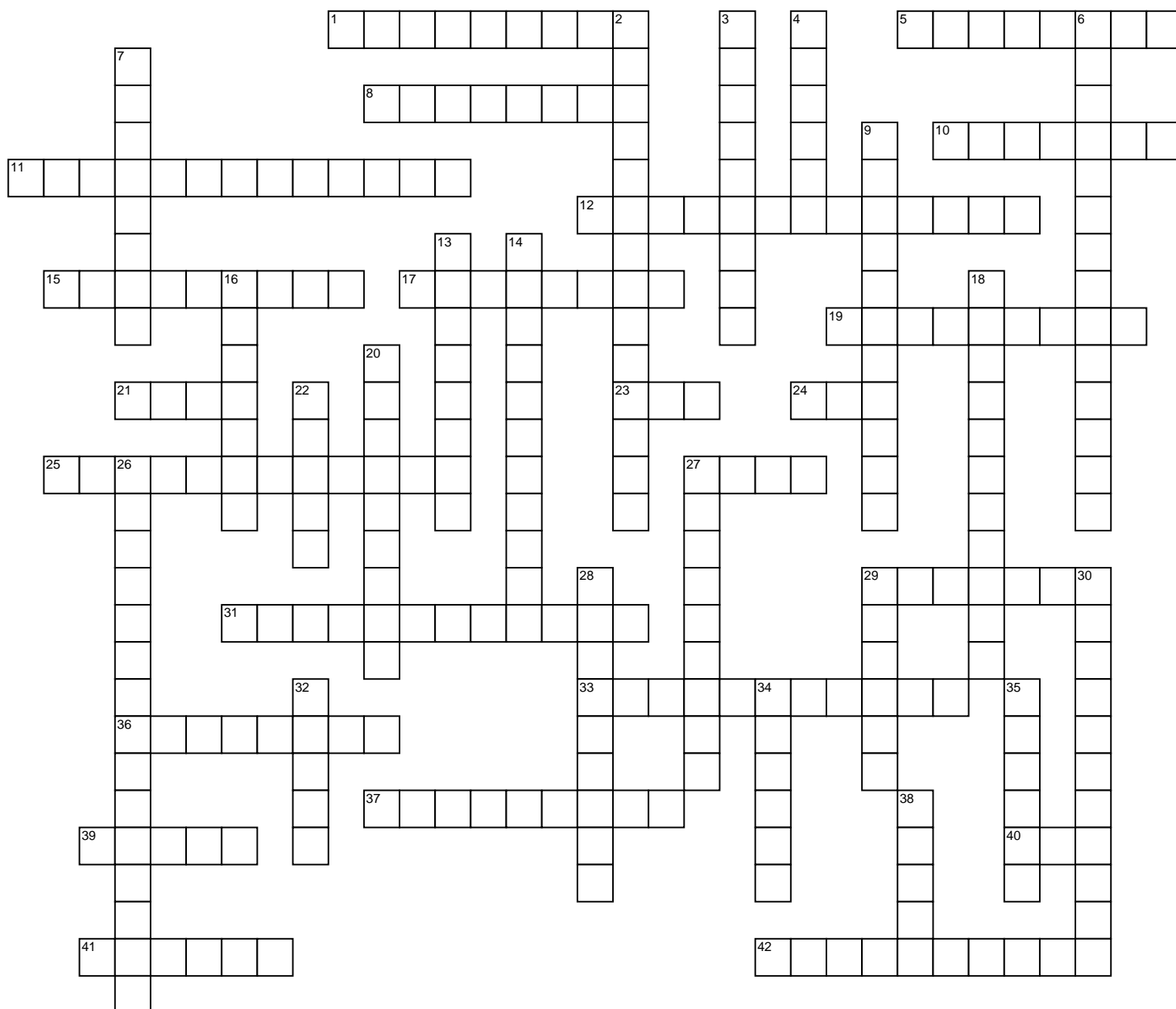


# Cardiovascular System 1



Dr. J.E. Bruni B.Sc., M.Sc., Ph.D., University of Manitoba

## ACROSS

- 1 SA node
- 5 Arteries supplying the heart
- 8 Filling phase of the heart
- 10 Acute loss of consciousness
- 11 Property of cardiac muscle
- 12 Receptors that continually monitor BP
- 15 Heart valve with 3 cusps
- 17 Narrowed blood vessel
- 19 Lower heart chamber
- 21 Heart chamber with thicker wall
- 23 Provides information about electrical activity of heart (abbr)
- 24 Nervous system controller of heart rate (abbr)
- 25 Too rapid ventricular contraction
- 27 Heart sound marking closure of aortic and pulmonary valves
- 29 Pouch-like atrial appendage
- 31 Drugs that breakup blood clots

- 33 Tissue used to fashion a replacement heart valve
- 36 Skin color with heart defect
- 37 Veins emptying into left atrium
- 39 Number of aortic semilunar valve cusps
- 40 Anterior interventricular branch of left coronary artery (abbrev.)
- 41 Heart valve having 2 cusps
- 42 Muscle layer of heart

## DOWN

- 2 Disease that often causes mitral valve stenosis (2 wds)
- 3 Stroke volume X \_\_\_\_\_ = cardiac output (2 wds)
- 4 Valve permitting flow from left ventricle
- 6 Process that insures constant blood flow to brain
- 7 Veins emptying into right atrium
- 9 Reduced BP
- 13 Drug that blocks parasympathetic nerve impulse transmission

- 14 Percutaneous coronary intervention
- 16 Emptying phase of heart
- 18 Abnormal heart rhythms
- 20 Drug derived from Foxglove plant
- 22 Foramen in atrial septum
- 26 Arterial branch off the aortic arch
- 27 Drugs counteracting overhydration
- 28 Septum supporting the heart
- 29 Chronic moderate myocardial ischemia
- 30 Inner heart lining
- 32 Device to widen stenotic vessel
- 34 Transmits impulses from atria to ventricles
- 35 Dislodged clots
- 38 Ductus arteriosus connects pulmonary artery with \_\_\_\_\_

**WORD BANK:** Angina, angioplasty, ans, aorta, aortic, arrhythmias, atropine, auricle, autoregulation, avnode, baroreceptors, brachiocephalic, contractility, coronary, cyanotic, diaphragm, diastole, digitalis, diuretics, dubb, ecg, emboli, endocardium, fibrillation, fibrinolytic, heartrate, hypotension, lad, left, mitral, myocardium, ovale, pacemaker, pericardium, pulmonary, rheumaticfever, stenotic, stent, syncope, systemic, systole, three, tricuspid, ventricle.