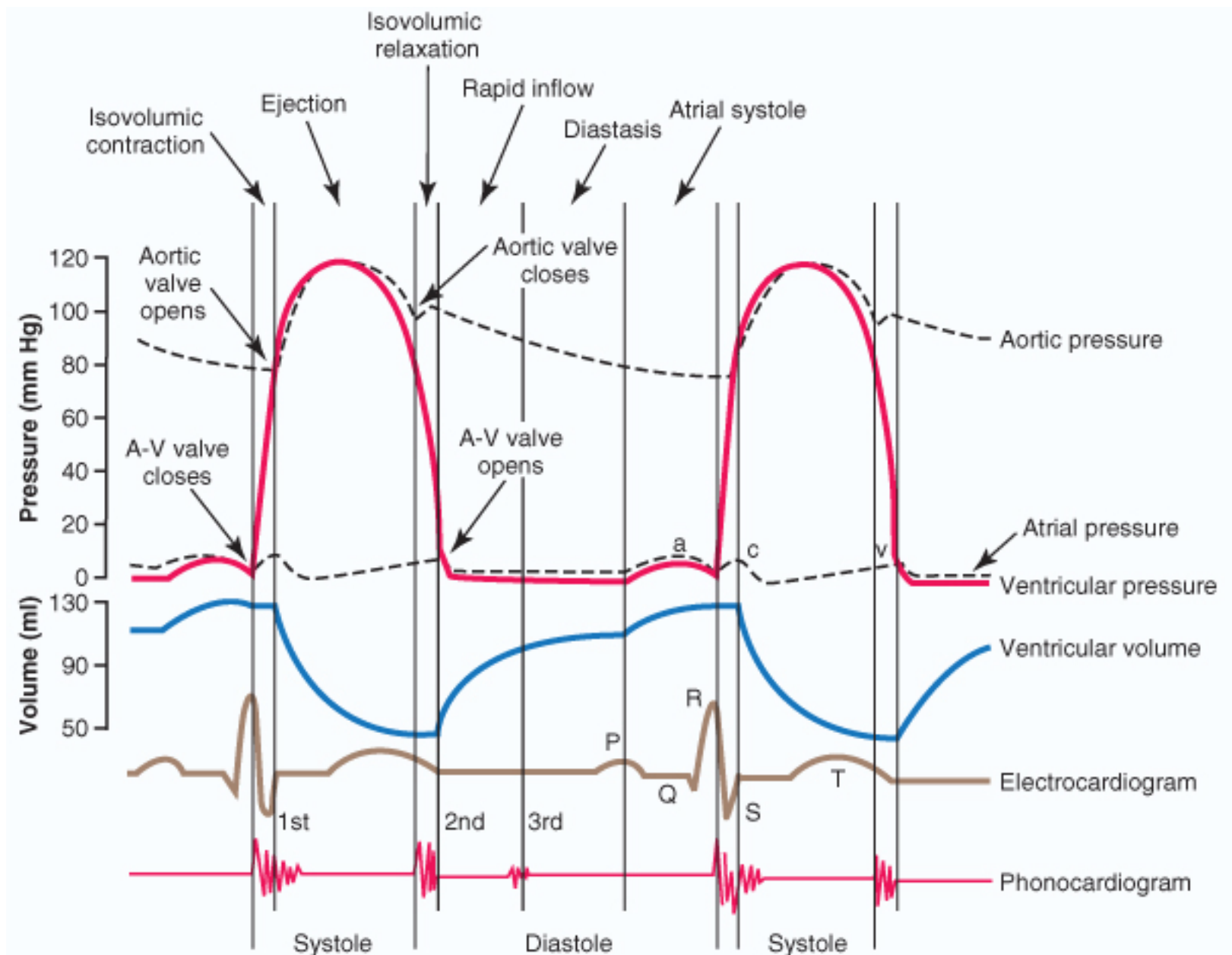


Koeppen & Stanton: Berne and Levy Physiology, 6th Edition.
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Figure 16-38 Preload and afterload in a papillary muscle. A, Resting stage-in the intact heart just before opening of the AV valves. B, Preload-in the intact heart at the end of ventricular filling. C, Supported preload plus afterload-in the intact heart just before opening of the aortic valve. D, Lifting preload plus afterload-in the intact heart, ventricular ejection with a decrease in ventricular volume. AL, afterload; PL, preload; PL + AL, total load.



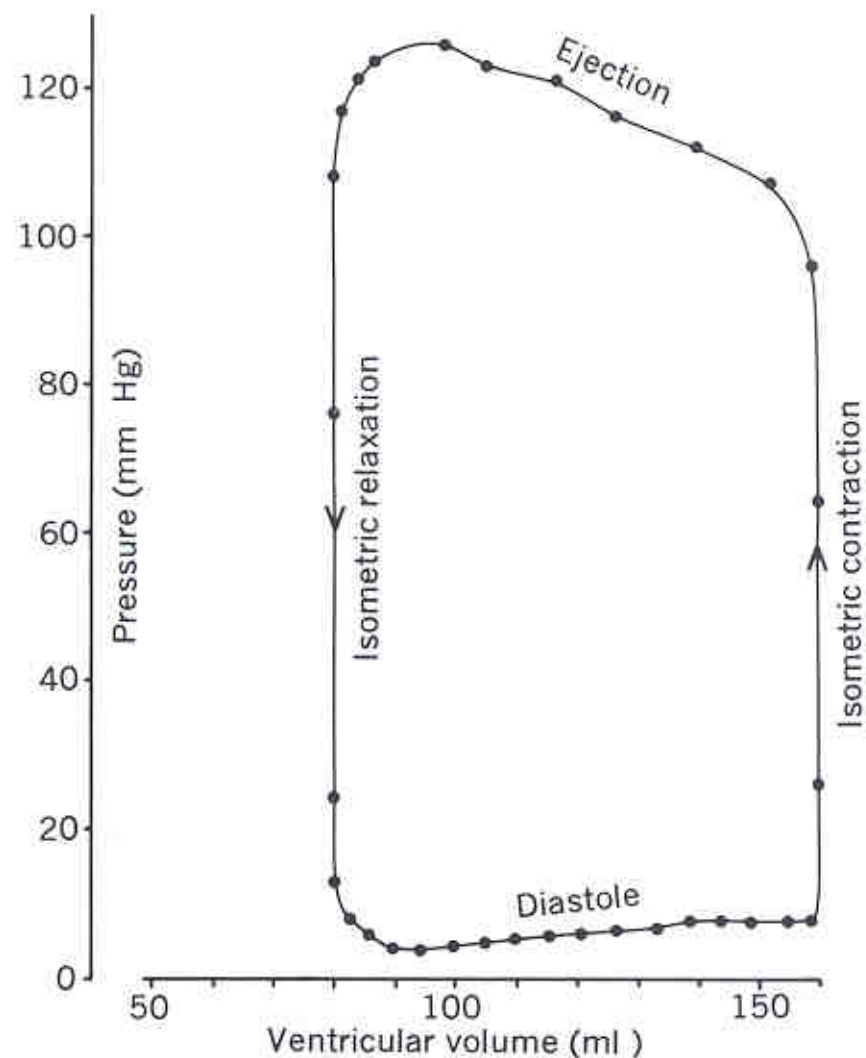


Fig. 35-6. Intraventricular volume and pressure changes in single heart cycle in man at rest. Intervals between points represent 0.02 sec. Area within loop equals potential energy component of stroke work (Chapter 36, equation 4).

END

Video 2, Module 7