



AML



MEDVET

The evolution of antimicrobial resistance in dogs, cats and horses

Alisha Milis

Introduction

- Period = 2015 – April 2025
- Focus on urine, skin and ear infections
- Antibiotics:
 - Amoxicillin-Clavulanic acid
 - Clindamycin
 - Gentamicin
 - Enrofloxacin
 - Marbofloxacin
 - Doxycycline

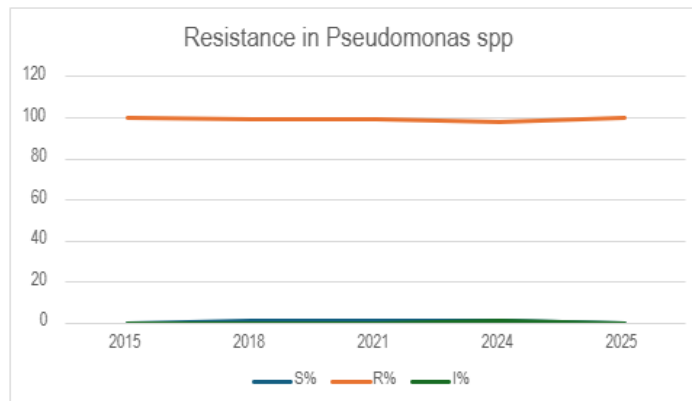
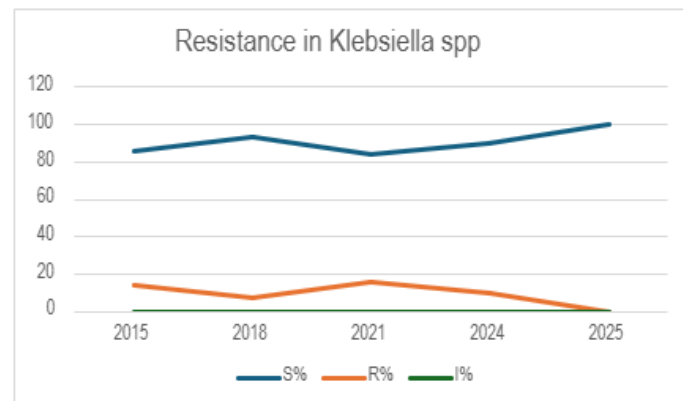
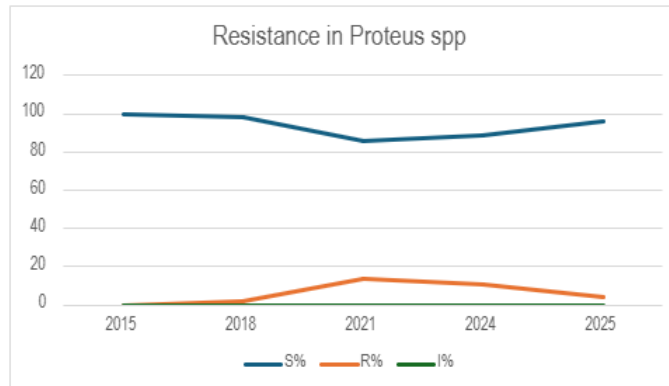
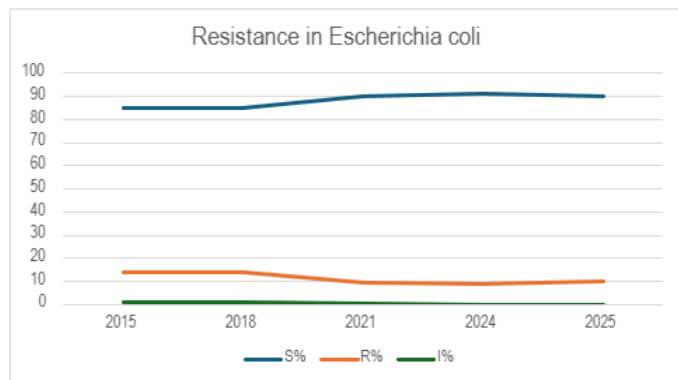


Urinary infections



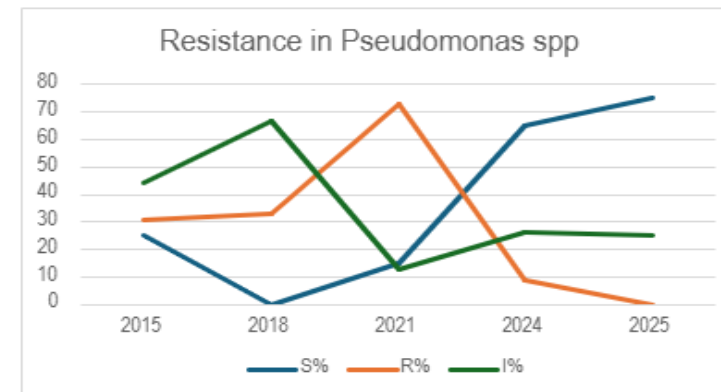
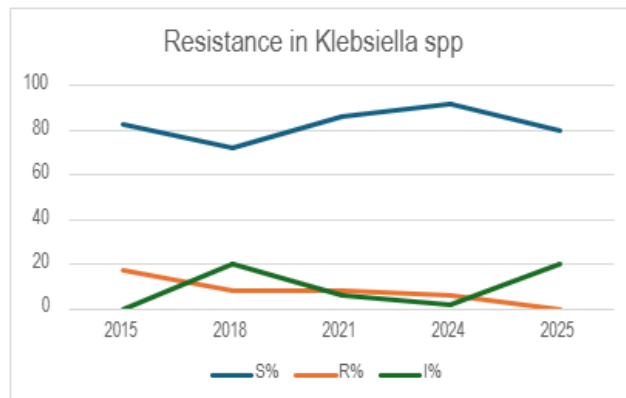
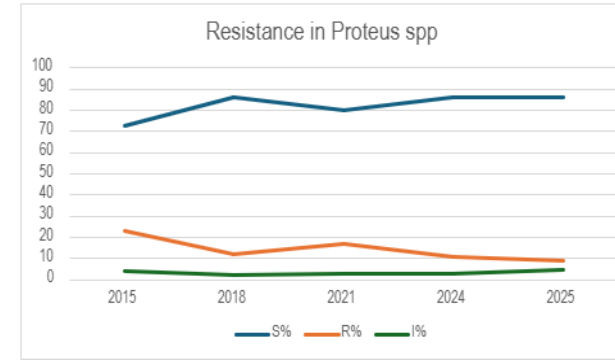
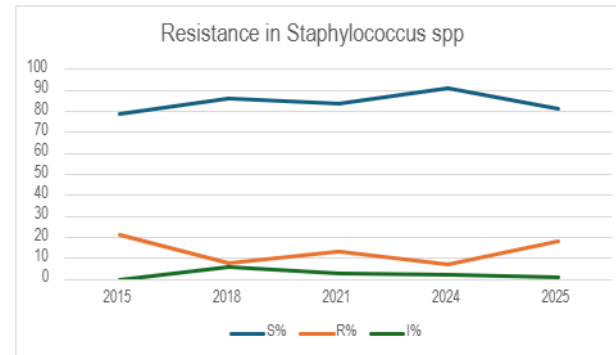
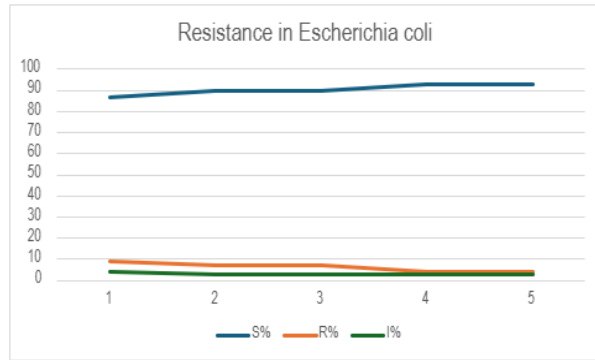
Urine dog

