

least negative inotropic effect and halothane the most. When combined negative inotropic effects of CHF and anesthetics at 1 MAC are compared, cyclopropane has the least depressant effect, and there is no essential difference among the other four anesthetics (halothane, enflurane, isoflurane and fluroxene).

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Circulation

DOPPLER METHOD FOR TIBIAL ARTERY Determination of auscultatory blood pressure in the lower extremity is frequently difficult because of the large, difficult-to-fit cuff needed on the thigh or the absence of Korotkoff sounds in the popliteal or posterior tibial areas. Forty-four patients from 6.5 to 25 years old (weights, 17 to 91 kg) were studied, comparing blood pressures obtained by the Doppler method over the brachial and posterior tibial arteries. There was a difference of less than 0.5 inch

between the circumferences of the upper arm and the lower leg just above the ankle, so the same width of cuff was used for both sites. The paired data showed the systolic pressures in the leg to be slightly higher than those in the arm, with a mean difference of only ± 2.66 mm Hg ($\text{SD} \pm 5.6$). Diastolic pressures were not significantly different. (Hartmann, A. F., Jr., and others: *Measurement of Blood Pressure in the Brachial and Posterior Tibial Arteries Using the Doppler Method. J. Pediatr.* 82: 498-500, 1973.)