

### Discussion Question(s) - Module 5

Imagine a cardiac muscle in which sympathetic stimulation does NOT result in phosphorylation of Troponin-I (everything else that normally results from sympathetic stimulation would happen; only the phosphorylation of Troponin-I would not happen). If the muscle is subjected to sympathetic stimulation what do you expect would happen to the amplitude and time course of twitch force (as compared to a “normal” cardiac muscle under sympathetic stimulation)? Briefly explain. Please **post your response to the discussion board by 9:00 PM on Day 4 of this Module.**

Rev 0, 8/5/16

Rev 1, 2/21/17 - additional qualifiers, same basic question

Rev 2, 8/17/17 - formatting; no change to content

Rev 3, 7/12/18 - from Spring 2018; no content changes

Rev 4, 9/23/19 - change time due from 6:00 PM to 9:00 PM