Amoxicillin – Clavulanic acid



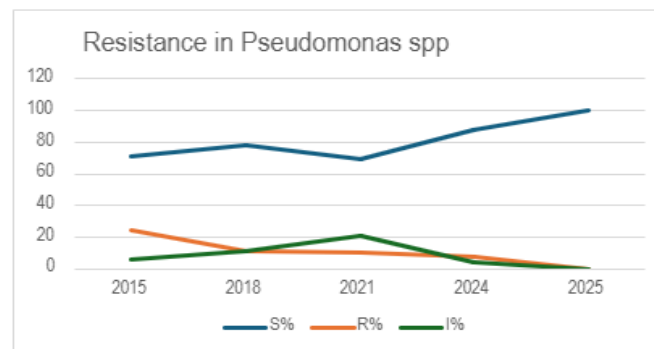
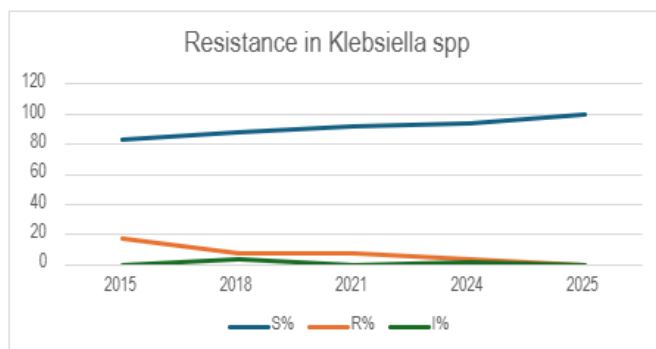
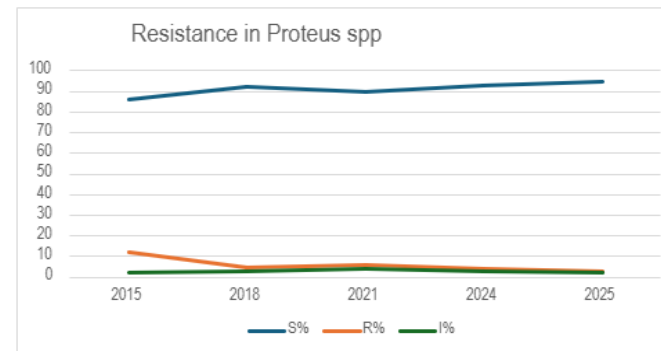
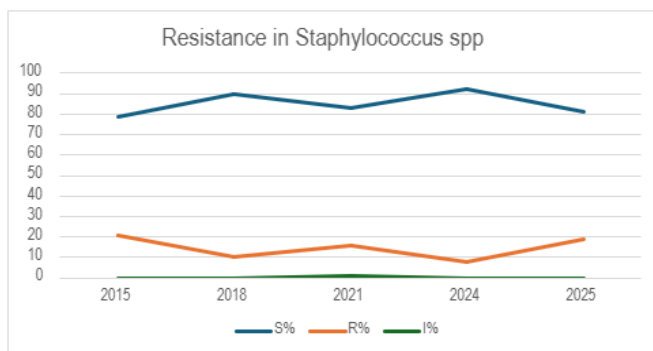
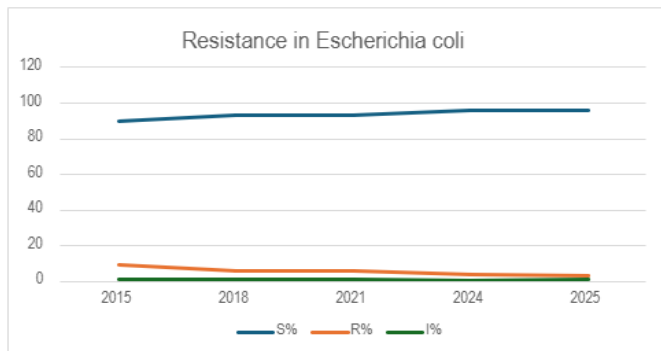
Urine dog

Enrofloxacin



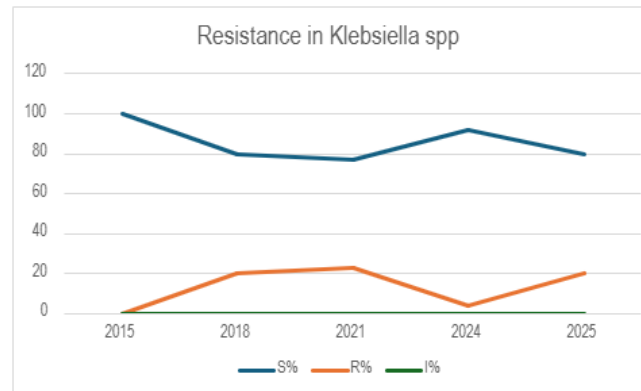
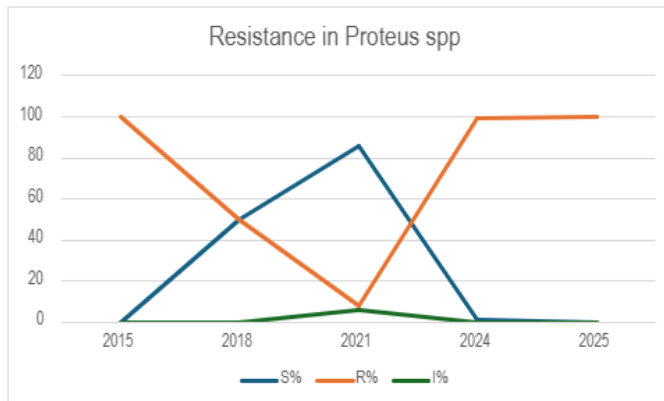
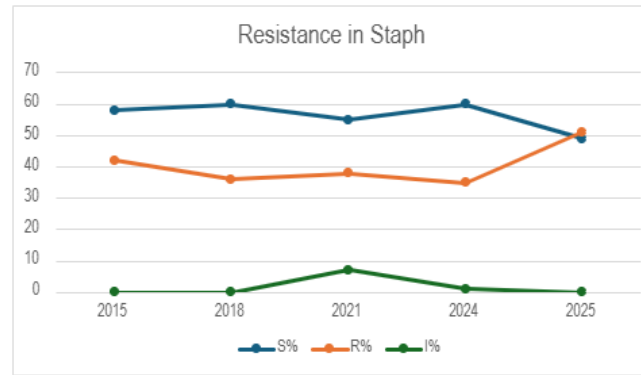
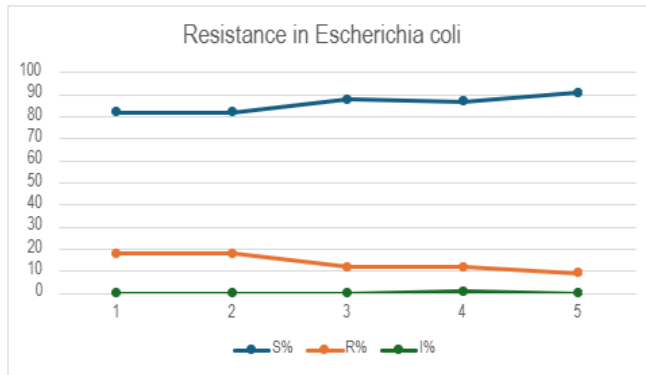
Urine dog

