

Abszesse

(in Arbeit)

Kieferabszesse

Kieferabszesse entstehen häufig infolge **erworbener Zahnfehler** (odontogen = vom Zahn ausgehend).¹⁾²⁾ Aber auch eindringende Fremdkörper oder unsachgemäßes Zahnkürzen (bei Zahnfehlern) können eine Rolle bei ihrer Entstehung spielen.

Von den Zähnen oder Zahnfächern ausgehende Abszesse können zur Entwicklung einer schweren Entzündung des Kieferknochens (Osteomyelitis) führen.

Relevante Mikroorganismen

Crăciun & Nadăș, 2025³⁾ verglichen die wichtigsten bakteriellen Spezies, die in sechs verschiedenen, *peer-reviewed* Studien zu Kieferabszessen bei Kaninchen identifiziert wurden (Tabelle 1).

Tabelle 1: Kultivierte, potentiell pathogene Bakterienarten („x“), nach Crăciun & Nadăș, 2025 (verändert)

	Tyrell et al., 2002 ⁴⁾	5) 6)	Jekl et al., 2023 ⁷⁾	8) 9)
<i>Pseudomonas aeruginosa</i>				
<i>Pasteurella multocida</i>				
<i>Streptococcus</i> spp.	x (<i>S. intermedius</i> , <i>S. anginosus</i> , „β“)		x (<i>S. intermedius</i>)	
<i>Staphylococcus</i> spp.				
<i>Fusobacterium</i> spp.	x (<i>F. nucleatum</i>)		x	
<i>Bacteroides</i> spp.				
<i>Peptostreptococcus</i> spp.	x (<i>P. micros</i>)			
<i>Escherichia coli</i>				
<i>Klebsiella pneumoniae</i>				
<i>Enterobacter cloacae</i>	x			
<i>Glutamicibacter protophormiae</i>				
<i>Stenotrophomonas maltophilia</i>				
<i>Burkholderia</i> spp.				
<i>Prevotella heparinolytica</i>	x		x	
<i>Actinomyces</i> spp.	x (<i>A. israelii</i>)		x	
<i>Arcanobacterium haemolyticum</i>	x			
<i>Gemella morbillorum</i>			x	
<i>Trueperella pyogenes</i>			x	

1)

Harcourt-Brown, F. 2006. Metabolic bone disease as a possible cause of dental disease in pet rabbits. Thesis for Fellowship of Royal College of Veterinary Surgeon.

2)

Borawski, W., Kielbowicz, Z., Kubiak-Nowak, D., Prządka, P., & Pasternak, G. 2024. Computed tomographic findings of dental disease and secondary diseases of the head area in client-owned domestic rabbits (*Oryctolagus cuniculus*): 90 cases. *Animals*, 14(8), 1160.

3)

Crăciun, S., & Nadăș, G. C. 2025. Odontogenic Abscesses in Pet Rabbits: A Comprehensive Review of Pathogenesis, Diagnosis, and Treatment Advances. *Animals*, 15(13), 1994.

4)

Tyrrell, K. L., Citron, D. M., Jenkins, J. R., & Goldstein, E. J. 2002. Periodontal bacteria in rabbit mandibular and maxillary abscesses. *Journal of clinical microbiology*, 40(3), 1044-1047.

5)

Gardhouse, S., Sanchez-Migallon Guzman, D., Paul-Murphy, J., Byrne, B. A., & Hawkins, M. G. 2017. Bacterial isolates and antimicrobial susceptibilities from odontogenic abscesses in rabbits: 48 cases. *Veterinary Record*, 181(20), 538-538.

6)

Fernández, M., Garcias, B., Duran, I., Molina-López, R. A., & Darwich, L. 2023. Current situation of bacterial infections and antimicrobial resistance profiles in pet rabbits in Spain. *Veterinary sciences*, 10(5), 352.

7)

Jekl, V., Jeklova, E., & Hauptman, K. 2023. Radical debridement guided by advanced imaging and frequent monitoring is an effective approach for the treatment of odontogenic abscesses and jaw osteomyelitis in rabbits: a review of 200 cases (2018-2023). *Journal of the American Veterinary Medical Association*, 261(S2), S52-S61.

8)

Levy, I., & Mans, C. 2024. Diagnosis and outcome of odontogenic abscesses in client-owned rabbits (*Oryctolagus cuniculus*): 72 cases (2011-2022). *Journal of the American Veterinary Medical Association*, 262(5), 658-664.

9)

Crăciun, S., Novac, C. Ș., Fiț, N. I., Bouari, C. M., Bel, L. V., & Nadăș, G. C. 2025. Bacterial Diversity in Pet Rabbits: Implications for Public Health, Zoonotic Risks, and Antimicrobial Resistance. *Microorganisms*, 13(3), 653.

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