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 tonsillars 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.