Marbofloxacin



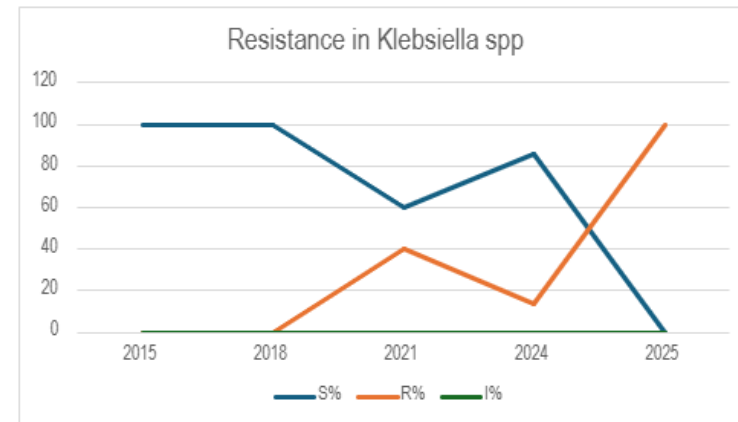
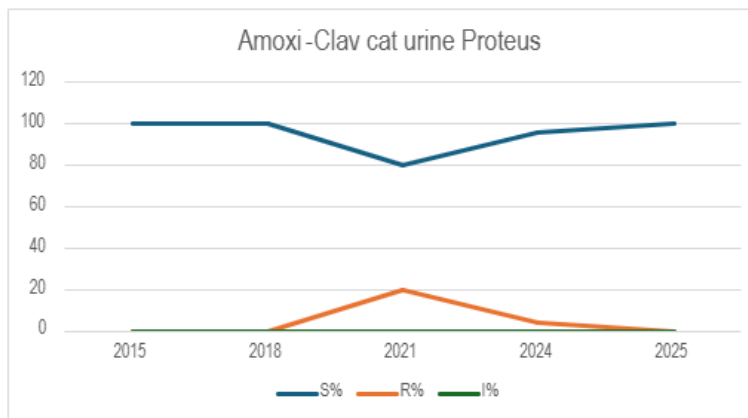
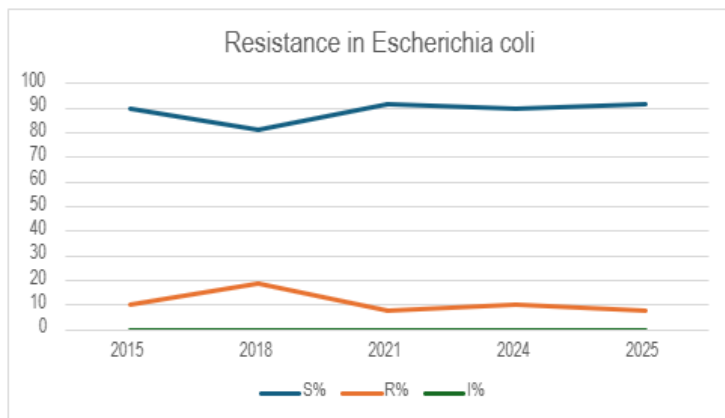
Urine dog

Doxycycline (proteus, klebsiella en pseudomonas)



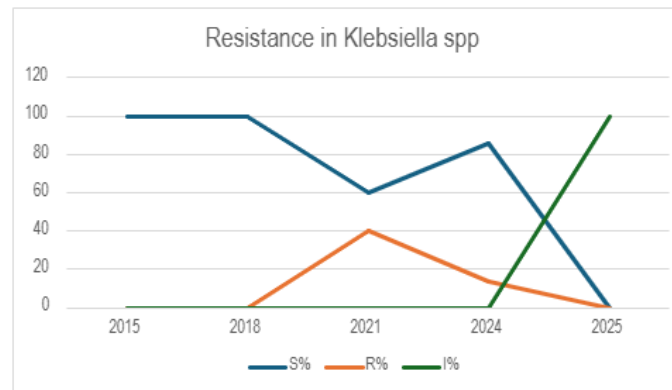
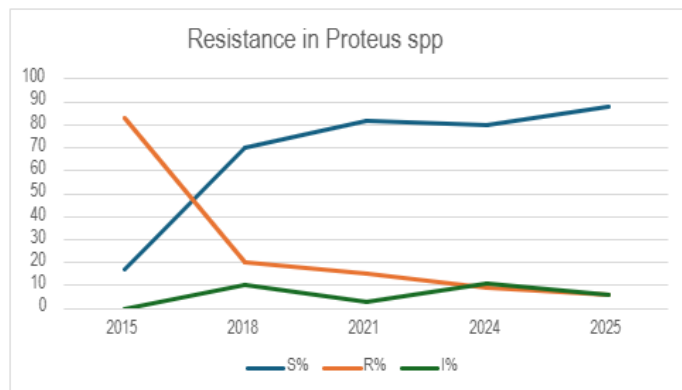
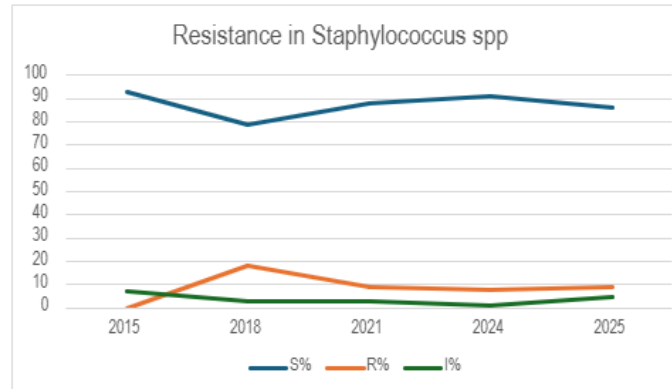
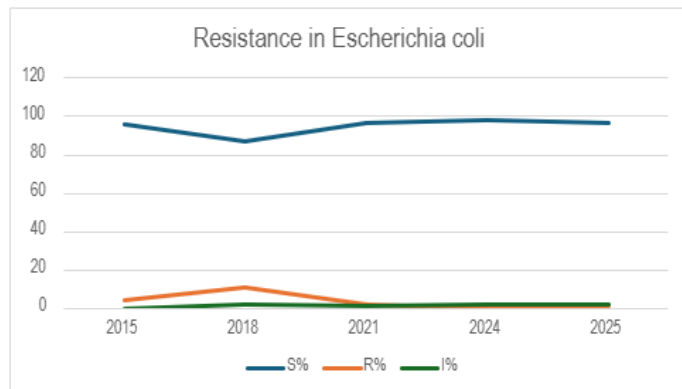
Urine Cat

