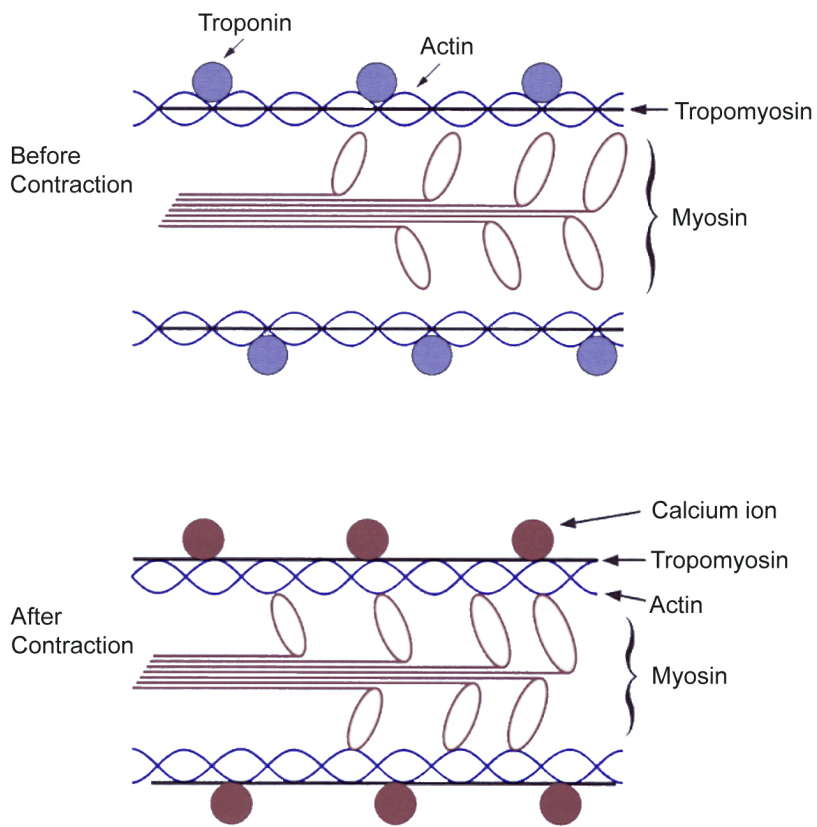


Myosin and actin protein molecules contained in muscles



Myosin and actin are filamentous protein molecules contained in muscles. In the presence of calcium ions (bottom), myosin and actin will slide past each other and form cross-bridges, thereby contracting the muscle.

Source: Chung, M.K., and Rich, M.W. Introduction to the cardiovascular system. *Alcohol Health and Research World* 14(4):269–276, 1990.

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