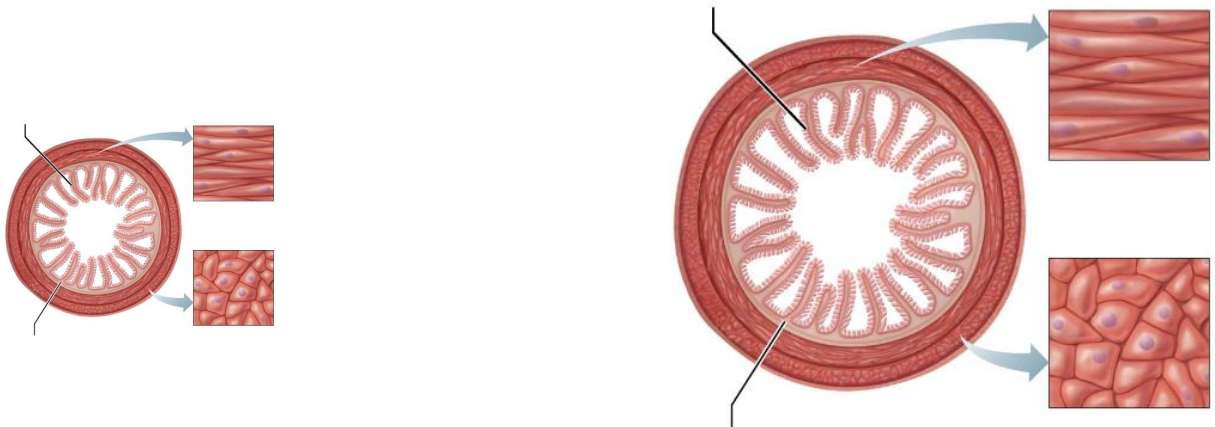
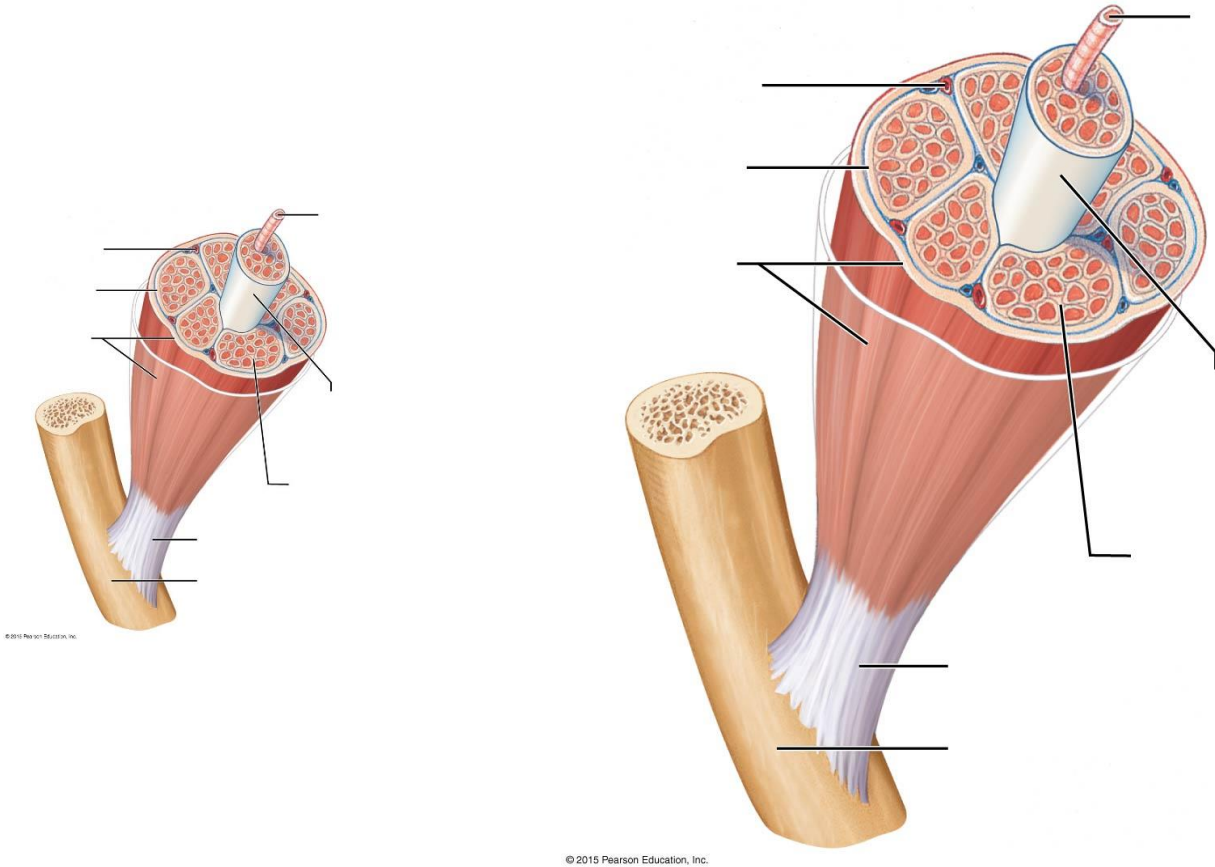
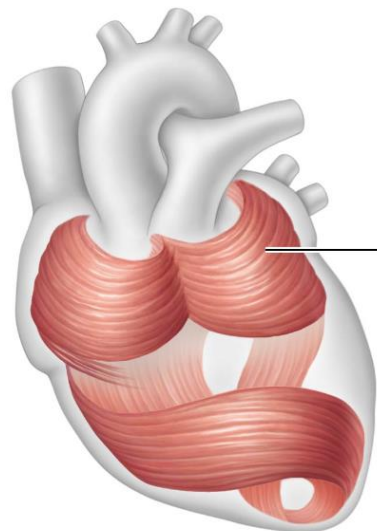
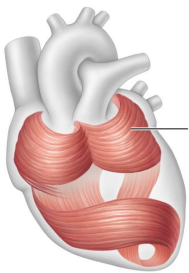
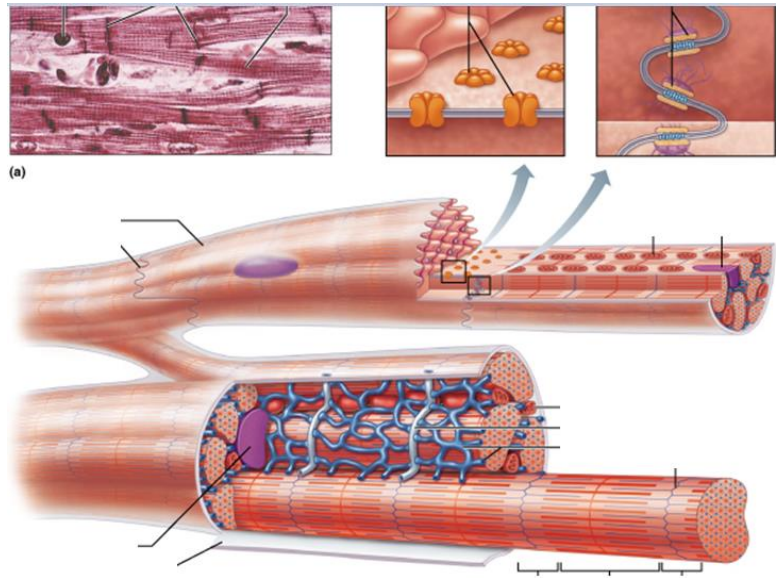
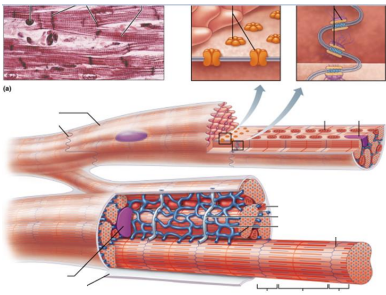
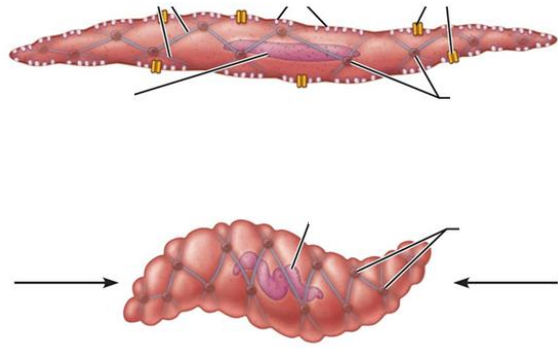
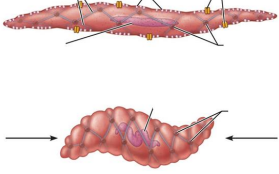


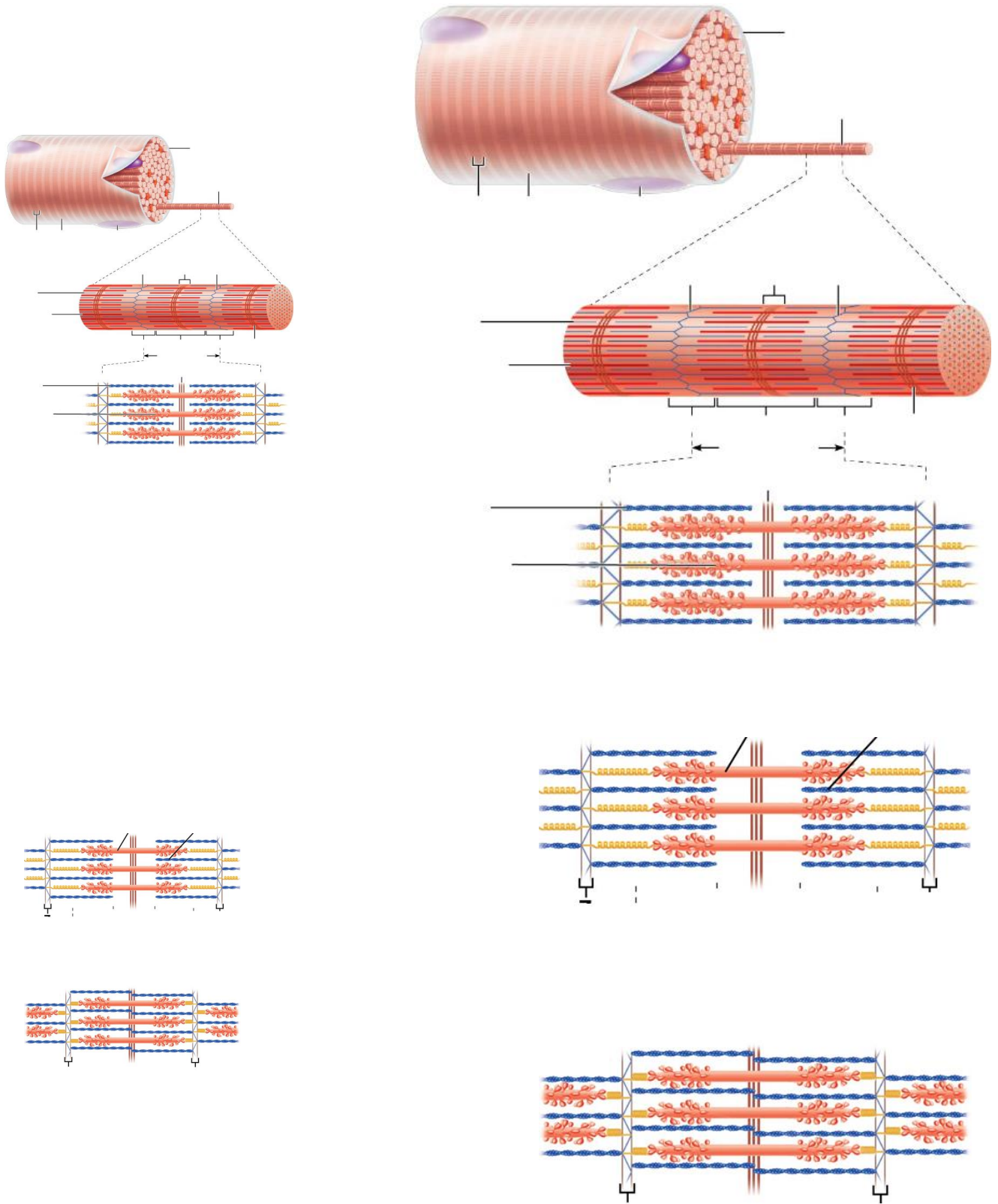
Unit 06 The muscular system

Question #28: How does the structure of muscle tissue relate to its function?

