# CYTOLOGY DIAGNOSIS TREATMENT

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### **Mupirocin 2% Ointment**

- Prescription available at veterinary and human pharmacy
- Used most commonly for focal lesions that do not respond to chlorhexidine and culture results indicate sensitivity to mupirocin
- May be used for focal areas of deeper pyoderma

| Enrofloxacin               | 10 - 20 mg / kg    | 24 hours |
|----------------------------|--------------------|----------|
| Marbofloxacin              | 2.75 - 5.5 mg / kg | 24 hours |
| Doxycycline<br>Minocycline | 5 - 10 mg / kg     | 12 hours |

## Additional Second Line Therapy

when oral antibiotics are not possible or practical and culture results indicate sensitivity to mupirocin

### SOURCES:

Hillier A, Lloyd DH, Weese JS, et al. Guidelines for the diagnosis and antimicrobial therapy of canine superficial bacterial folliculitis (Antimicrobial Guidelines Working Group of the International Society for Companion Animal Infectious Diseases). Vet Dermatol 2014;25(3):163-e43.

Koch SN, Torres SM, Plumb DC. Canine and Feline Dermatology Drug Handbook. Oxford, Wiley-Blackwell 2012

Only recommended with bacterial culture and when other second line therapy is not an option. These antibiotic choices have an increased in adverse events.

| Chloramphenicol | 35-50 mg/kg q    | 8 hours                               |
|-----------------|------------------|---------------------------------------|
| Rifampin        | 5 - 10 mg / kg q | 12-24 hours                           |
| Amikacin        | 15 - 30 mg / kg  | Injectable once<br>daily (IV, SC, IM) |
|                 |                  |                                       |
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