

Identification of aerobic bacteria and determination of their antibiotic resistance in the wounds of small livestock decubitus

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Contaminated and infected wounds occur very frequently in veterinary medicine and can cause systemic inflammatory response syndrome ,sepsis and death. This study aimed to test the feasibility of collecting wound material by deep tissue or punch biopsy for microbial culture,determine the frequency of bacteria in wounds and susceptibility of these microbes to antimicrobials. For this, 60 dogs with wounds were tested which out of them 17 of samples were contaminated with bacteria including: 3 of isolates were *Pseudomonas aeruginosa*, 2 of isolates were *Staphylococcus aureus*, 1 of them were *Staphylococcus epidermidis*, 2 of them were *Enterobacter* , 2 of them were *Escherichia coli*, 2 of them were *Enterococcus*. 1 of them were *Bacteroides* 3 of them were, *Acinetobacter* and 2 of them were *Corynebacterium*. Results were shows that gram positive bacteria were more than gram negative ones.

Keywords : Key words: bacteriacontamination ,dog,cat, decubitus wound.

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