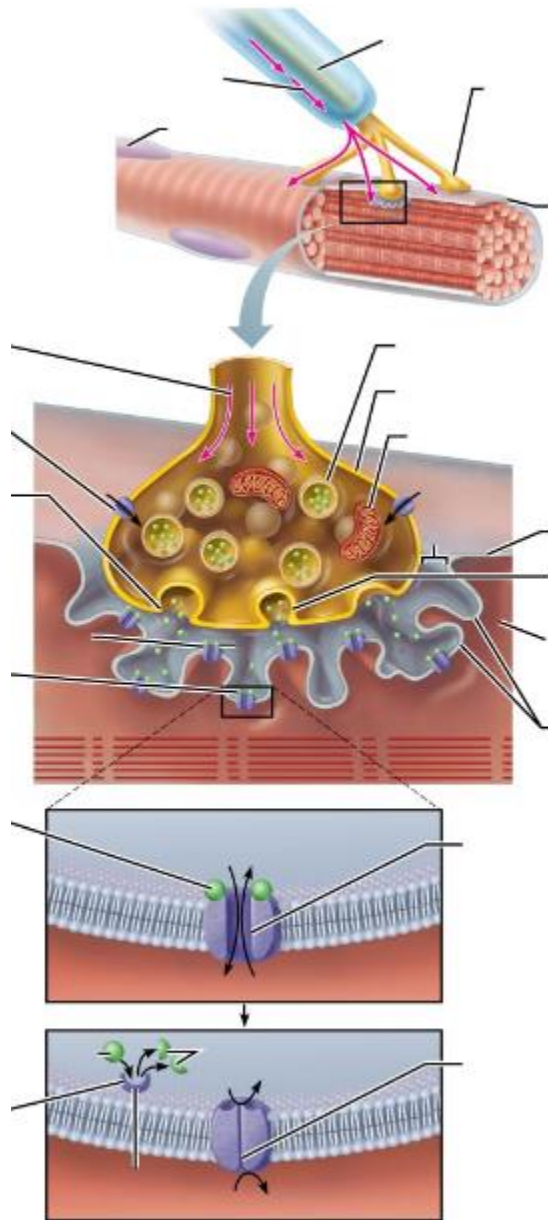
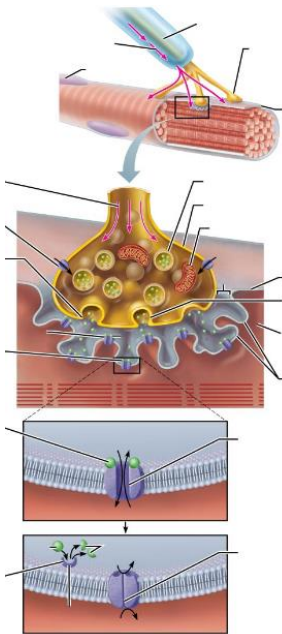
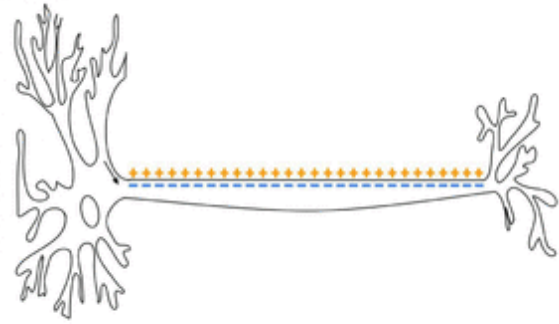
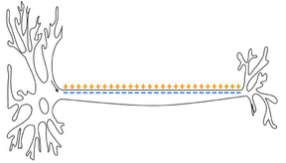




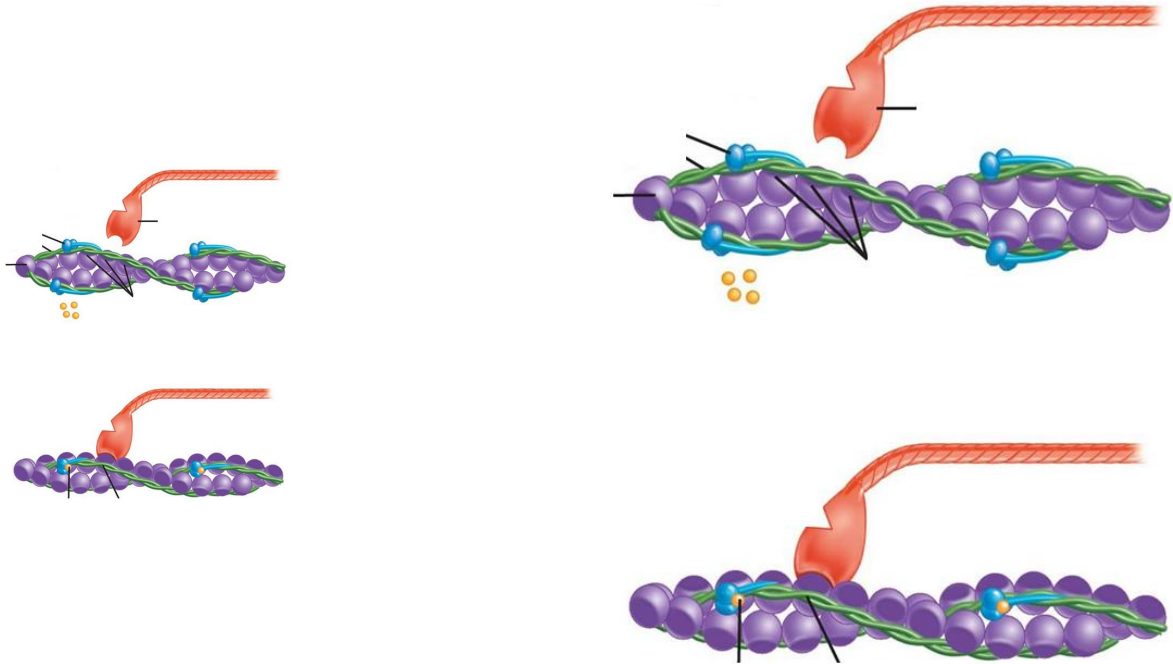
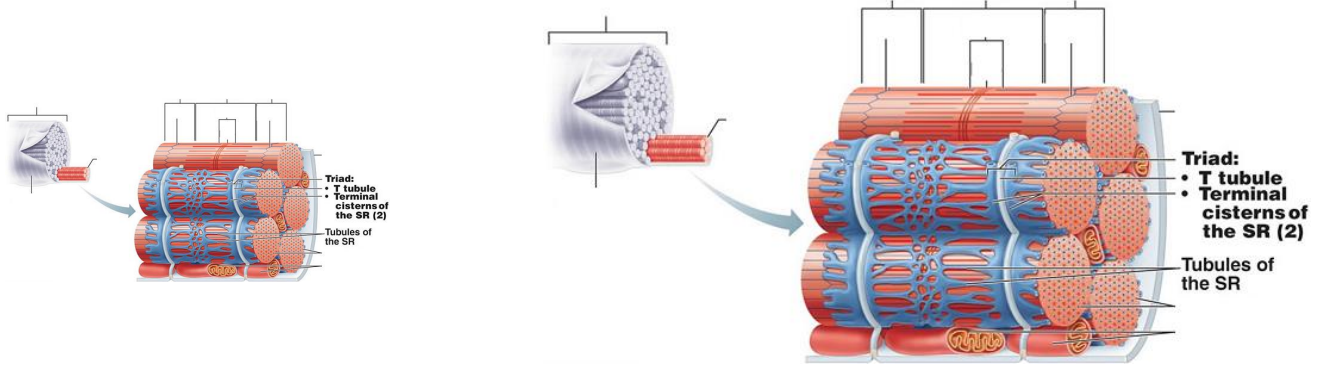
Question #29: How does the structure of muscle cells relate to their function?

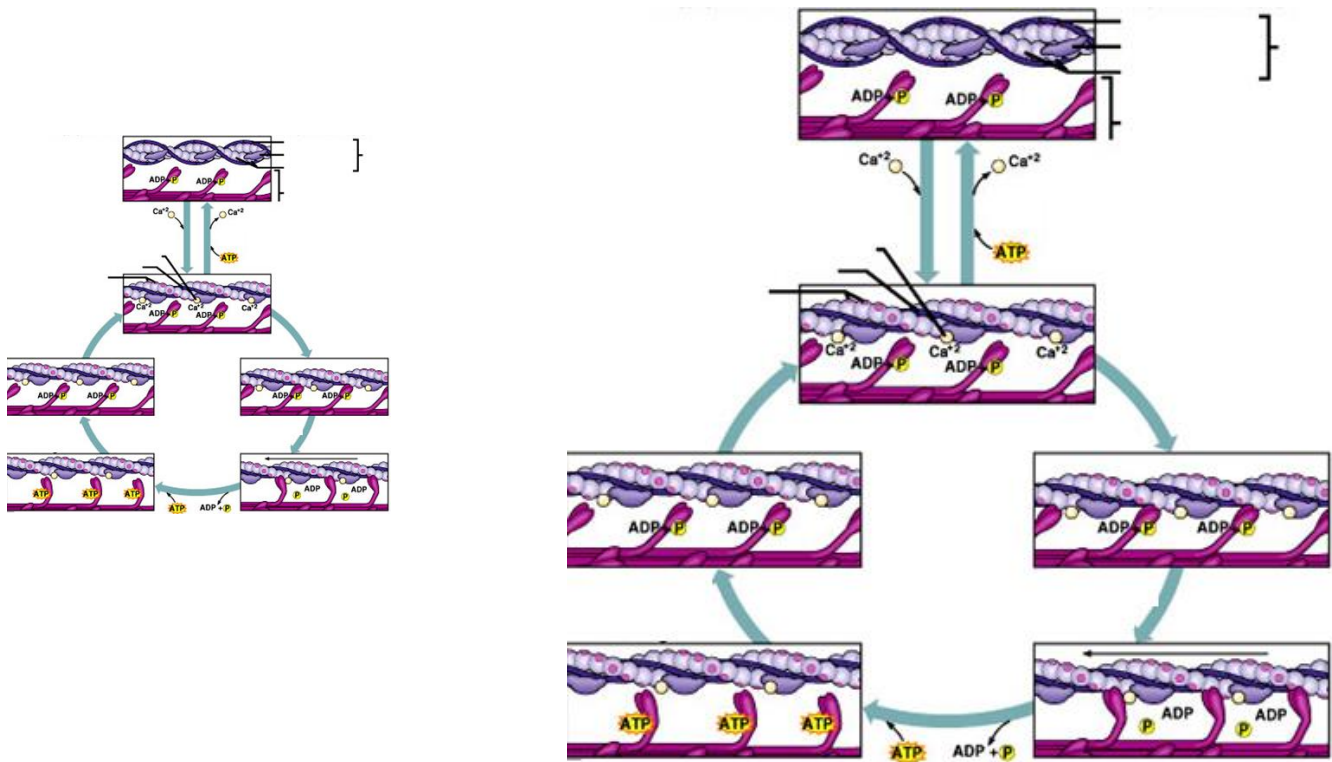


Question #30: How does the nervous system control muscle contraction?