Amoxicillin – Clavulanic acid



Urine cat

Enrofloxacin

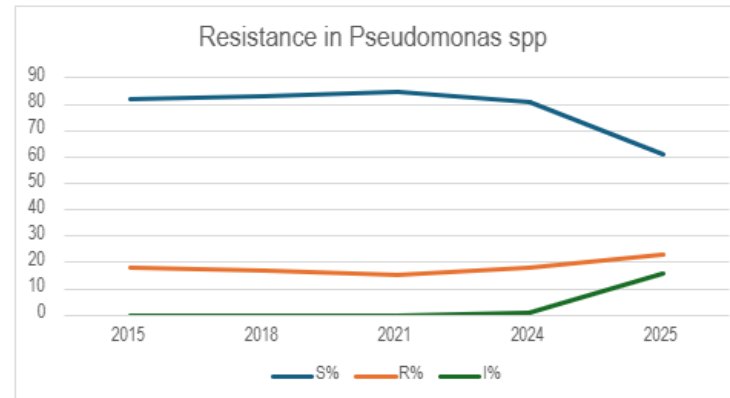
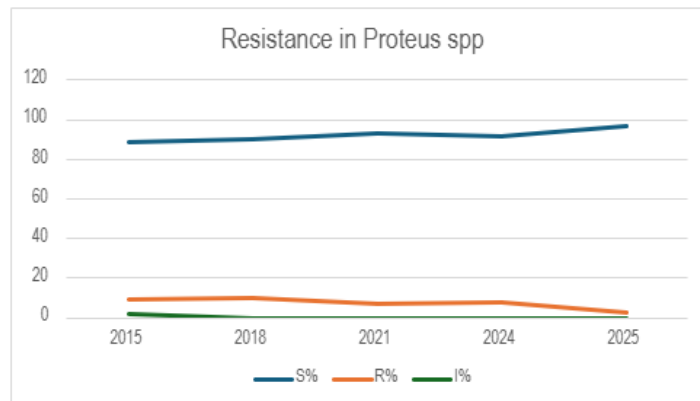
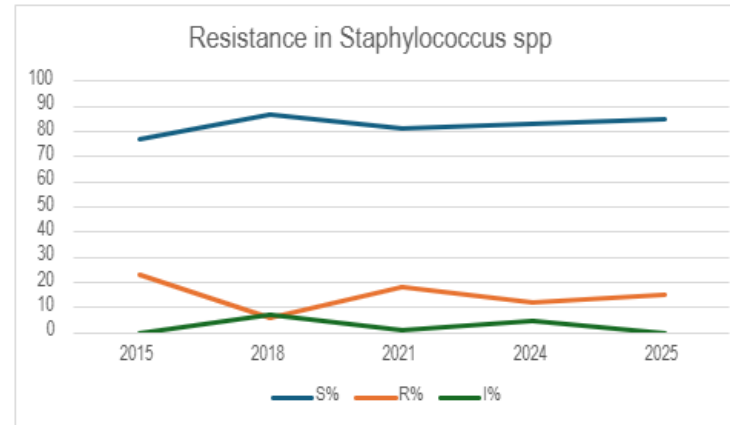
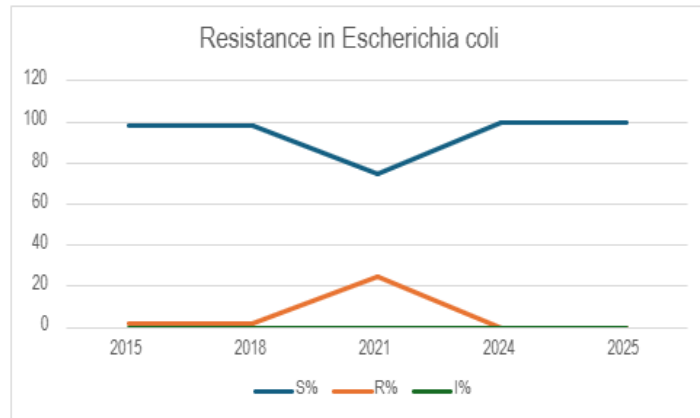


Ear infections



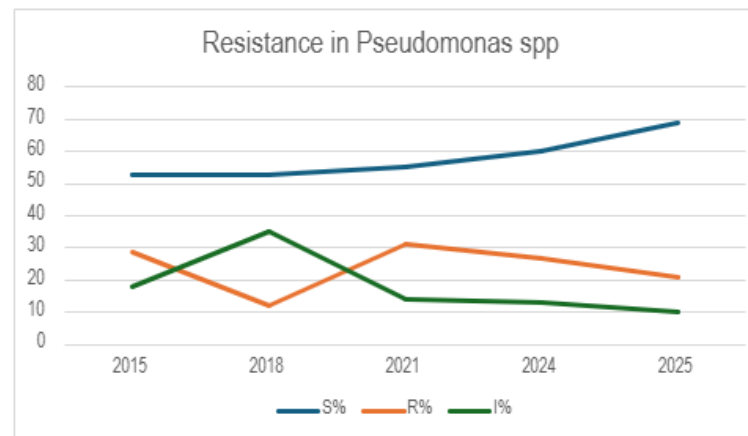
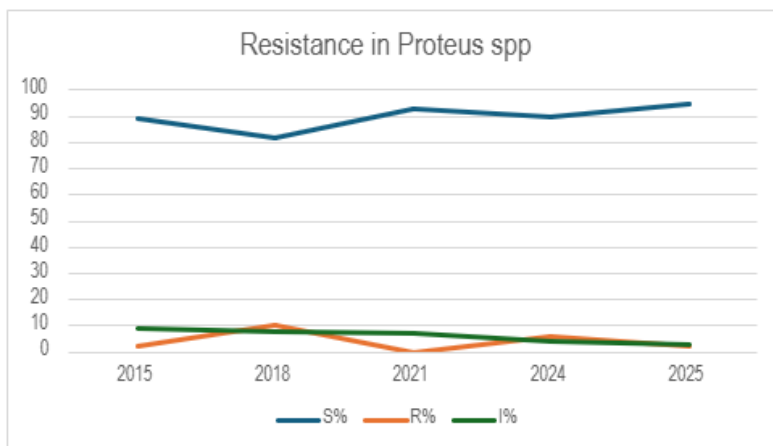
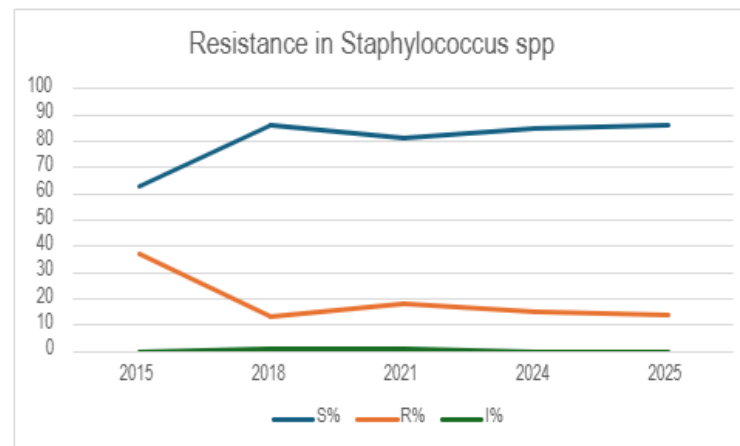
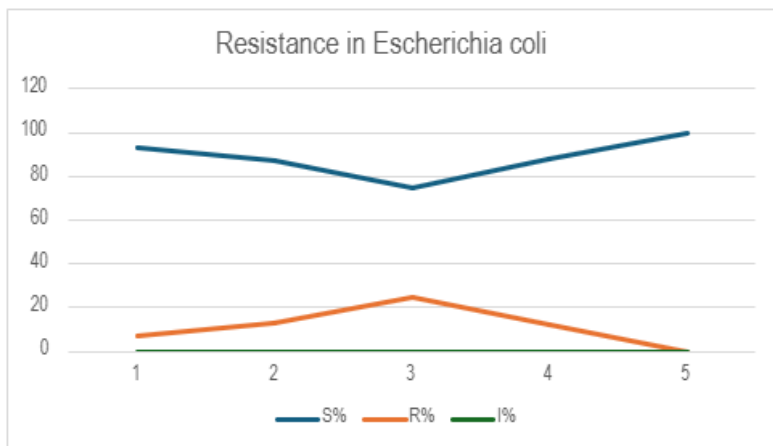
Ear dog

