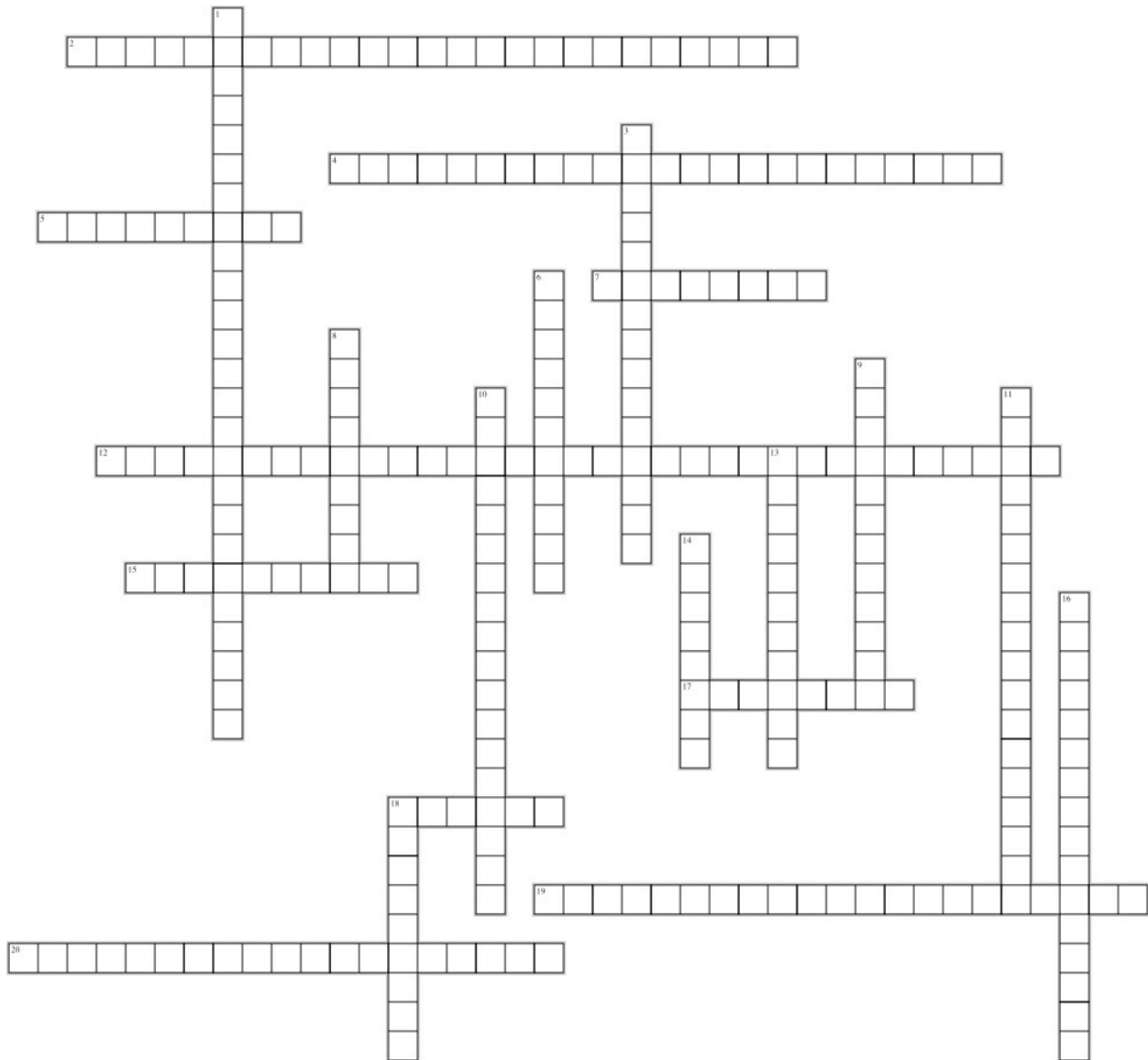


## ECG Crossword Puzzle

This puzzle accompanies the article "Electrocardiography" by John H. Dirckx, M.D. You will need to print this puzzle to complete it. Leave a blank square between words in multiword answers.



EclipseCrossword.com

### Across

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- 2. RIGHT BUNDLE BRANCH BLOCK**—Cardiac impulse is conducted normally to the left ventricle but not to the right ventricle, with delayed polarization of the RV until the impulse spreads to it from the LV
- 4. INTRINSICOID DEFLECTION**—A deflection occurring between the onset of the Q wave and the peak of the R wave in standard electrocardiography

5. **SILENT MI**—Asymptomatic myocardial infarction diagnosed only on the basis of ECG findings
7. **ASYSTOLE**—Cardiac standstill; absence of ventricular activity
12. **SOMATIC TREMOR OR MUSCLE ARTIFACT**—Jaggedness or fuzziness of the ECG baseline due to tremors or tension of the subject's muscles
15. **DIG EFFECT**—A group of ECG changes caused by administration of cardiac glycosides, including bradycardia, AV block, and distortion of ST segment
17. **INVERTED**—An ECG wave that goes below the baseline (records a negative voltage)
18. **R ON T**—An R wave from a PVC that appears immediately on top of the T wave of the previous contraction
19. **PSEUDOINFARCT PATTERN**—An ECG pattern suggesting MI but actually due to a conduction defect or similar abnormality
20. **STOKES-ADAMS ATTACK**—Syncope episode caused by transitory ventricular asystole

## Down

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1. **J POINT OR JUNCTION POINT**—The point in an ECG tracing where the QRS complex ends and the ST segment begins
3. **CIRCUS MOVEMENT**—Repeated travel of impulses in a circular path, as seen in Wolff-Parkinson-White syndrome
6. **P PULMONALE**—large P wave due to right atrial enlargement, occurring in right heart disease due to pulmonary disease such as emphysema
8. **P MITRALE**—Caused by left atrial hypertrophy due to mitral stenosis, this is a large, notched P wave
9. **EXTRASYSTOLE**—A premature heartbeat, also called an extra systole
10. **TORSADE DE POINTES**—Ventricular tachycardia in which variations in the height of R waves cause an undulating or scalloped contour; literally, "twisting of points"
11. **PACEMAKER ARTIFACT**—A narrow spike in the ECG tracing indicating an electrical impulse from an artificial pacemaker
13. **ESCAPE BEAT**—A heartbeat that is able to "escape" the usual pacemaking dominance of the SA node due to some disturbance in the conducting system
14. **BIGEMINY**—Regular 1:1 alternation of normal cardiac contractions and ectopic beats, usually of ventricular origin
16. **PULSUS ALTERNANS**—Pulse in which every other beat is stronger; alternating strong and weak pulses during a sinus rhythm.
18. **RACEMAKER**—A runaway artificial pacemaker firing at an inappropriately rapid rate