## **Open-heart Surgery Information Sheet**

Open-

valves but in the small number of patients we have operated on, there has been substantial improvement in valve function and most dogs are improved as a result of surgery.

**Congenital Heart Defects:** Open-heart surgery can be considered for a variety of congenital heart defects in dogs including atrial septal defect, ventricular septal defect, pulmonic stenosis, double-chambered right ventricle, tetralogy of Fallot and some patients with subaortic stenosis. The general

## Reading:

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- 3. Orton EC, Herndon GD, Boon J, Gaynor JS, Hackett TB, Monnet E. Intermediate-term outcome in dogs with subvalvular aortic stenosis: influence of open surgical correction. *J Am Vet Med Assoc* 216:364-367, 2000.
- 4. Orton EC, Mama K, Hellyer P, Hackett TB. Open surgical repair of tetralogy of Fallot in two dogs. *J Am Vet Med Assoc* 219:1089-1093, 2001
- 5. Martin J, Orton EC, Boon J, Mama K, Gaynor JM, Bright JM. Surgical correction of double chambered right ventricle in dogs. *J Am Vet Med Assoc* 220:770-774, 2002.
- 6. Mizuno T, Mizukoshi T, Uechi M. Long-term outcome in dogs undergoing mitral valve repair with suture annuloplasty and chordae tendinae replacement. J Small Anim Pract. 2013 Feb;54(2):104-7.
- 7. Uechi M, Mizukoshi T, Mizuno T, Mizuno M, Harada K, Ebisawa T, Takeuchi J, Sawada T, Uchida S, Shinoda A, Kasuya A, Endo M, Nishida M, Kono S, Fujiwara M, Nakamura T. Mitral valve repair under cardiopulmonary bypass in small-breed dogs: 48 cases (2006-2009). J Am Vet Med Assoc. 2012 May