Biomedical Instrumentation

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Figure 7.16 Auscultatory areas on the chest A, aortic; P, pulmonary; T, tricuspid; and M, mitral areas. (From A. C. Burton, Physiology and Biophysics of the Circulation, 2nd ed. Copyright © 1972 by Year Book Medical Publishers, Inc., Chicago. Used by permission.)









Vessel	Vel (cm/s)	KE (mm Ha)	Systolic (mm Hg) (kPa)		% KE
	(cm/ b)	(init rig)	(initing)	(Kru)	orrota
Aorta (systolic)					
At rest	100	4	120	(16)	3
Cardiac output at 3 × rest	300	36	180	(24)	17
Brachial artery					
At rest	30	0.35	110	(14.7)	0.3
Cardiac output at 3 × rest	90	4	120	(16)	3
Venae cavae					
At rest	30	0.35	2	(0.3)	12
Cardiac output at 3 × rest	90	3.2	3	(0.4)	52
Pulmonary artery					
At rest	90	3	20	(2.7)	13
Cardiac output at 3 × rest	270	27	25	(3.3)	52













