

References

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Drugs

GLUCAGON The effects of glucagon on the coronary arteries of the dog were studied. The addition of glucagon to the perfusate decreased vascular resistance, and increased myocardial oxygen consumption, heart rate and myocardial contractility. When glucagon was added to the perfusate of the arrested heart, no change in the above parameters occurred. The decrease in coronary resistance in the contracting heart after glucagon is secondary to the metabolic effects of the increased myocardial contractility and heart rate, rather than a direct vasodilating effect on coronary vessels. (Moir, T. W., and Naylor, W. G.: *Coronary Vascular Effects of Glucagon in the Isolated Dog Heart*, *Circ. Res.* 26: 29 (Jan.) 1970.)