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# Patent Ductus Arteriosus Surgery in Dogs Weighing 490 to 3200 Grams

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Appendix 6.12 of James W. Buchanan's dissertation *Chronic Valve Disease and Left Atrial Splitting in the Dog*. This document is a summary of the work that appeared in *JAVMA*.

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## **Disciplines**

Medicine and Health Sciences | Veterinary Medicine

## **Comments**

Appendix 6.12 of James W. Buchanan's dissertation [Chronic Valve Disease and Left Atrial Splitting in the Dog](#).

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by

James W. Buchanan, D.V.M., Donald F. Patterson, D.V.M.

and Lawrence R. Soma, V.M.D., Philadelphia, Pa.

Summary: A continuous murmur caused by a large patent ductus arteriosus was detected in a puppy at 8 days of age. Because of recurrent bouts of congestive heart failure, the lesion was corrected at 4 weeks of age when the animal weighed 490 grams. One postoperative death occurred out of 8 other dogs weighing 3.2 kg. or less in which a patent ductus arteriosus was ligated or divided.

Jr. Thor. and Cardiovas. Surg.; Manuscript submitted.

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