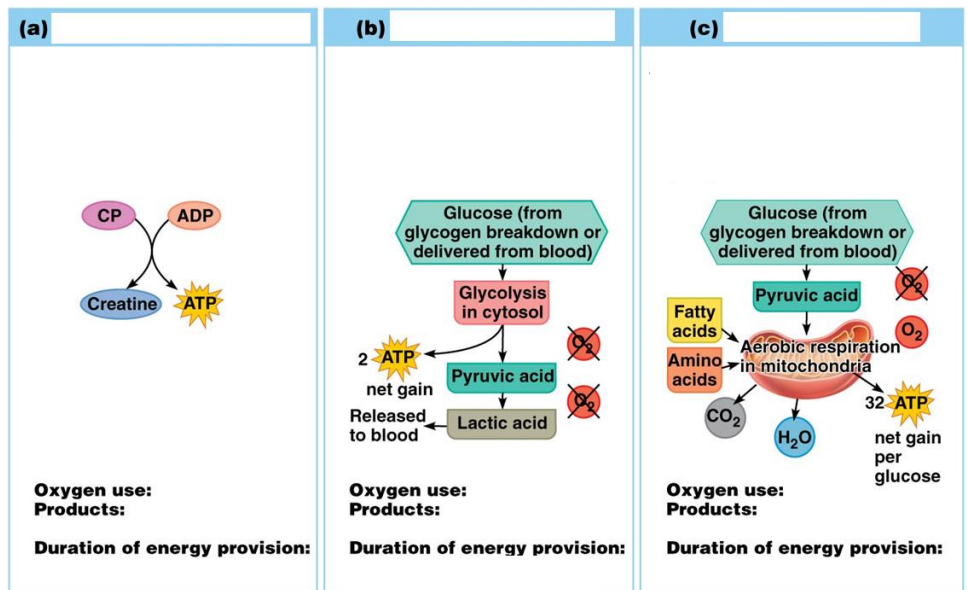
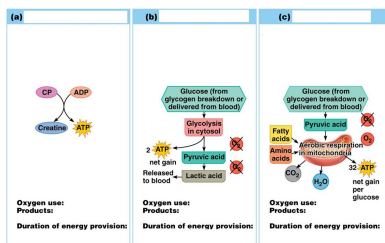


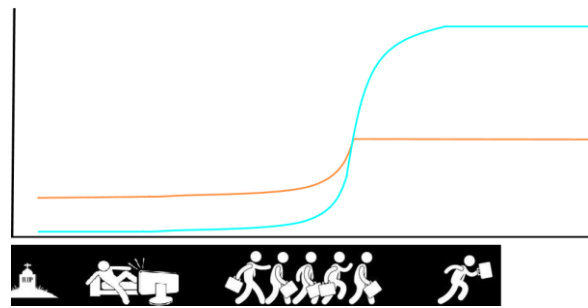
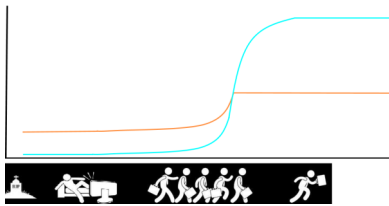
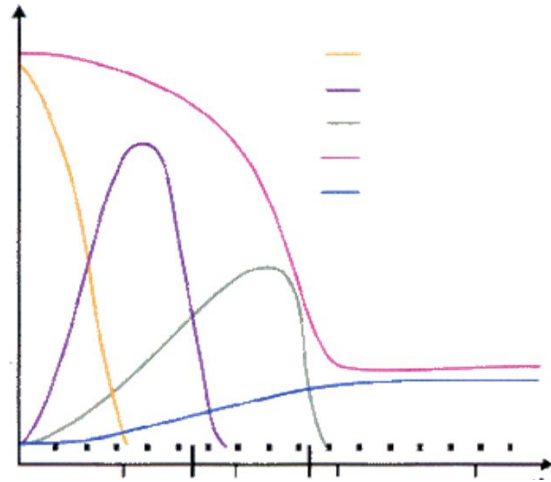
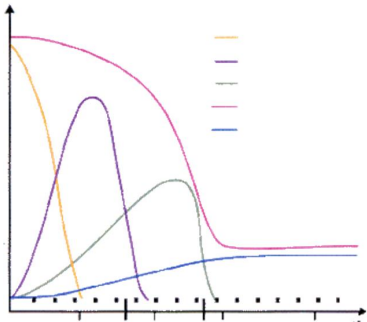
Question #31: How does a muscle fiber contract?



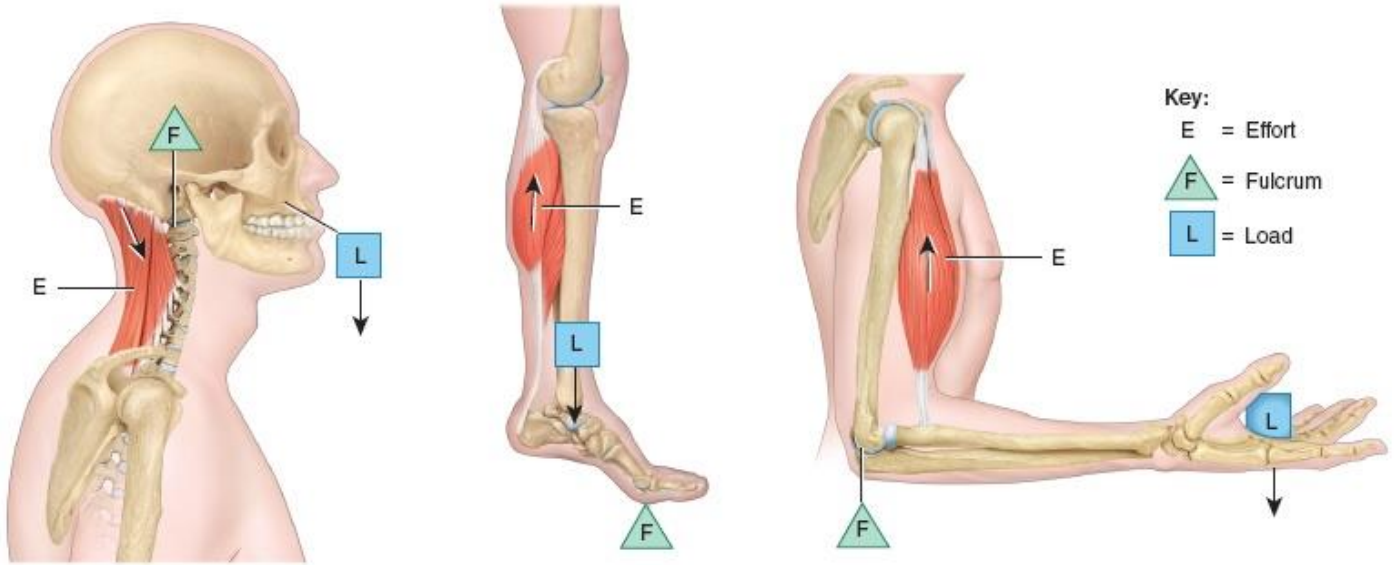


Question #32: Where does the energy for cross bridge formation come from?





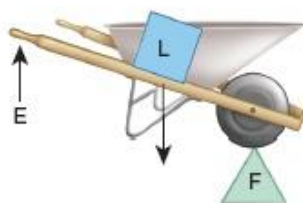
Question #33: How do muscles move bone?



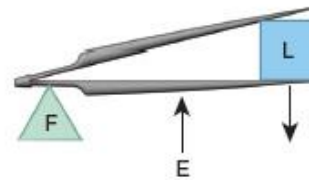
Key:
 E = Effort
 F = Fulcrum
 L = Load



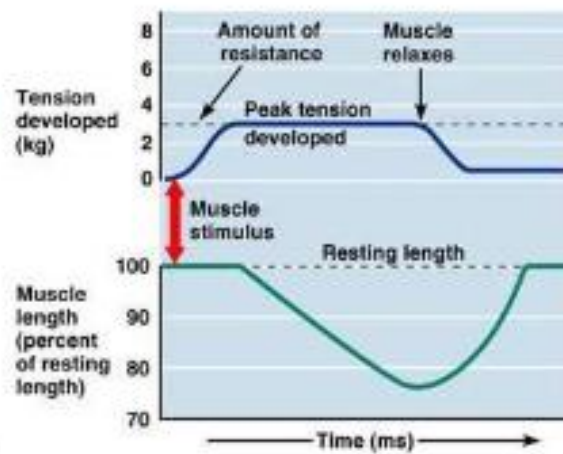
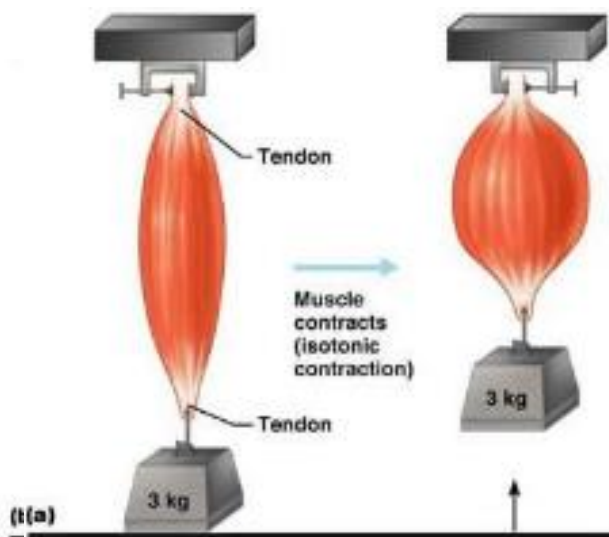
(a) First-class lever

