Fetal myocardial oxygen and carbohydrate metabolism in sustained hypoxemia in utero
D. J. Fisher, M. A. Heymann, and A. M. Rudolph

Effect of exercise in healthy men on QRS power spectrum
V. Bhargava and A. L. Goldberger

Response of vasopressin and norepinephrine to lower body negative pressure in humans
S. R. Goldsmith, G. S. Francis, A. W. Cowley, and J. N. Cohn

Peripheral vascular effects of nitroglycerin in a conscious rat model of heart failure
S. F. Flaim

Transthoracic defibrillation in 100-kg calves with sequentially applied pulses

Postextrasystolic potentiation and contractile reserve: requirements and restrictions
R. M. Lust, Jr., L. O. Lutherer, M. E. Gardner, and M. W. Cooper

Cardiovascular regulation in canines during low-frequency acceleration
C. F. Knapp, J. M. Evans, D. C. Randall, and J. A. Marquis

Hindlimb resistance in hypoxic dogs after adrenergic blockade or denervation
S. M. Cain and C. K. Chapler

SPECIAL COMMUNICATIONS

Direct measurement of microvessel hematocrit, red cell flux, velocity, and transit time
I. H. Sarelius and B. R. Duling

Myocardial pH during regional ischemia: evaluation of a fiber-optic photometric probe
G. A. Tait, R. B. Young, G. J. Wilson, D. J. Steward, and D. C. MacGregor

ANNOUNCEMENTS

Subject Index to Volume 12
Author Index to Volume 12

CORRIGENDA

Volume 243, October 1982
Volume 12, October 1982