Gentamicin



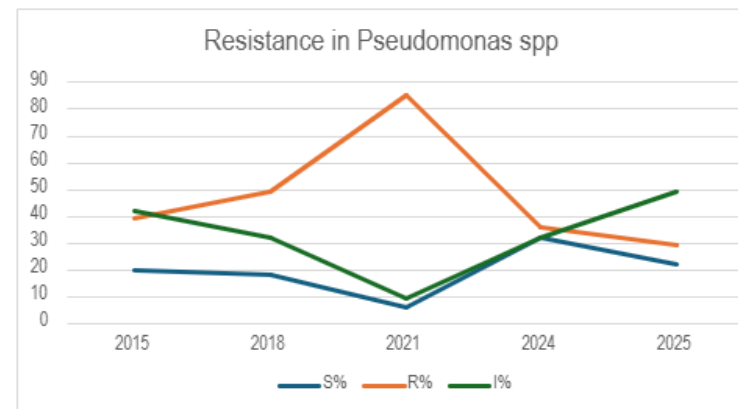
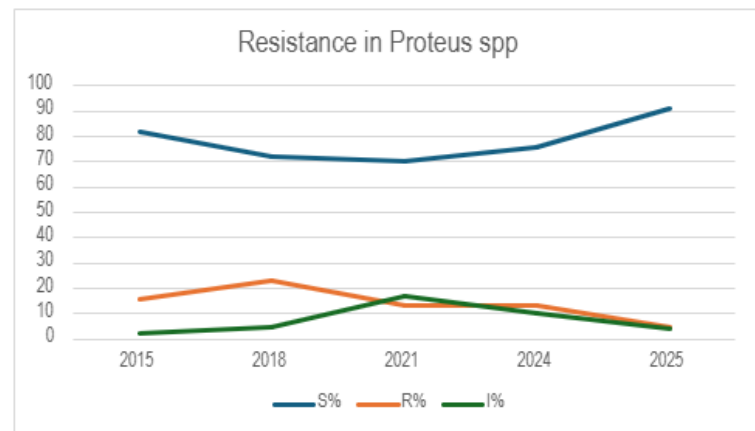
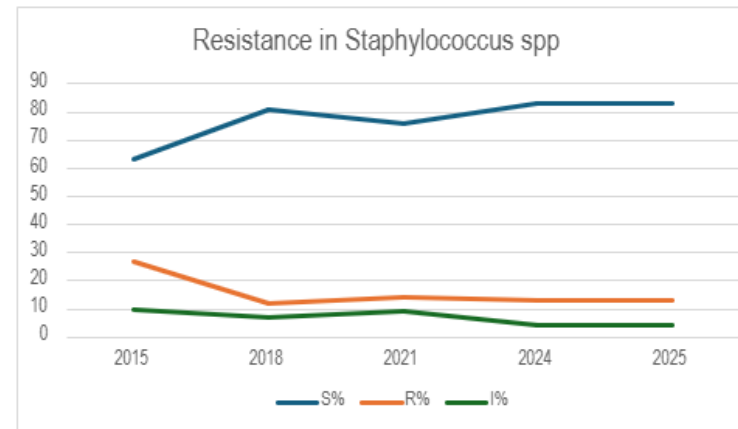
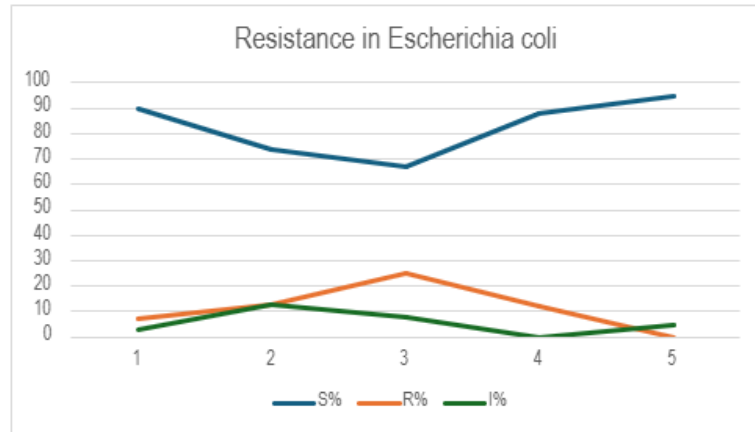
Ear dog

Marbofloxacin



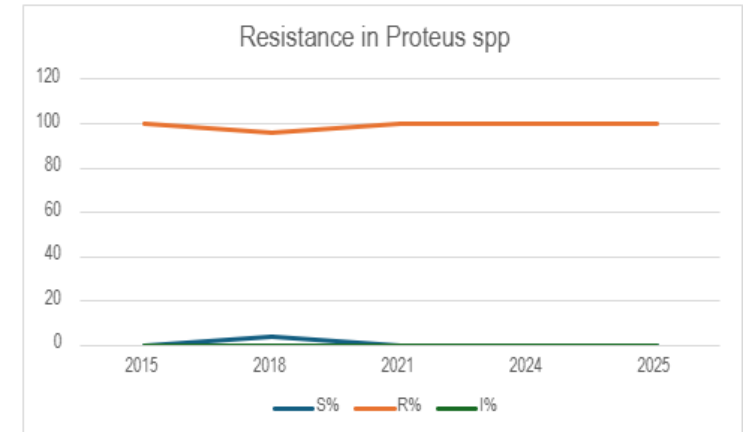
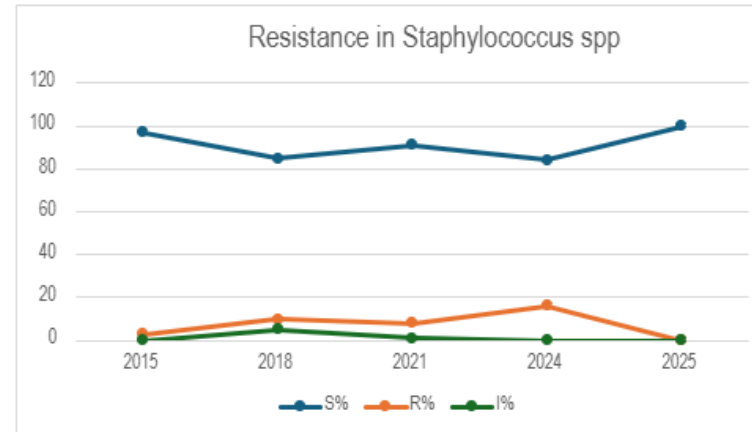
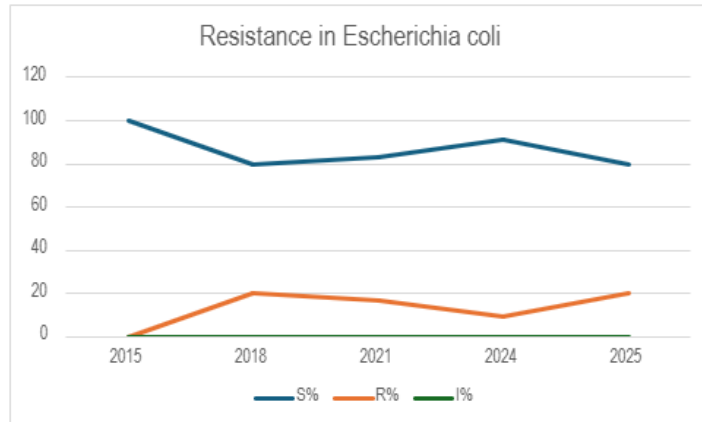
Ear dog