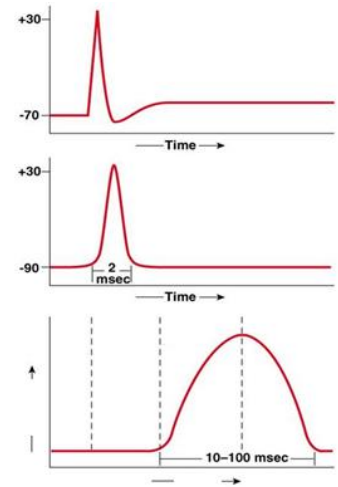
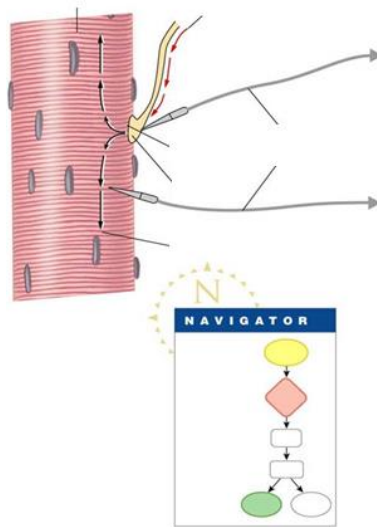
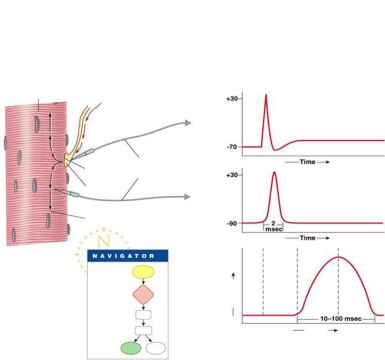
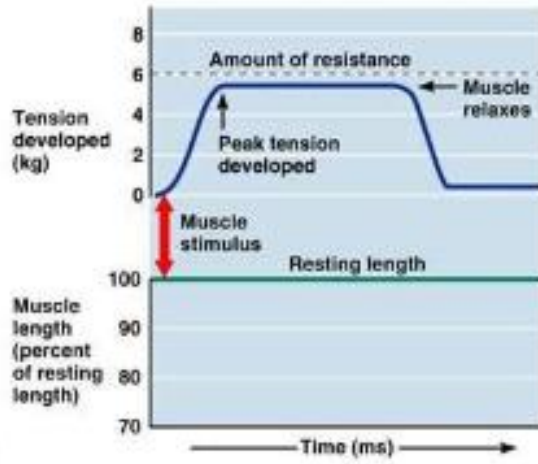
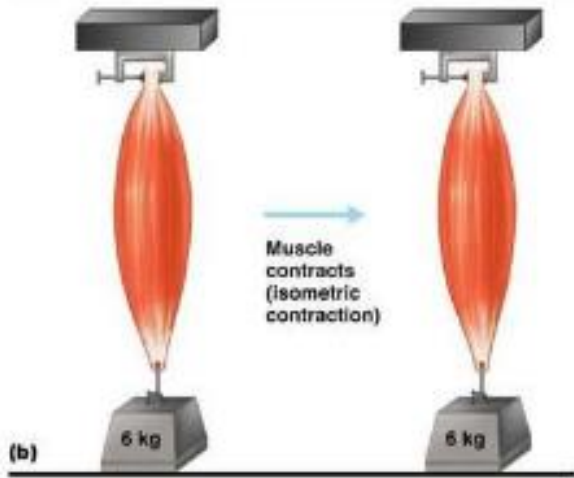


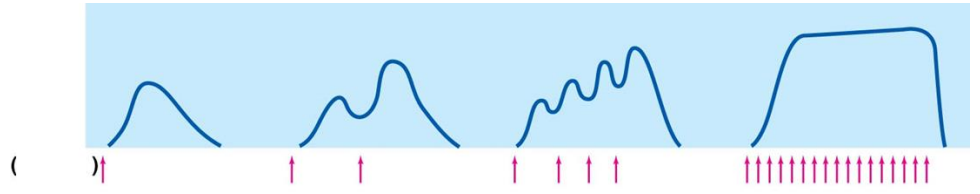
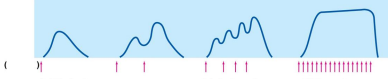
(b) Second-class lever



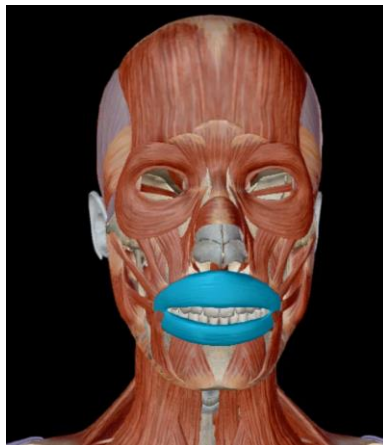
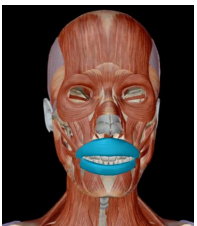
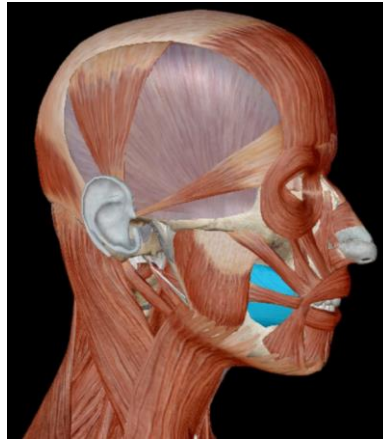
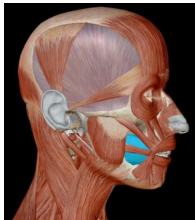
(c) Third-class lever

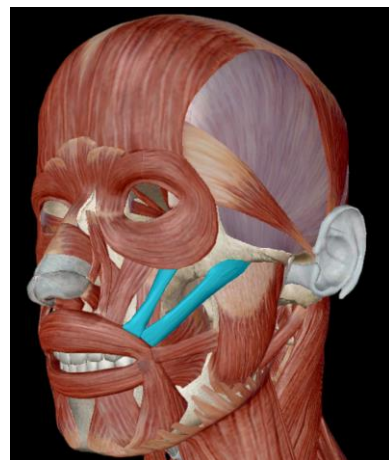
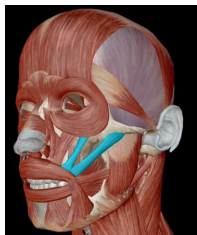
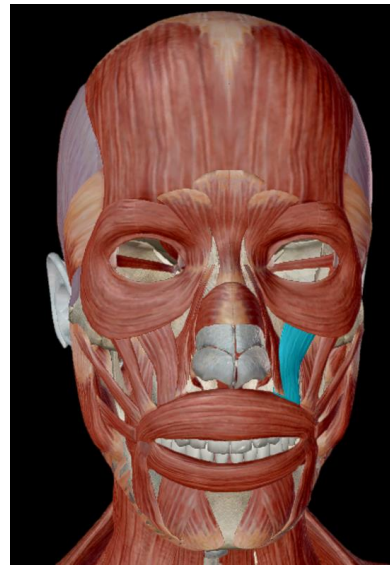


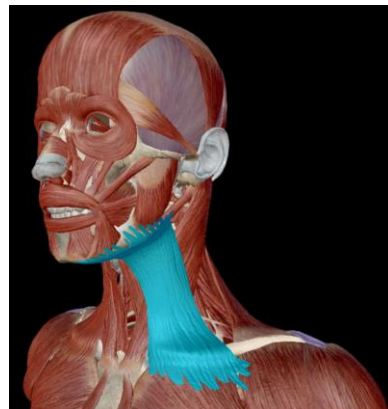
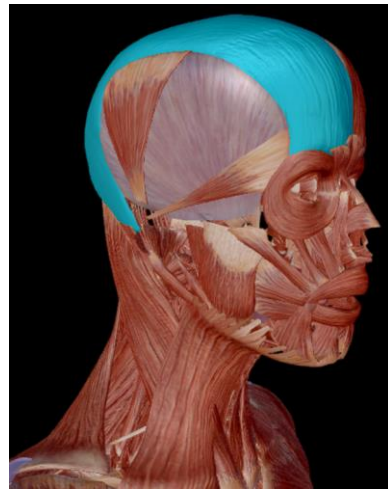
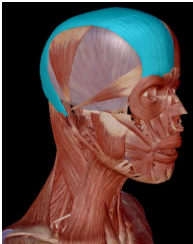
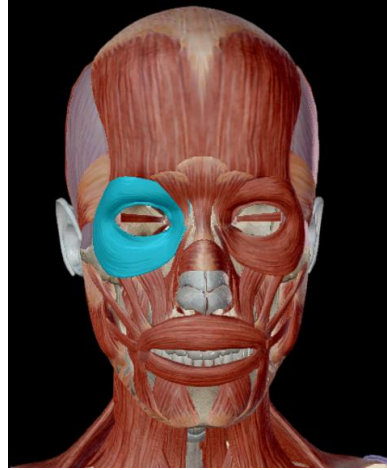
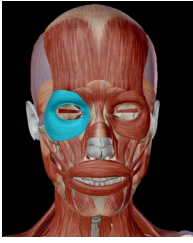


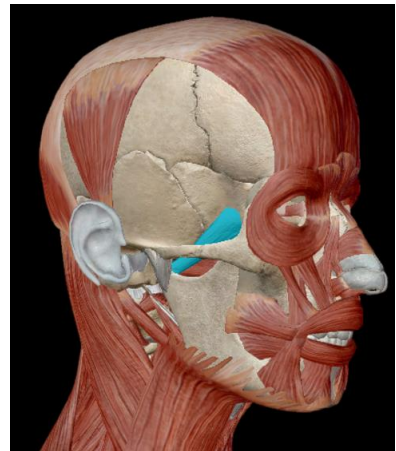
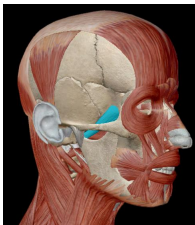
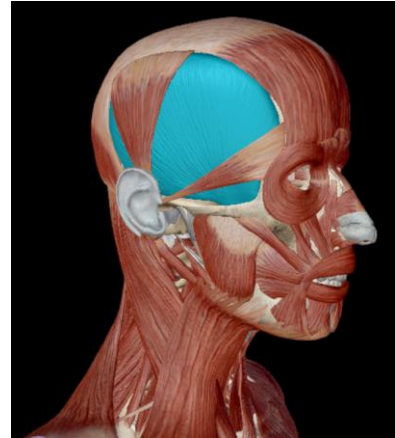
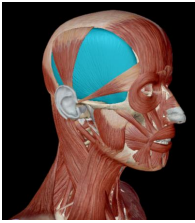
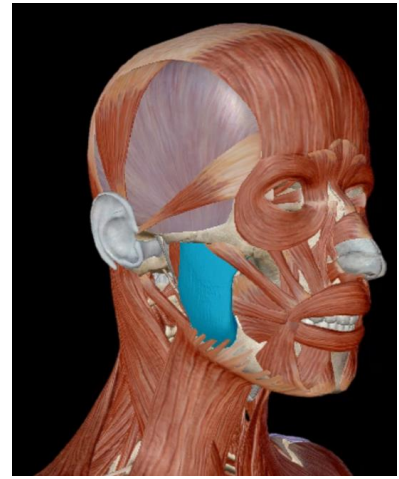
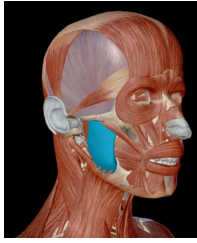


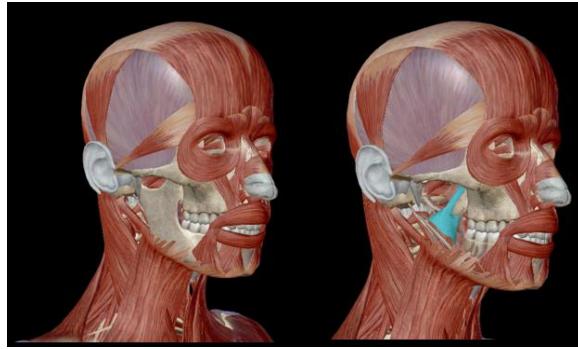
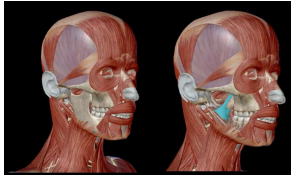
Question #34: What are the muscles of facial expression and mastication?



