



# Wheat Ridge Veterinary Specialists

• EXPERTISE YOU CAN TRUST •

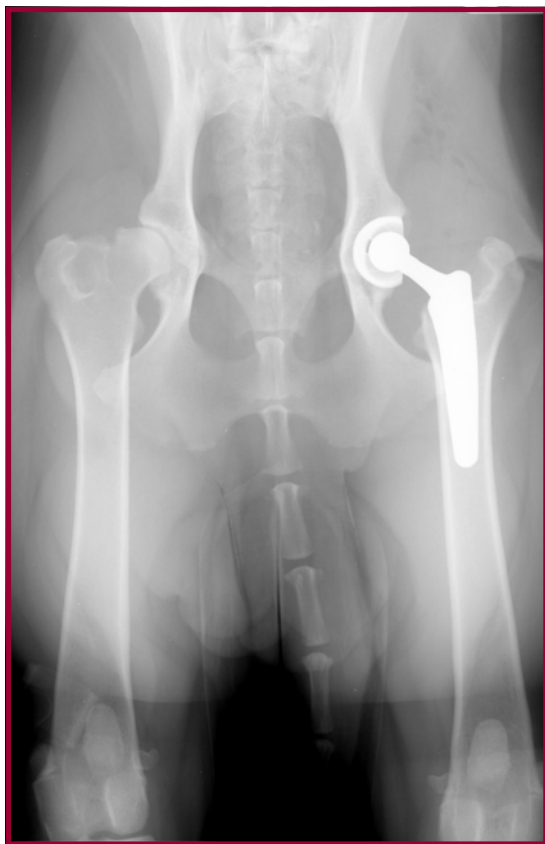
## HIPS • Total Hip Replacement



The **BioMedtrix BFX™** (*Biologic Fixation*) canine total hip replacement system is a new and exciting solution for treatment of dogs with painful and debilitating hip osteoarthritis due to canine hip dysplasia, or any cause. The BioMedtrix company has over 30 years of experience in the development of both human and veterinary medical implants. The BFX system combines the latest technology with extensive experience in cementless hip replacement in dogs. Based on 15 years of documented prospective clinical trials, the implants and instrumentation are an evolution and refinement of previous technology and surgical experience. Design modifications have been based upon long-term serial radiographic assessment, mechanical testing, and retrieval analysis from clinical patients. As the name implies, the stability of the implants in this system is dependent upon bony ingrowth (*Biologic Fixation*) around the thousands of small beads that are attached to the outer surface of the prosthesis. Each of these small beads is only 250-300µm in diameter and as bone grows in-between and around these beads, the prosthesis is permanently secured in position.



**△ PATIENT SELECTION:** All types and breeds of dogs are candidates for BFX THR. Weight range for the current system is 45-160 lbs (21-72 kg). Age range = 10 months to 10 years. The biologic fixation (bone ingrowth) that occurs with this system allows for secure placement in both young and old patients. In patients with severely painful and/or debilitating bilateral hip osteoarthritis, in which replacement of both hips is indicated or needed, procedures can be staged as close as one week apart.



**△ POSTOPERATIVE CARE & HEALING:** The patient typically spends two (2) nights in the hospital postoperatively. Upon discharge, it is advised that all patients be restricted to 3 weeks of limited, leash-only, sling supported, activity. Crate confinement is recommended when the patient is not under direct supervision and control. Anti-inflammatory medications (NSAIDS) are advised during this time to help with postop discomfort. By approximately 2 weeks postop, there will be sufficient fibrous tissue ingrowth to prevent movement of the implants. After the 3 week period of total activity restriction, controlled but progressive, leash-restricted, activity is allowed. Normal, unrestricted, activity is allowed after twelve (12) weeks. Follow-up radiographs are recommended at 6 months postop

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