Enrofloxacin



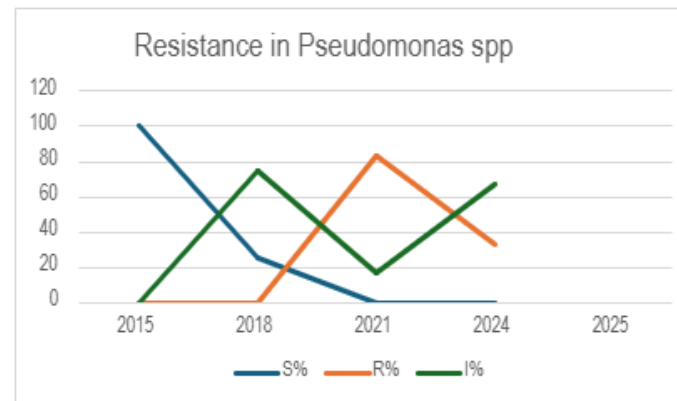
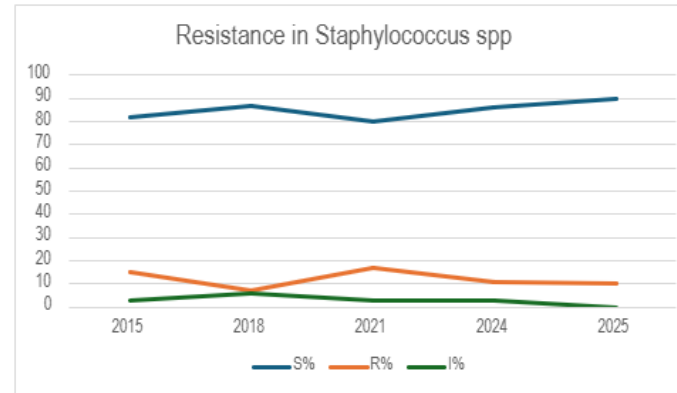
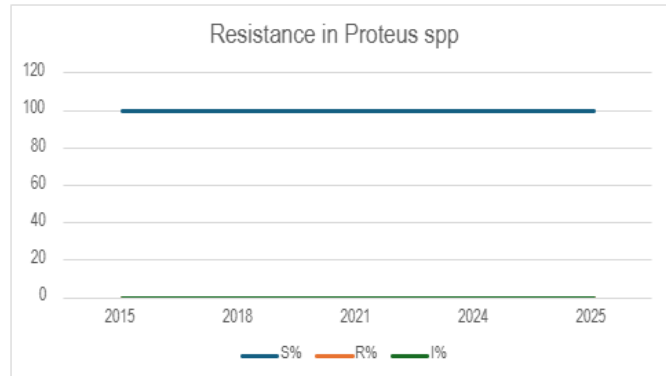
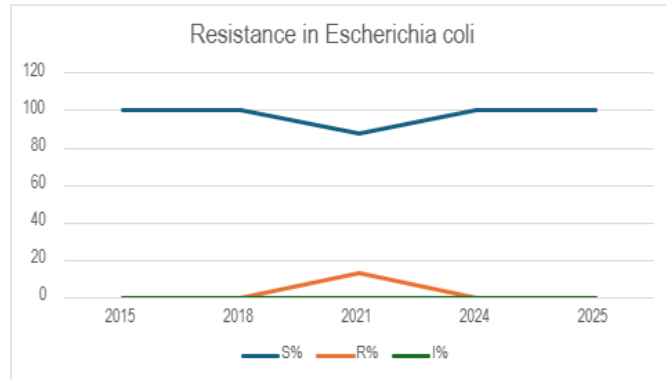
Ear Cat

Doxycycline



Ear Cat

Enrofloxacin

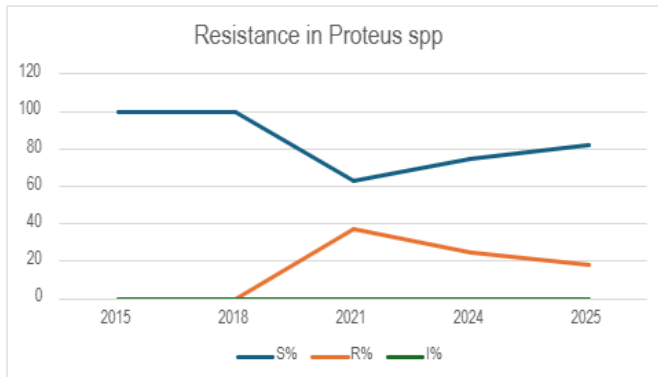
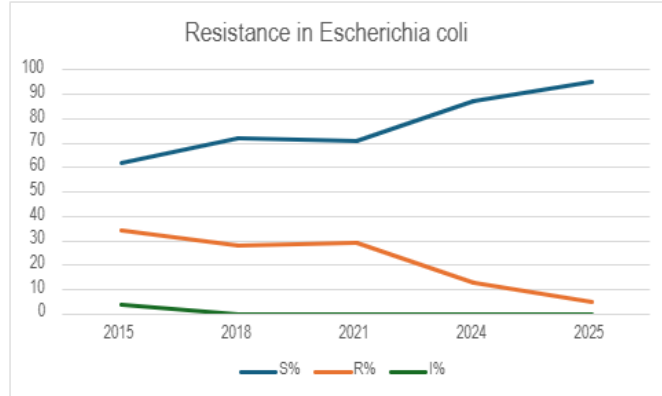