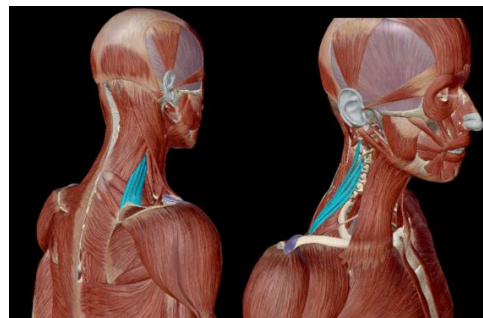
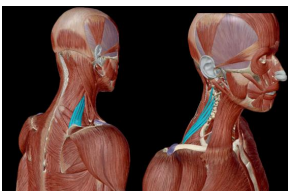
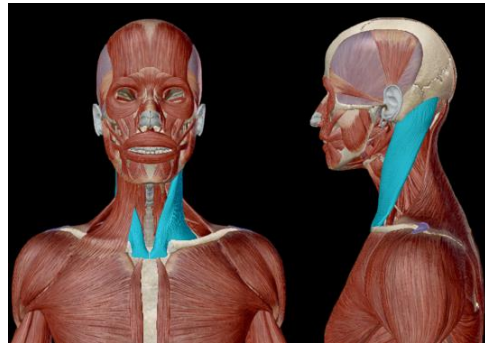
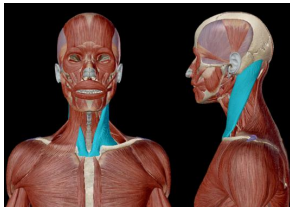


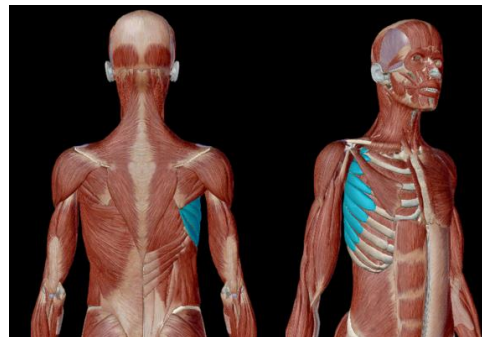
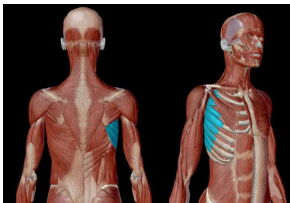
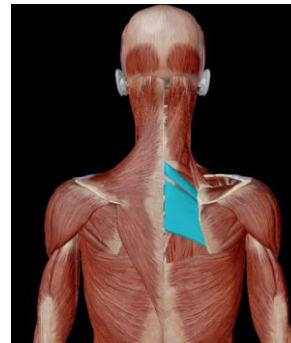
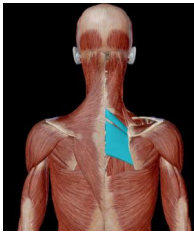
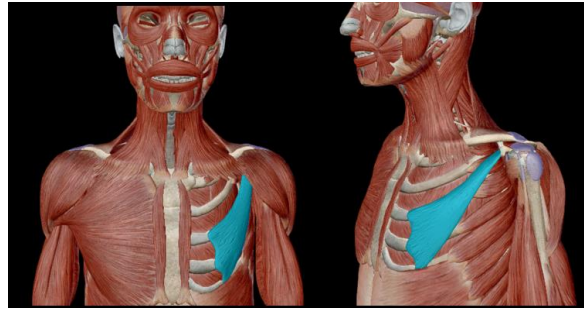
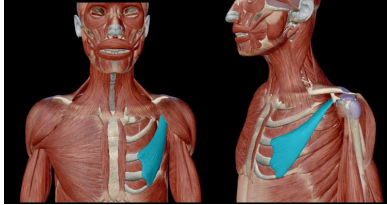


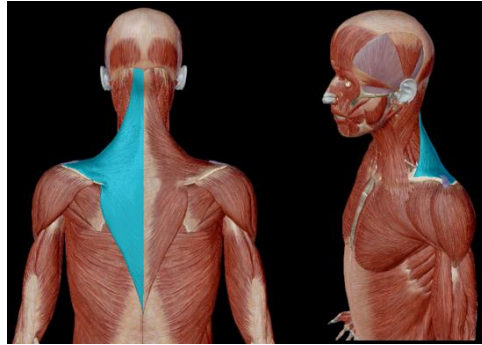
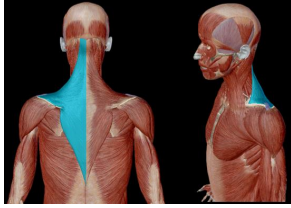




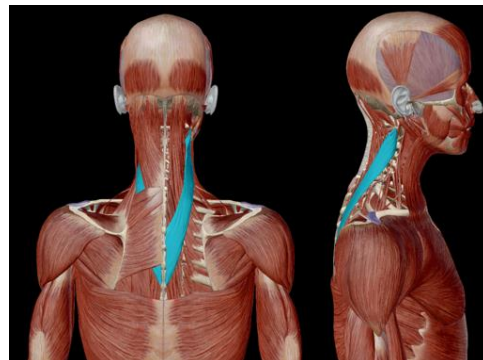
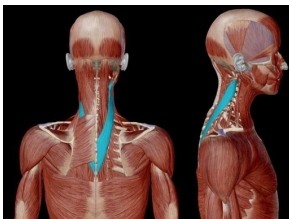
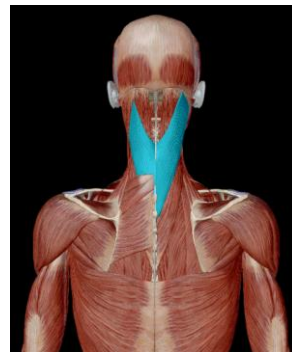
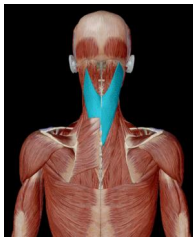
Question #35: What are the muscles that move the head and pectoral girdle?

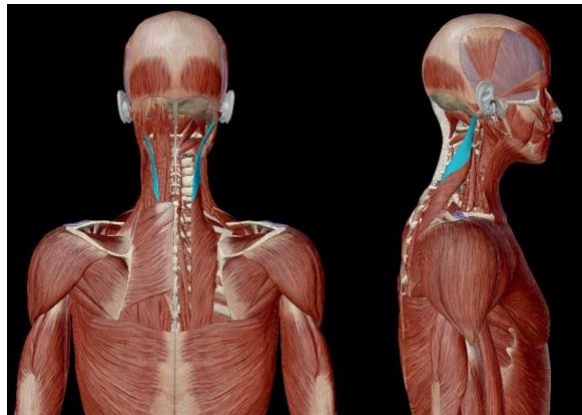
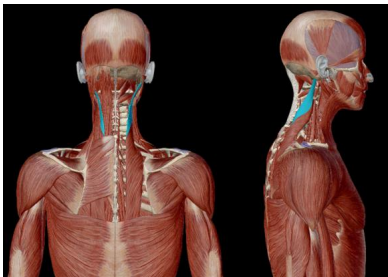
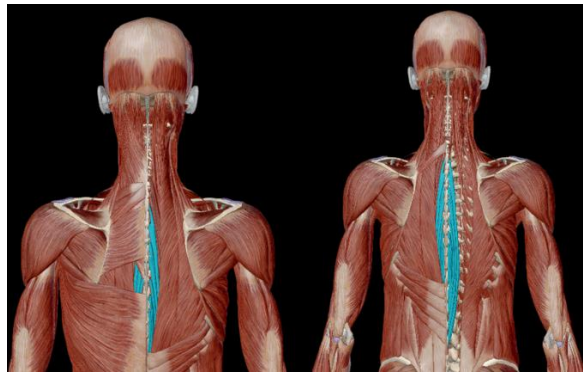
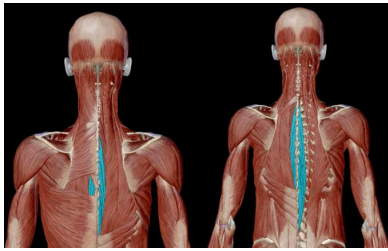
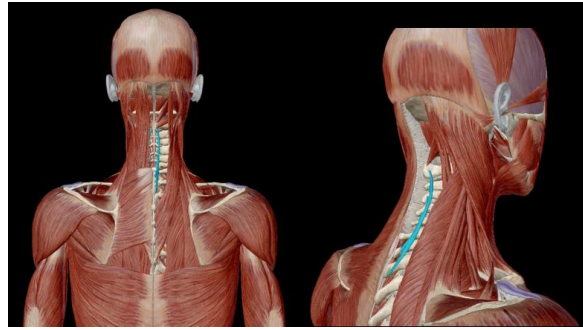
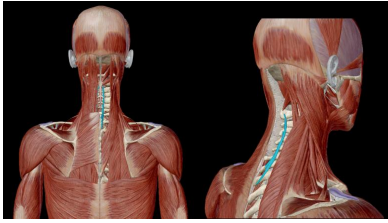


