

OFA Database

The dysplasia control database of the OFA is a voluntary program established to evaluate radiographs and to identify films showing no radiographic evidence of dysplasia or other orthopedic problems. All films submitted that are of acceptable diagnostic quality will be reviewed by a qualified veterinary radiologist and a report will be returned to the owner of record and referring veterinarian. Only animals that are 12 months of age or older to the day at the time of radiography, with no radiographic evidence of Legg-Calve-Perthes or dysplasia, will be assigned a breed Legg-Calve-Perthes number.

Instructions for Taking Films for OFA Evaluations

Age Requirement

For toy and small breeds interested in the Legg-Calve-Perthes Database the animal has to be 12 months of age or older. The dog's registration certificate or copy of this information should be available at the time of radiography.

Restraint

Obtaining proper film position often requires chemical restraint. The OFA recommends chemical restraint to the point of muscular relaxation. The type of agent used—sedative, tranquilizer, or general anesthesia—is best determined by the attending veterinarian.

Positioning

Dorsal recumbency with the rear legs **extended and parallel** to each other is the preferred positioning. This standard ventrodorsal view is the basis for evaluation of hip joint status with respect to hip dysplasia. Care should be exercised to be sure the pelvis is not tilted. Elbow joints are evaluated in the fully flexed medial to lateral position.

Film Size

14" x 17" film size is recommended. Smaller film sizes can be used for smaller breeds if the area between the sacrum and the stifles can be included.

Film Identification

Permanent film identification in the film emulsion is required for radiographs to be eligible for OFA evaluation. Lead letters, an I.D. camera, or radio opaque tapes can be used to identify film

- (a) with the hospital or Veterinarian's name, date taken, registered name and/or registration number or
- (b) with the veterinarian's hospital identification number or case number.

- In this latter case (b), the radiograph must be accompanied by a signed note from the veterinarian referring to such film by its said identification number and stating the information with respect hereto required in (a) above.



If the above required information is illegible or missing, the OFA cannot accept the film for evaluation purposes. The radiographs should be labeled right or left side for hip studies and right or left elbow for elbow studies.

Exposure

Good contrast is desirable (high mAs, low kVp). Grid techniques are recommended for all large dogs.

Radiation Safety

Proper collimation and protection of attendants is the responsibility of the veterinarian. Gonadal shielding is recommended for male dogs.

Hormonal Effect

Some female dogs show subluxation when radiographed around an estrus cycle which is not apparent when re-radiographed in anestrus. The OFA recommends radiographing 3-4 weeks before or after a heat period or 3-5 weeks after weaning a litter of pups.

Application for OFA Film Evaluation

The owner or agent must complete and sign the OFA application form. This information is best obtained directly from the dog's certificate of registration and **it is recommended that a copy of the registration be included** with the submission. Application forms are available on request from the OFA and from the OFA website at www.offa.org. The **radiograph, signed form, and service fee** should be mailed together to the Orthopedic Foundation for Animals at the address on the front of this form.

Breeds at Risk for Legg-Calve-Perthes

Affenpinscher	Fox Terrier	Pug
Australian Terrier	Jack Russell Terrier	Schipperke
Bichon Frise	Lakeland Terrier	Scottish Terrier
Border Terrier	Manchester Terrier	Shetland Sheepdog
Boston Terrier	Miniature Schnauzer	Silky Terrier
Cairn Terrier	Miniature Pinscher	Welsh Terrier
Chihuahua	Pomeranian	West Highland White Terrier
Cocker Spaniel	Pekingese	Yorkshire Terrier
Dachshund	Poodle	

Sources: *Control of Canine Genetic Diseases*, Howell Book House, George A. Padgett, DVM; *The Genetic Connection*, AAHA Press, Lowell Ackerman, DVM, PhD, Dipl. ACVD