



FIG. 12.3. Example of left ventricular (LV) and aortic (Ao) pressures measured with fluid-filled catheters in a patient with severe aortic stenosis. The maximal instantaneous gradient is greater than the peak-to-peak gradient. The shaded area indicates the mean gradient. (From Otto CM. *Textbook of clinical echocardiography*, 2nd ed. Philadelphia: WB Saunders, 2000:238, with permission.)