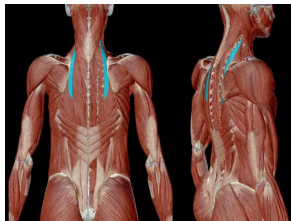
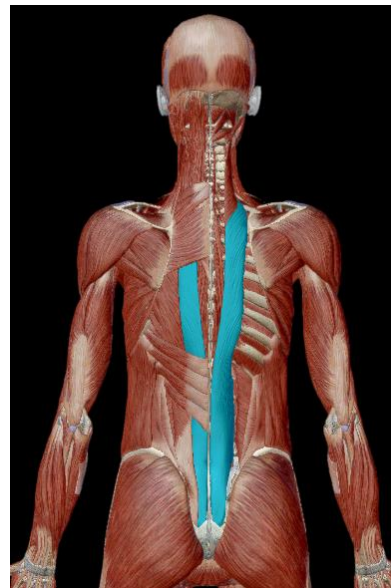
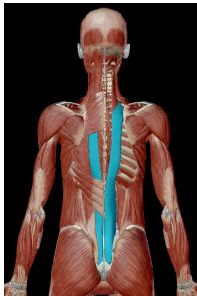
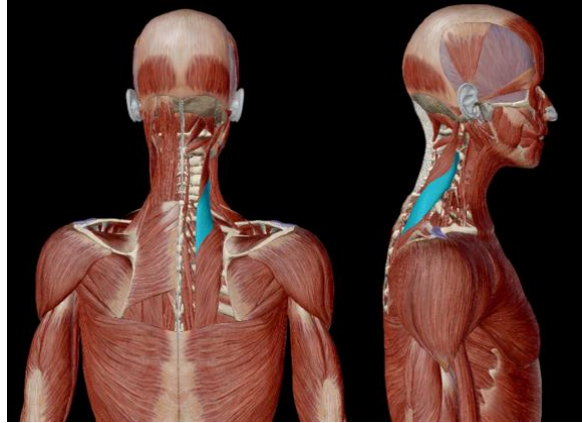
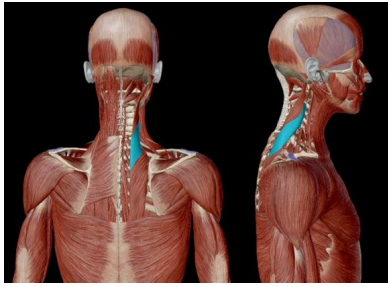


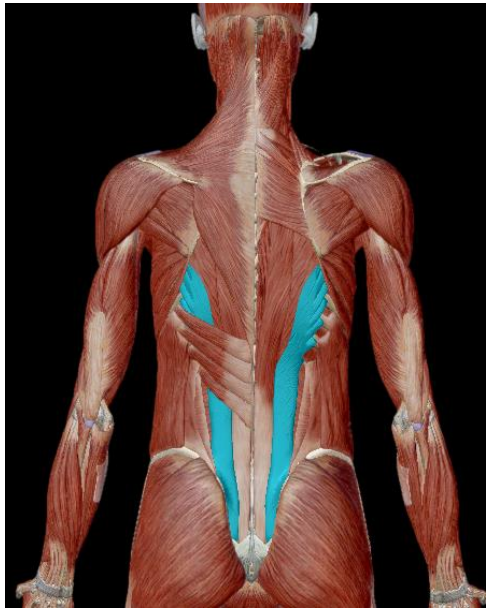
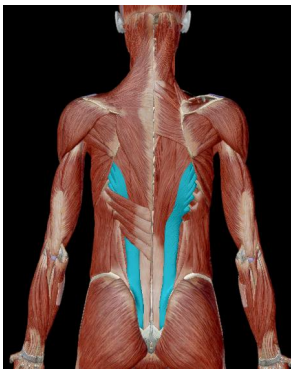
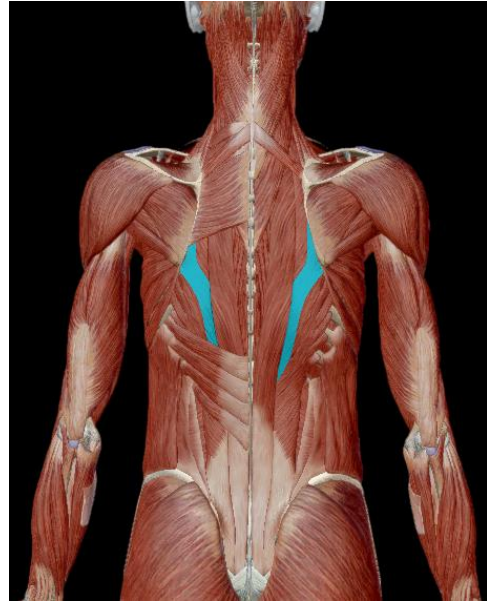
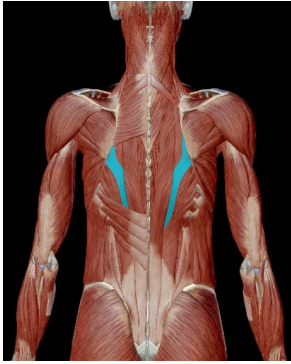


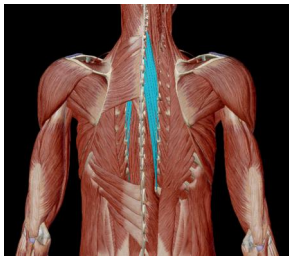
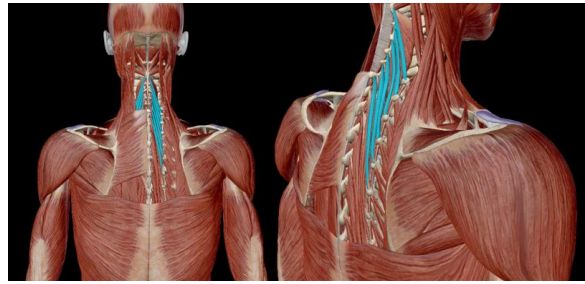
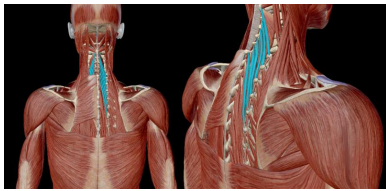
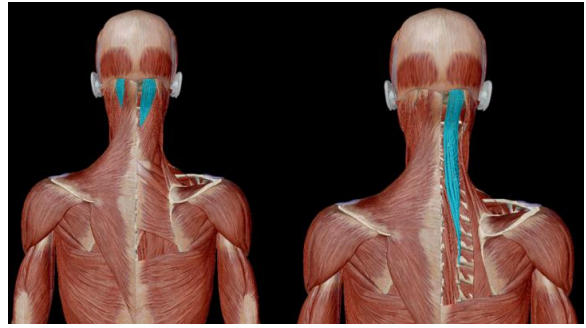
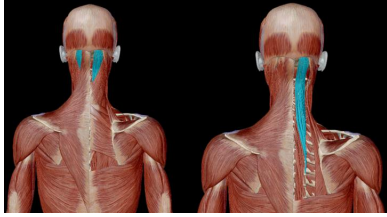
Question #36: What are the muscles that move the vertebral column?

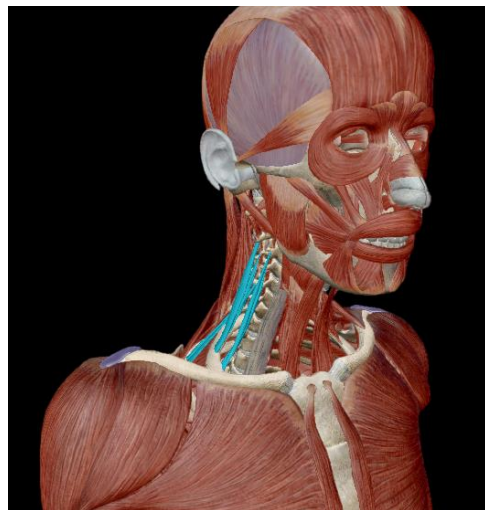
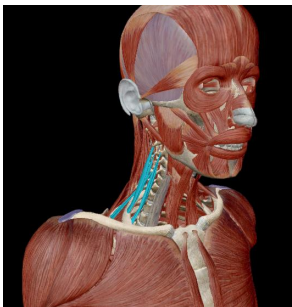
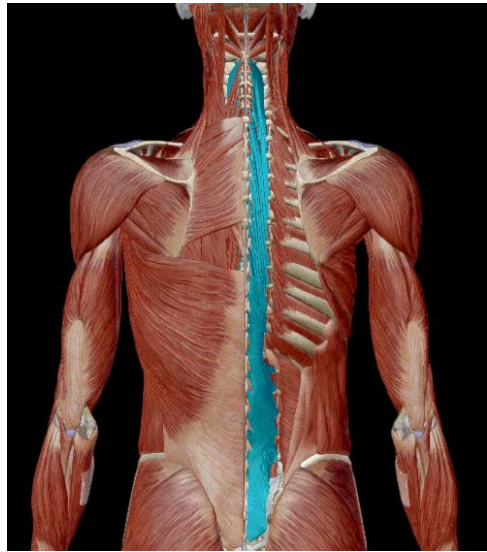
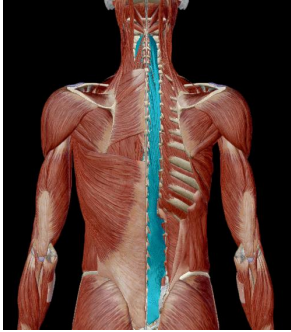


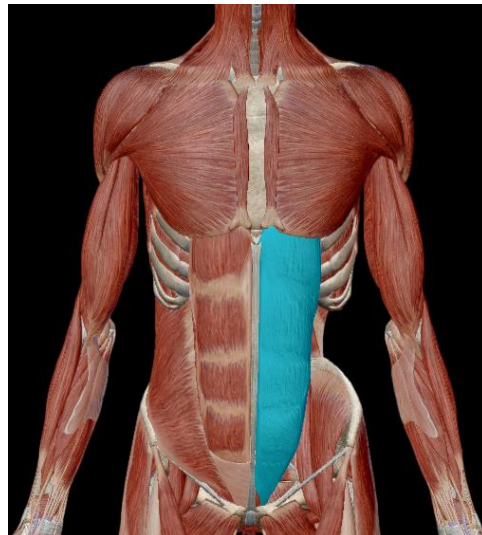
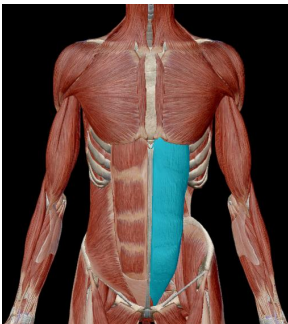
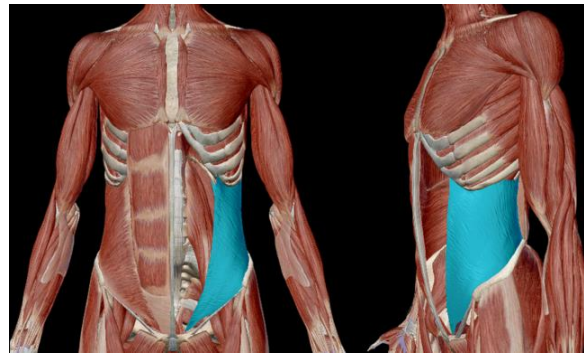
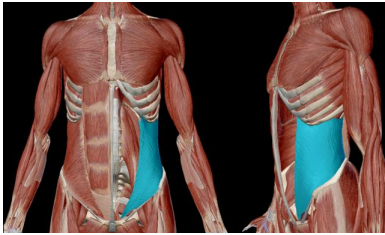
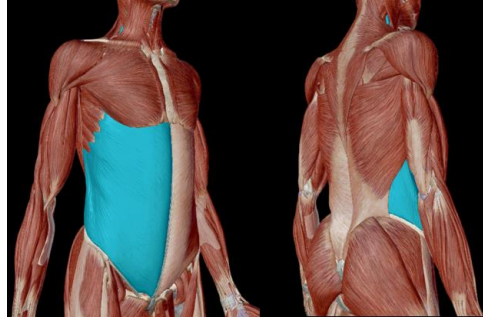
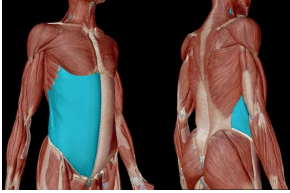




