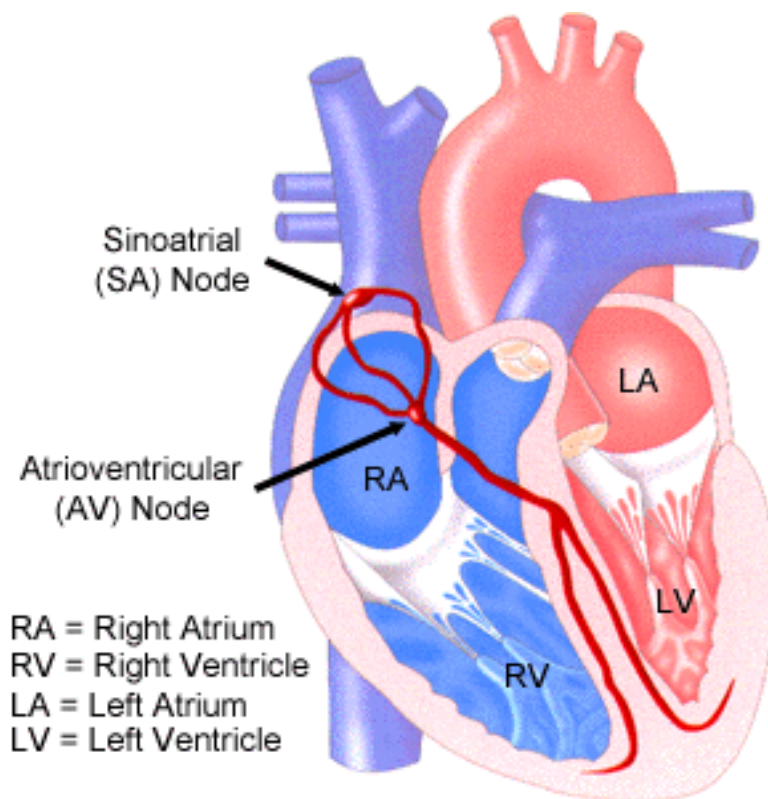


Conduction System



A heartbeat is a two-part pumping action that takes about a second. Electrical impulses cause your heart to beat. This electrical signal begins in the **sinoatrial (SA) node**. The SA node sends electrical impulses at a certain rate, causing the heart muscle to contract (beat).