

Discussion Question(s) - Module 6

Discussion Question 1

In an experiment in which cardiac fast action potentials were measured it was observed that administration of a particular drug resulted in a decrease in the duration of phase 2 along with more of a “droop” (negative slope) in phase 2. Please provide a possible explanation for these observations. Answer individually; **post your response to the Discussion Board by 9:00 PM of Day 4 of the module.**

Discussion Question 2

What would be the effect of a drug that reduces T-type Ca^{2+} current on the time to reach threshold in a cardiac pacemaker potential? Briefly explain. Answer individually; **post your response to the Discussion Board by 9:00 PM of Day 5 of the module.**

Discussion Question 3

What would be the effect of a drug that reduced L-type Ca^{2+} current in AV nodal cells on the timing of the EKG waveform? Briefly explain. Answer individually; **post your response to the Discussion Board by 9:00 PM of Day 7 of the module.**