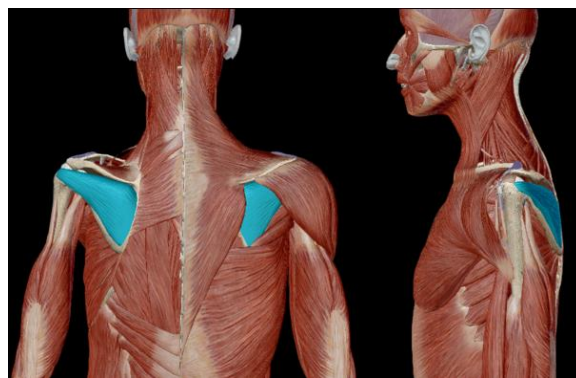
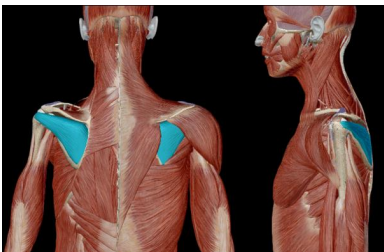
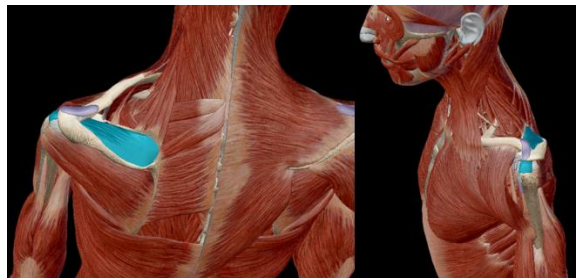
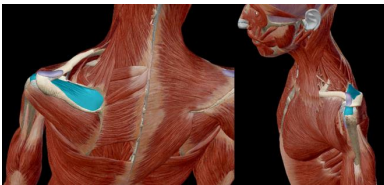
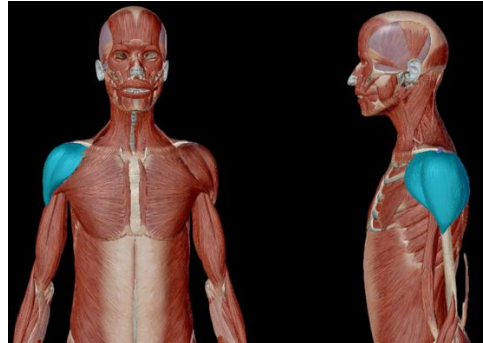
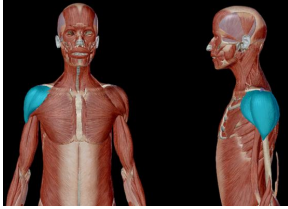


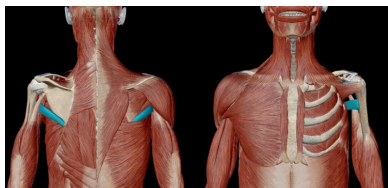
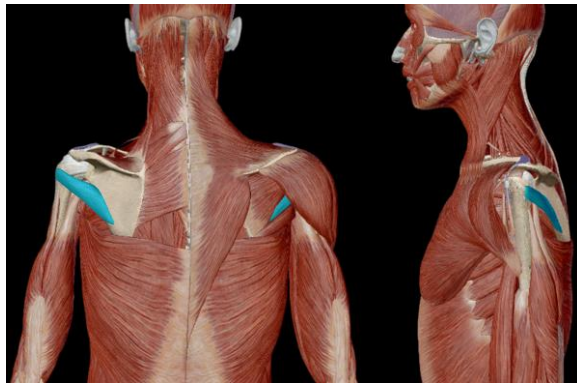
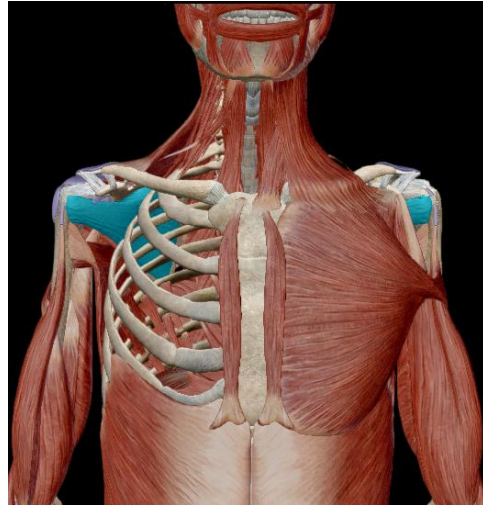
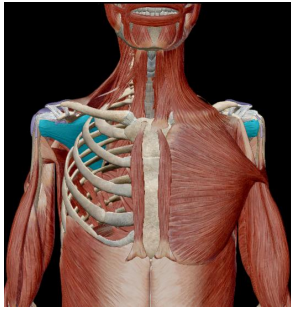


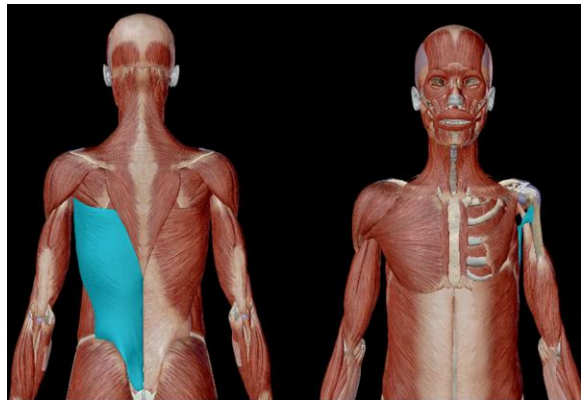
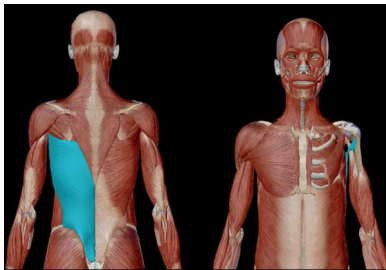
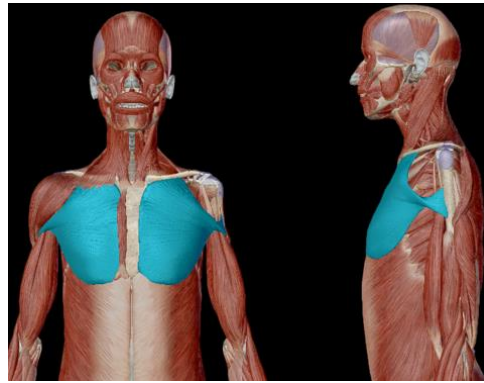
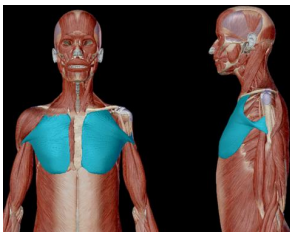
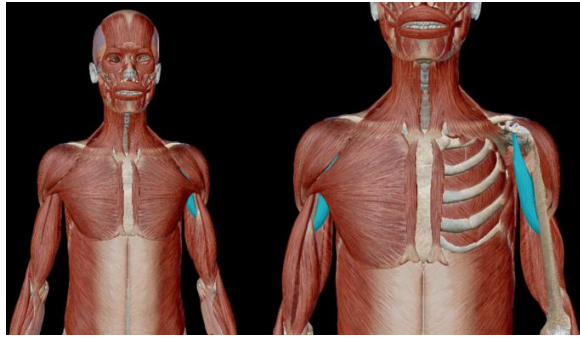
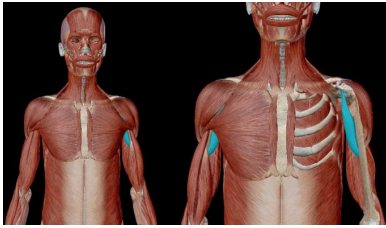


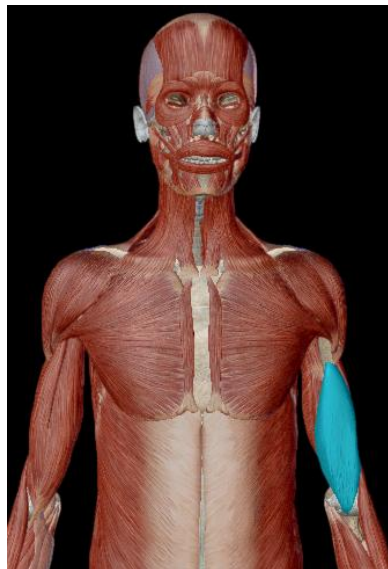
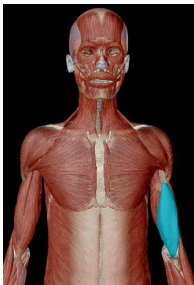
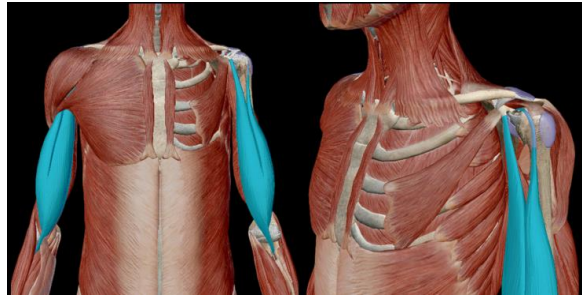
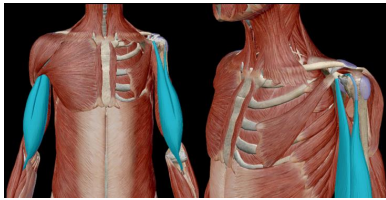


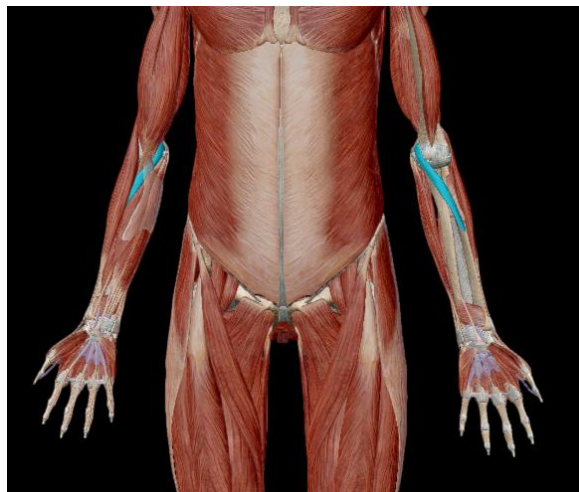
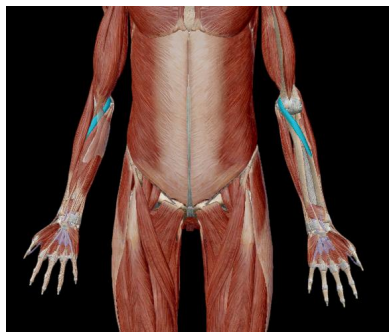
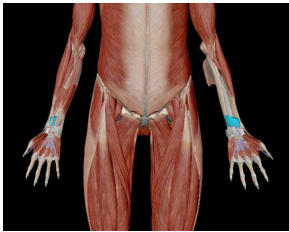
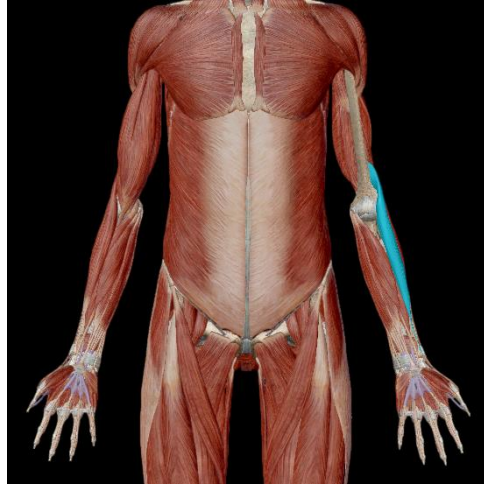
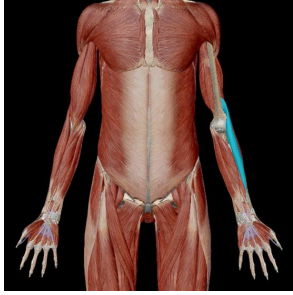
Question #37: What are the muscles that move the arm and forearm?