Skin infections

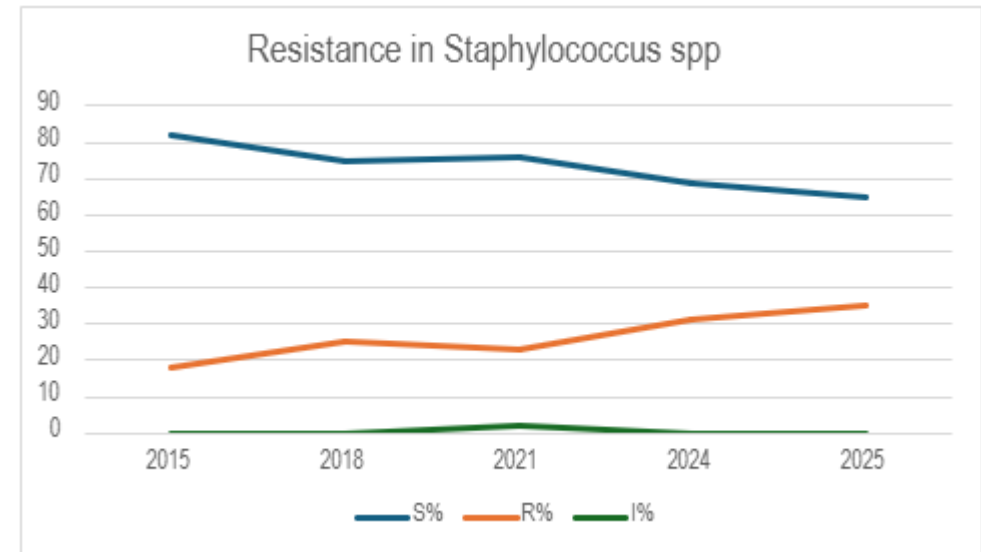


Skin dog

Amoxicillin – Clavulanic acid

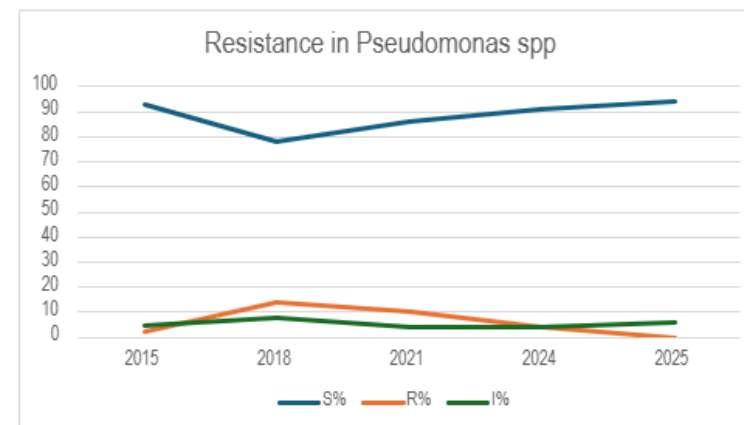
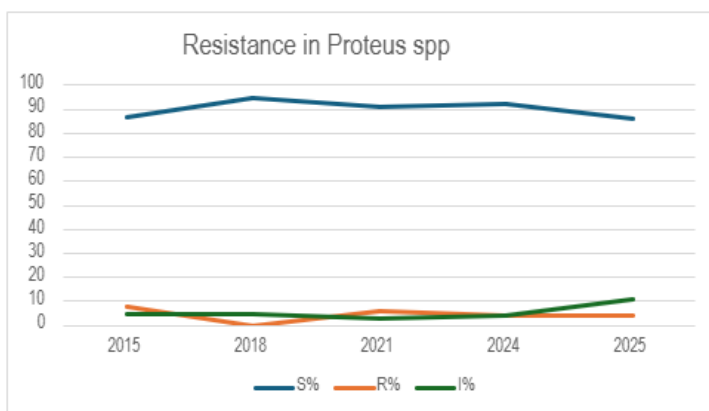
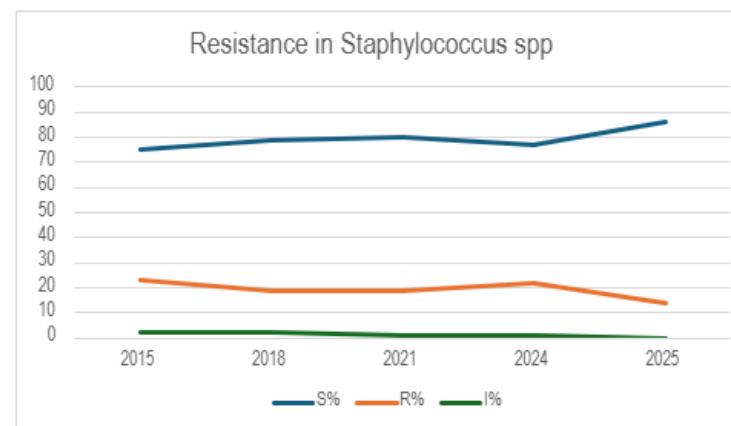
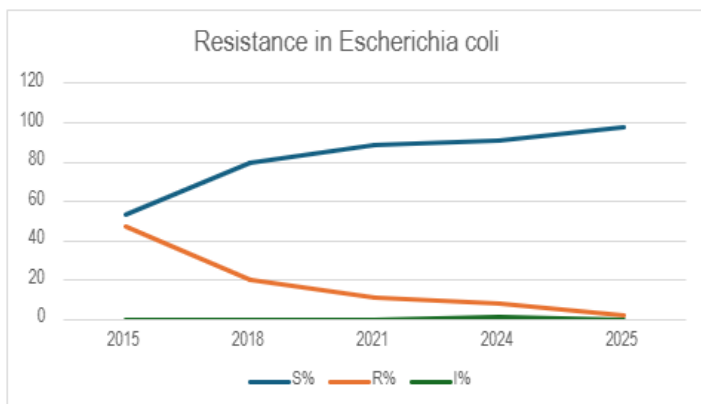


Clindamycin



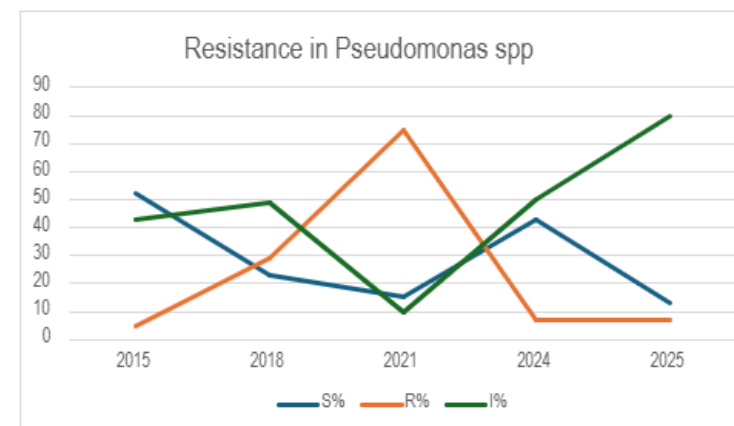
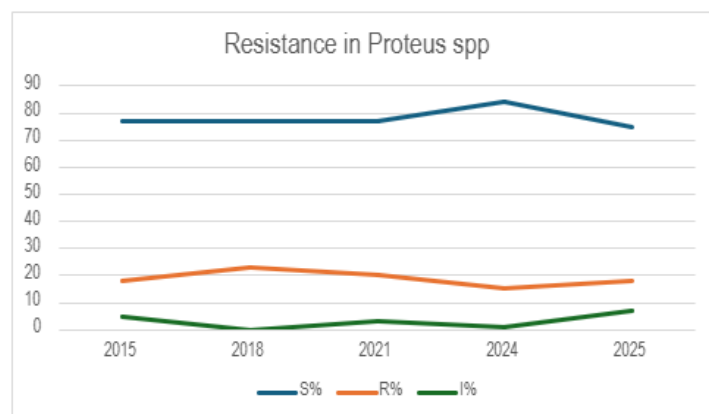
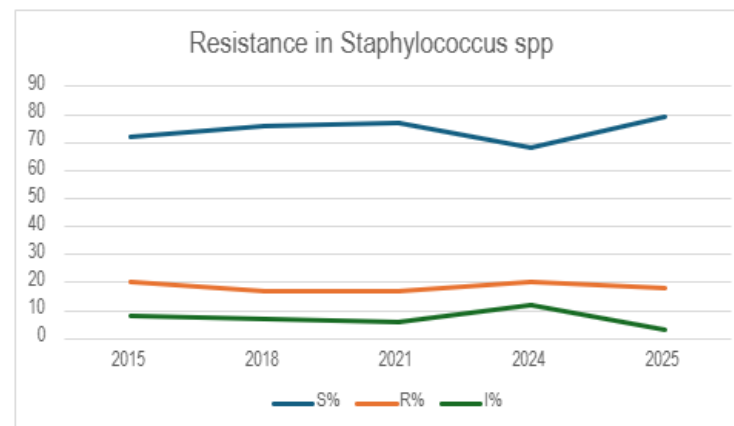
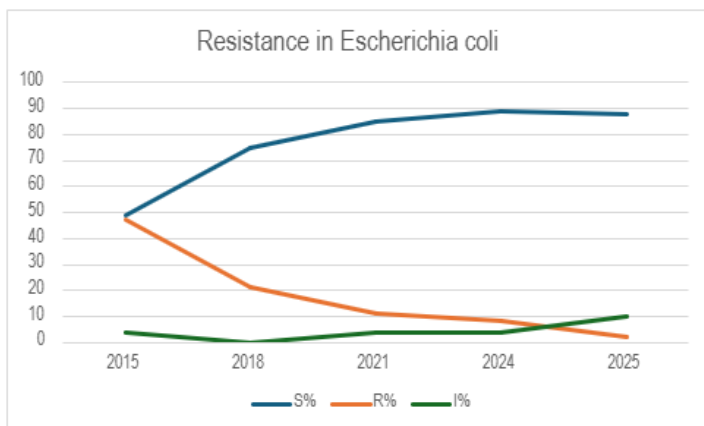
Skin dog

Marbofloxacin



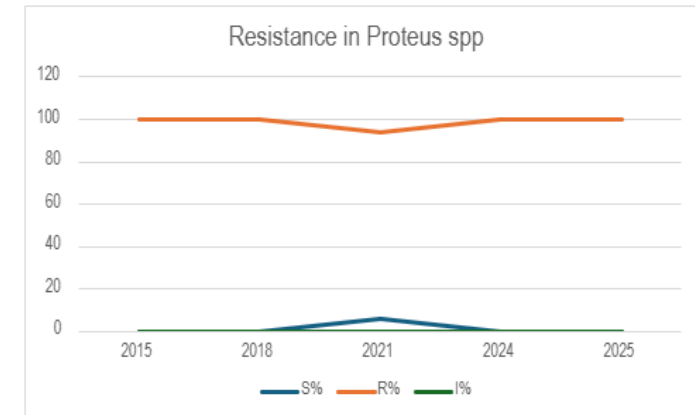
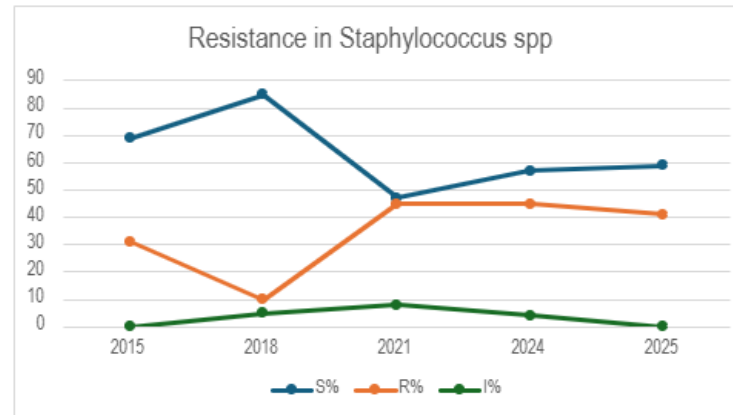
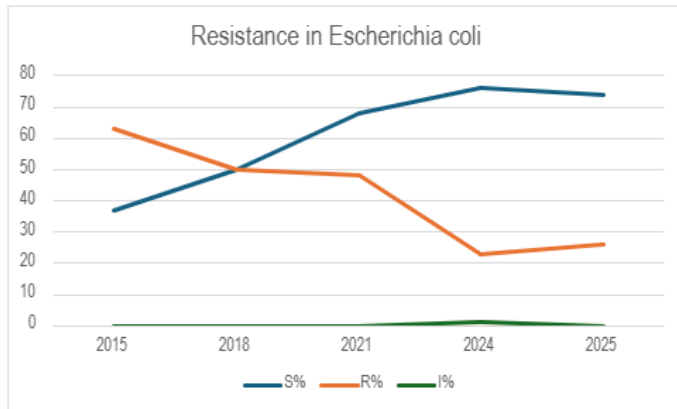
Skin dog

