

Canine Neuter

By Jenna Lenarz DVM

Rippowam Animal Hospital

Health Benefits to the Dog

There are several health benefits to neutering. One of the most important concerns the prostate gland, which under the influence of testosterone will gradually enlarge over the course of the dog's life. In age, it is likely to become uncomfortable, possibly being large enough to interfere with defecation. The prostate under the influence of testosterone is also predisposed to infection, which is almost impossible to clear up without neutering. Neutering causes the prostate to shrink into insignificance, thus preventing both prostatitis as well as the uncomfortable benign hyperplasia (enlargement) that occurs with aging. It is often erroneously held that neutering prevents prostate cancer but this is not true.

Other health benefits of neutering include the prevention of certain types of hernias and tumors of the testicles and anus. Excessive preputial discharge is also reduced by neutering.

Behavioral Changes after Neutering

The only behavior changes that are observed after neutering relate to behaviors influenced by male hormones. Playfulness, friendliness, and socialization with humans are not changed. The behaviors that change are far less desirable. The interest in roaming is eliminated in 90% of neutered dogs. Aggressive behavior against other male dogs is eliminated in 60% of neutered dogs. Urine marking is eliminated in 50% of neutered male dogs. Inappropriate mounting is eliminated in 70% of neutered dogs.

What Exactly is done Surgically?

An incision is made, generally just forward from the scrotum. The testicles are removed through this incision. The stalks are tied off and cut. Castration is achieved. If the testicles are not removed, the desirable benefits listed above cannot be realized. The skin incision may or may not have stitches.

What can I Expect upon Discharge from the Hospital?

The scrotum is often swollen in the first few days after surgery, leading some people to wonder if the procedure was really performed. If the dog is immature at the time of neutering, the empty scrotum will flatten out as he grows. If he is mature at the time of neuter, the empty scrotum will remain as a flap of skin. Sometimes the incision is mildly bruised. Most male dogs are eager to play by the day after surgery but, to keep the incision intact, it is best to restrict the dog from boisterous activity.

At what Age can Neutering be Performed?

The traditional age for neutering is around 6 months of age and we recommend neutering at this time.

Will he Become Over-Weight or Lethargic?

Activity level and appetite do not change with neutering. A male dog should not gain weight or become less interested in activity post neuter.

Will he still be Interested in Females?

His interest will be reduced but if he is around a female dog in heat, he will become aroused by her. Mounting behavior often has roots in the expression of dominance and may be expressed by a neutered male in a variety of circumstances that are not motivated by sexuality.

What if a Dog has an Undescended Testicle?

Undescended testicles have an increased tendency to grow tumors. They may also twist on their stalks and cause life-threatening inflammation. For these reasons, neutering is recommended for dogs with undescended testicles. This procedure is more complicated than a routine neuter; the missing testicle can be under the skin along the path it should have descended to the scrotum, or it may be inside the abdomen. Some exploration may be needed to find it, thus there is often an incision for each testicle. The retained testicle is sterile and under-developed. If there is one descended testicle it will be fertile, but since retaining a testicle is a hereditary trait, it is important

that the male dog not be bred before he is neutered.