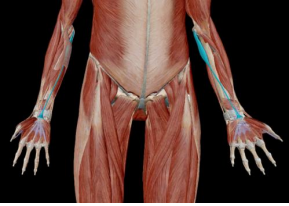


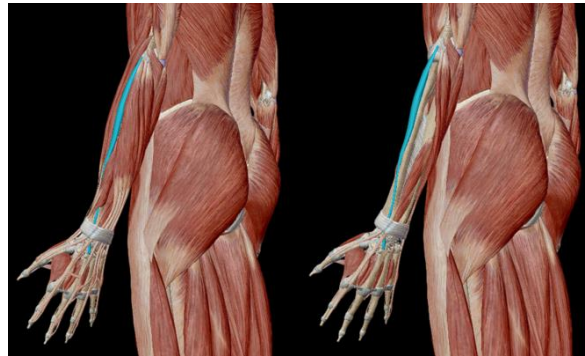
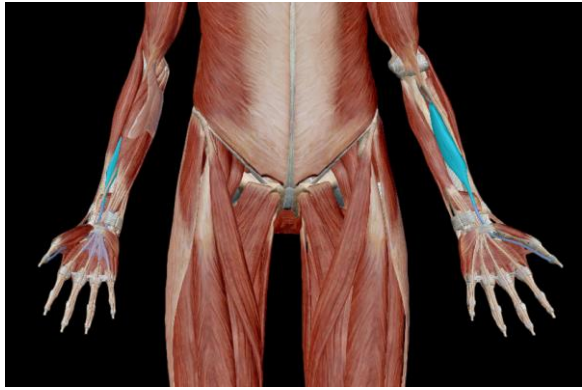


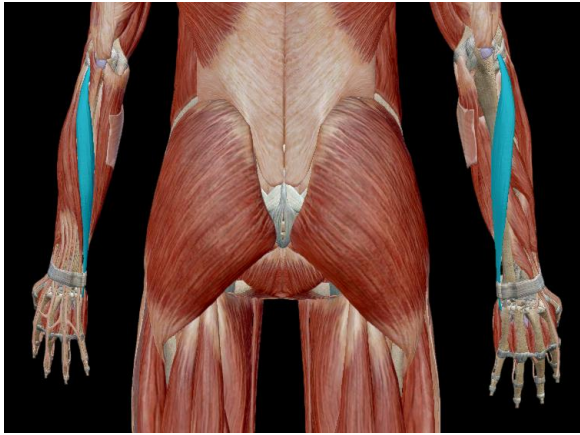
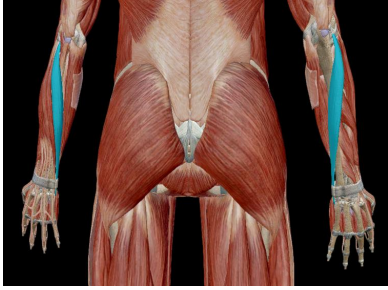


Question #38: What are the muscles that move the hand and fingers?

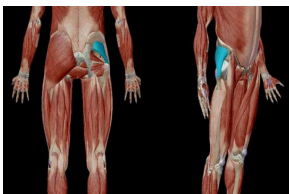
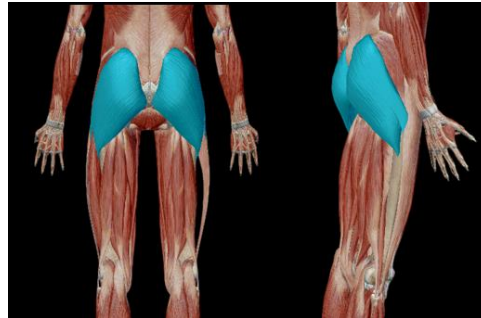
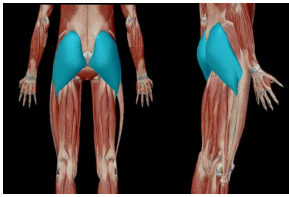


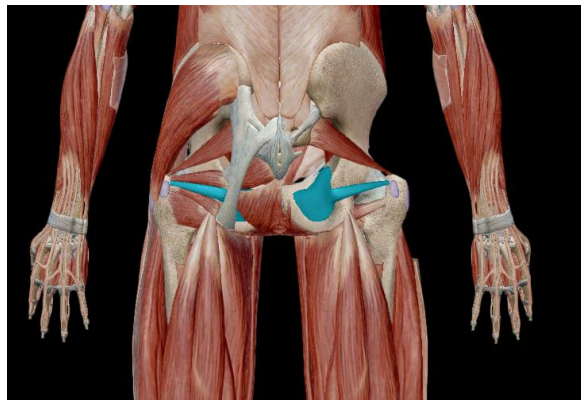
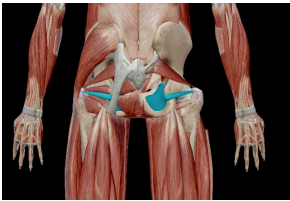


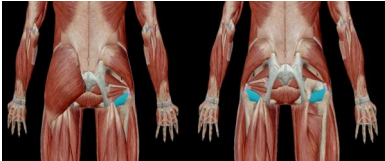
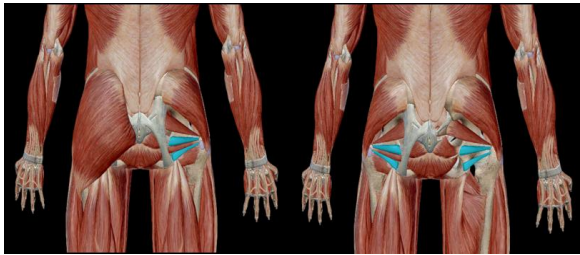
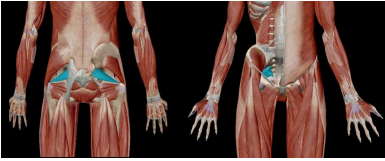


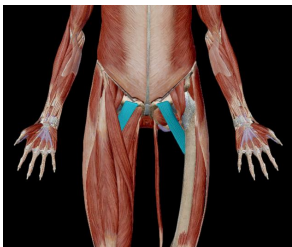
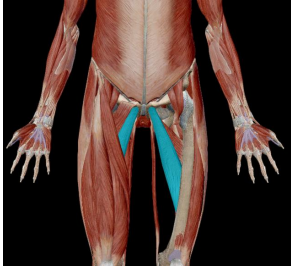


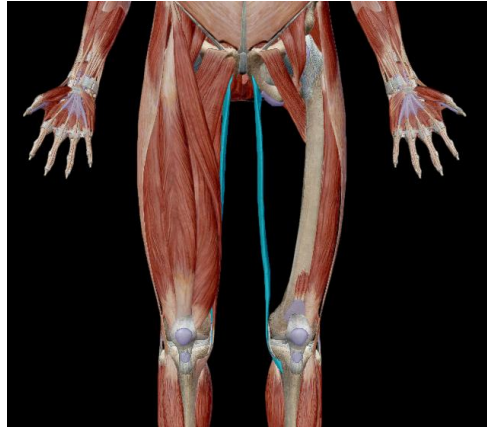
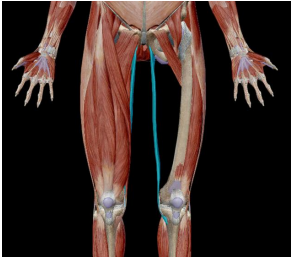
Question #39: What are the muscles that move the thigh?



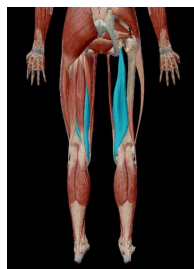




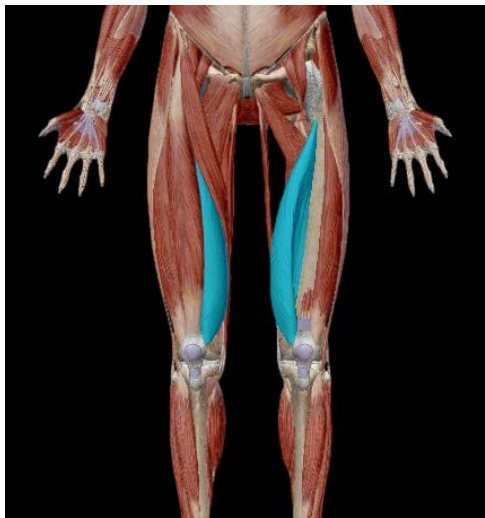
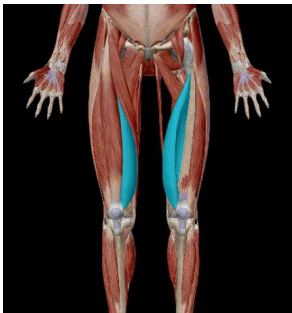
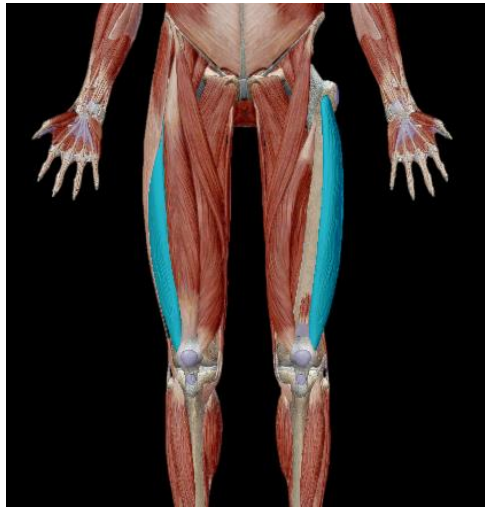




Question #40: What are the muscles that move the leg?







Question #41: What are the muscles that move the foot?

