



## Canine ear affections: Clinical investigations of 15 cases in Al Muthanna Province

Karima Akool Al Salihi <sup>1</sup> <https://orcid.org/0000-0002-5698-2678> ; Ali Naser Kathem <sup>1</sup>

<sup>1</sup> Department of Internal and Preventive Veterinary Medicine/ College of Veterinary Medicine, AL Muthanna University/ AL Muthanna, Samawah, Iraq.

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**\*Corresponding author:**

**Professor Karima Akool Al Salihi:**

Email address: [kama-akool18@mu.edu.iq](mailto:kama-akool18@mu.edu.iq)

### Abstract

*Canine ear diseases* are commonly occurred in veterinary practice and significantly affect a pet's everyday

life. This study focuses on 15 selected cases showing different clinical signs of ear affections out of 165 dogs presented to Al Muthanna veterinary teaching hospital during the period extended from October 2017 to May 2021. Case history, clinical signs, diagnosis, and treatment were reported for all 15 cases. The total percentage of ear affections was 9.09 % ( 15 out of 165) cases. The affected cases were diagnosed as unilateral and bilateral ear hematoma, otitis externa, otitis media, and otitis interna with percentages of 20% (3 cases), 53.33% (8 cases), 20% ( 3 cases), and 6. 66% ( 1 case) respectively. This study showed that bacterial infection was the main cause, followed by a fungal infection. The age of infected animals was extended between 1-11 years while the gender of infected animals were 9 ( 60%) and 6 (40%) for male and female, respectively. In conclusion, this study focused on the clinical signs, diagnosis, and treatment of ear hematoma, otitis externa, otitis media, and otitis interna in 15 canine cases. The authors recommend another survey study including a large number of animals and in different provinces of Iraq to encourage the veterinarian in practice to find a successful treatment plan for the canine ear diseases.

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