydia, Mycoplasma and Rickettsia spp. The action of doxycycline is based on inhibition of bacterial protein synthesis. Doxycycline has good affinity towards the lungs and is therefore especially useful for treatment of bacterial respiratory infections. Colistin is an antibiotic from the group of polymyxins with bactericidal action against mainly Gram-negative bacteria like E. coli, Haemophilus and Salmonella spp. Polymyxins interact strongly with phospholipids and penetrate into and disrupt the structure of cell membranes. Administered orally, colistin is poorly resorbed and therefore, performs its action predominantly gastrointestinally.

### INDICATIONS :

Gastrointestinal and respiratory infections caused by micro-organisms sensitive to doxycycline and/or colistin like Bordetella, Campylobacter, Chlamydia, E. coli, Klebsiella, Haemophilus, Mycoplasma, Pasteurella, Rickettsia, Salmonella, Staphylococcus and Streptococcus spp. in Calves, Goats, Poultry, Sheep and Swine.

### CONTRA-INDICATIONS :

Hypersensitivity to tetracyclines and/or polymyxins.  
Administration to animals with seriously impaired renal and/or hepatic functions, animals with an active microbial digestion or animals producing milk or eggs for human consumption.  
Concurrent administration of penicillins, cephalosporins, quinolones and cycloserine.

### SIDE EFFECTS :

Discoloration of teeth in young animals or hypersensitivity reactions may occur. Digestive alterations may appear, such as intestinal dysbiosis, accumulation of gases or mild diarrhoea.

### DOSAGE AND ADMINISTRATION :

For oral administration.

Calves, Goats and Sheep : Twice daily, 1g / 20kg body weight for 4 - 5 days.  
Poultry : 1kg / 2000 litres of drinking water for 4 - 5 days.  
Swine : 1 kg / 1000 litres of drinking water for 4 - 5 days.

Note: For pre-ruminant Calves, Lambs and Kids only. CLOXY WS is not for use in animals from which milk or eggs are produced for human consumption.

### WITHDRAWAL PERIOD :

For meat :

Calves, Goats and Sheep : 14 days.  
Swine : 8 days.  
Poultry : 7 days.

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