The blood supply of the papillary muscles of the left ventricle in the Hereford cattle

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SUMMARY

The blood supply of the Papillary Muscle (PM) of the left ventricle, cranial (PM) and caudal (PM), in Hereford cattle was studied. The results obtained from the dissection of 50 hearts injected with neoprene latex, indicated that the cranial PM is supplied by collateral of the *Ramus descendens paraconalis* in all cases, alone or together with vessels from the *Ramus circumflexus* of the *Arteria coronaria sinistra.* The caudal PM is supplied from arteries coming mainly from the *Ramus circunflexus* of the *A. coronaria sinistra*, and also from the *Ramus descendens subsinuosus* and *Ramus descendens paraconalis.* When present, the *A. diagonalis* supplies the cranial PM and in some cases the caudal PM too. Thus this vessel can be termed "artery of the papillary muscle".