

[Open Peer Review on Qeios](#)

Cardiac Muscle Contraction

National Cancer Institute

Source

National Cancer Institute. *Cardiac Muscle Contraction*. NCI Thesaurus. Code C30095.

Driven primarily by voltage-gated Ca^{+2} action potentials originating in sinoatrial pacemaker cells, Cardiac Muscle Contraction involves shortening of the gap junction-linked nonsyncytial striated heart myocytes in the atrial and ventricular chambers that forces movement of the blood through the circulatory system.