Enrofloxacin



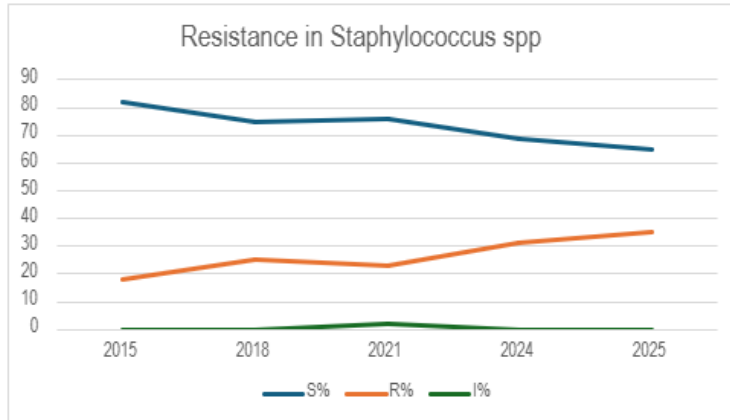
Skin dog

Doxycyclin

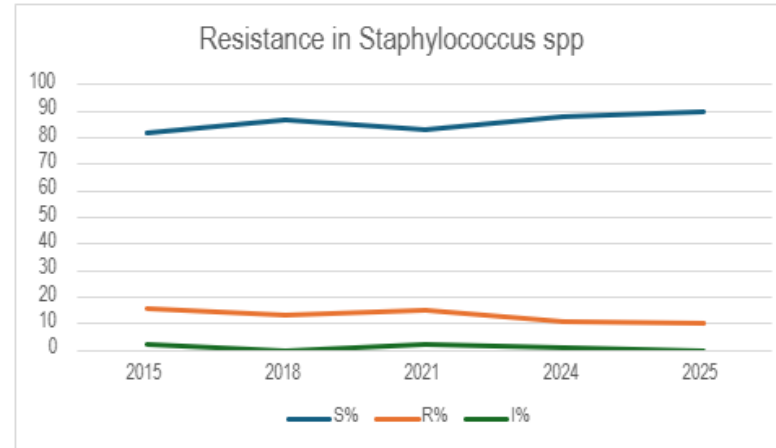


Skin Cat

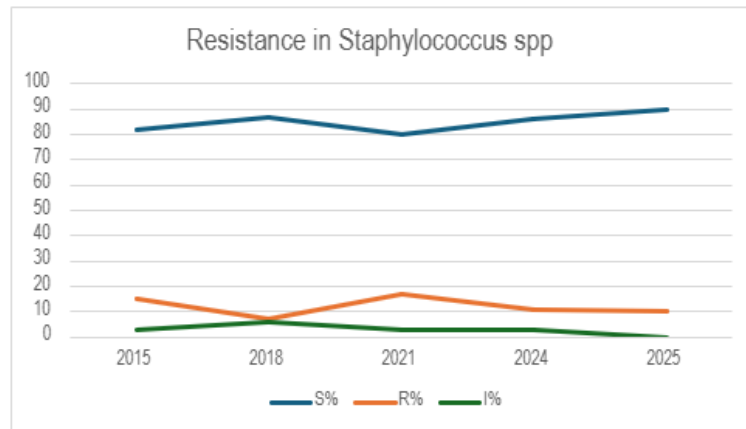
Clindamycin



Marbofloxacin

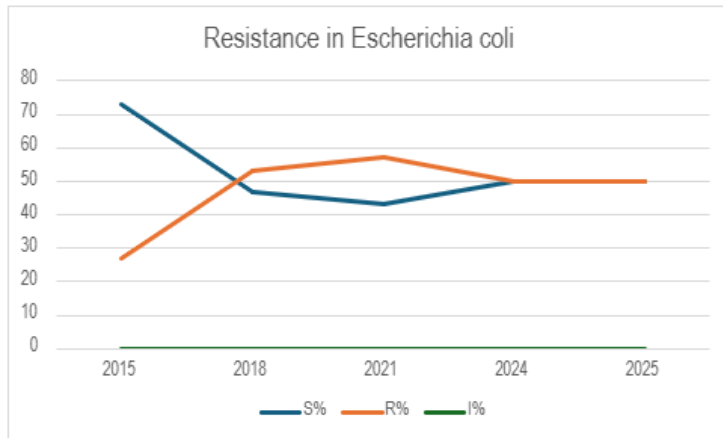


Enrofloxacin

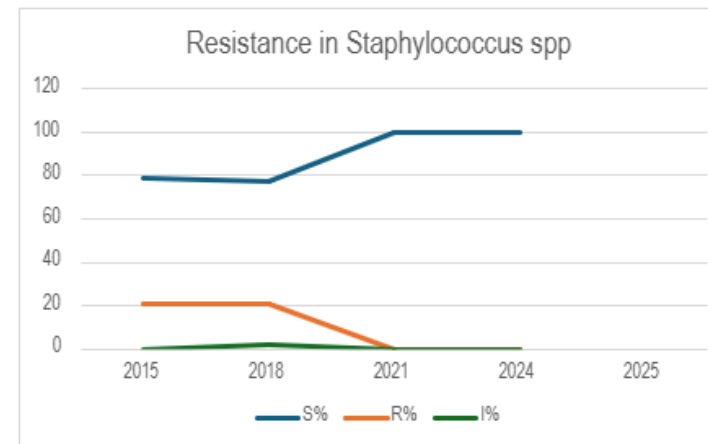
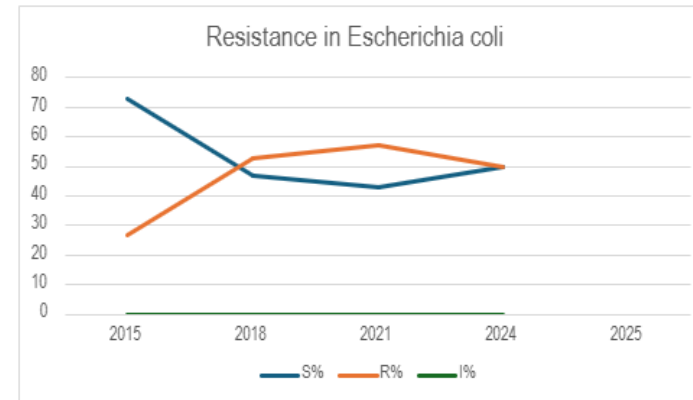


Horse skin

Ampicilline



Marbofloxacin



Thank you for your attention



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