

MYCOPLASMA HYOSYNOVIAE ISOLATION FROM TONSILLAR SCRAPINGS OF PIGS

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Summary. The occurrence of *Mycoplasma hyosynoviae* in tonsils of pigs was investigated in herds with problems of arthritis caused by this microorganism. *Mycoplasma hyosynoviae* was cultured from 12 of 18 tonsillar scrapings (66.7 %). The prevalence of positive culture from tonsillar scrapings confirm that a subclinical carrier state is established in the tonsils. *Mycoplasma hyosynoviae* spread from the blood to different organs and joints. This microorganism was isolated from 11 samples (78.6 %) by cultivation of 14 blood samples. *Mycoplasma hyosynoviae* infection may occur by contact of non-infected pigs with infected pigs within the acute phase or by contact with chronic infected animals.

Keywords: *Mycoplasma hyosynoviae*, pigs, tonsillar scrapings, arthritis.