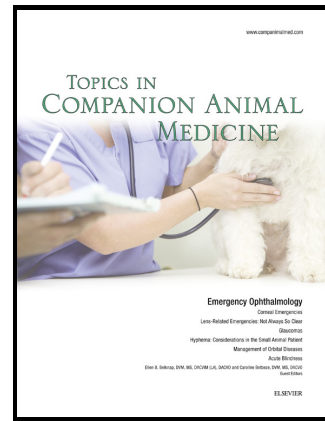


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Avascular Necrosis of Femoral Head in a Dog

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**Autologous platelet concentrates as treatment for avascular necrosis of femoral head
in a dog**

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Abstract

Avascular necrosis of the femoral head is a developmental disturbance that generally affects young dogs of small breeds and produces ischemic necrosis of the femoral head resulting in an incongruous and malformed joint. The most common treatment is the excisional arthroplasty of the head and femoral neck. The aim of this study is to describe the treatment of avascular necrosis in a Yorkshire dog using intra articular injections of autologous platelet concentrate. Evaluations were made at 0, 15, 30, 60 and 120 days of treatment, describing the following parameters: clinical gait analysis, perimetry, goniometry and radiographic evaluations. The results obtained in this case suggest that the autologous platelet concentrate may be an alternative for the treatment of avascular necrosis of the femoral head in dogs.

Key words: Autologous platelet concentrates, necrosis of femoral head in dog.

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