

Paretic dogs with neck pain (2005 – 2008) : A retrospective study

Sung Jun Lim, Ye Eun Byeon, Byung-Jun Jang, Hak Hyun Ryu, Sung Su Park,
Byung Jae Kang, Jae Yun Ko, Wan Hee Kim and Oh-Kyeong Kweon*

*Department of Veterinary Surgery, College of veterinary medicine,
Seoul National University, Seoul, Korea*

Signalment: In neurological disease, cervical lesions mainly show clinical sign of neck pain and/or tonic neck with or without paresis. Disease associate with cervical lesion was variety; IVDD, AAI, myelopathy, spondylopathy, spondylosis deformans, and etc. So we evaluate the prevalence and prognosis of disease associate with neck pain.

A retrospective review was carried out of 67 cases managed at Veterinary Medical Teaching Hospital of Seoul National University between January 2005 and March 2006.

Results: In distribution of disease associate with neck pain, intervertebral disc disease were 48 cases, spondylosis deformans were 14 cases, myelopathy were 5 cases. According to breeds, Yorkshire terriers are 16 cases, Malteses are 11 cases, and there are similar cases in Shih Tzu, Pekinese, and Dachshund. As we are concerned about age, there are 32 cases between 5 and 10 years, 23 cases above 10 years, and 12 cases below 5 years.

In total 67 cases, patients having symptom of neck pain and tonic neck are 38 cases, while others are paretic gait in 29 cases. The evaluation of improving state was performed. In patients having only tonic neck and neck pain, when such symptom was gone, and in paretic dogs including tonic neck and neck pain, when they could go walk alone with weight bearing gait, we concluded that those patients were improved.

Clinical relevance: At first, when the treatment was performed by medical and physical therapy, improved patients are 44 cases out of 53 cases, and improving patients taking only physical therapy such as laser and acupuncture are 3 cases out of 7 cases, finally, All of 7 cases were improved by surgery.

Key words: cervical region, paretic dogs, neck pain, treatment

* Corresponding author: ohkweon@snu.ac.kr