

## **Panosteitis**

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### **Overview**

Panosteitis is an inflammation involving various layers of the bones of young, growing dogs. This condition occurs spontaneously and ultimately resolves on its own.

The exact cause of panosteitis is unknown, but the disease tends to occur in large and giant breed dogs between five to 12 months of age. The German shepherd breed is most commonly affected. Males are more commonly affected than females. In females, the problem can be associated with coming into heat for the first time.

Panosteitis can cause severe lameness in more than one leg. The degree of pain may be such that the dog develops a fever, stops eating and starts to lose weight.

### **Diagnosis and Treatment Notes:**

- Panosteitis is generally diagnosed by a physical examination including a thorough orthopedic exam and x-rays of the legs.
- Treatment depends on the severity of the disease, your individual pet, and your veterinarian. Most pets are treated with rest and anti-inflammatory medications. Discuss treatment details when your pet is diagnosed with this condition.

### **What to Watch for\*:**

- Shifting leg lameness
- Fever
- Loss of appetite

*\*Please notify us if you notice any of the above signs or if you have any questions!*