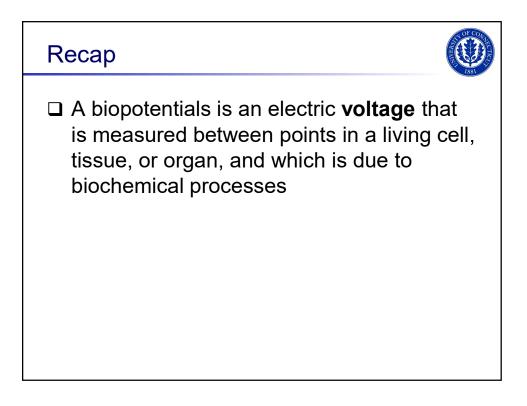


Introduction to Bioelectricity Part III

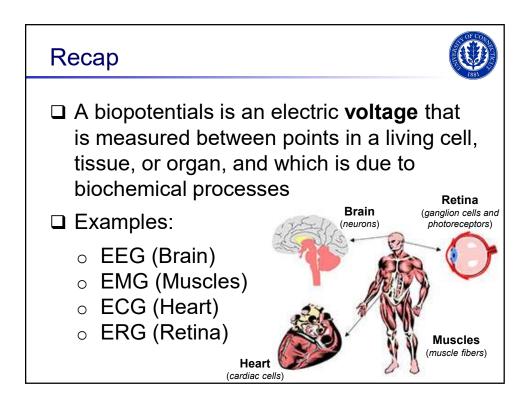
Sabato Santaniello Contributors: Dr. Brown, Dr. Kaputa, Dr. Kumavor, Dr. Shin (UConn BME dept.)

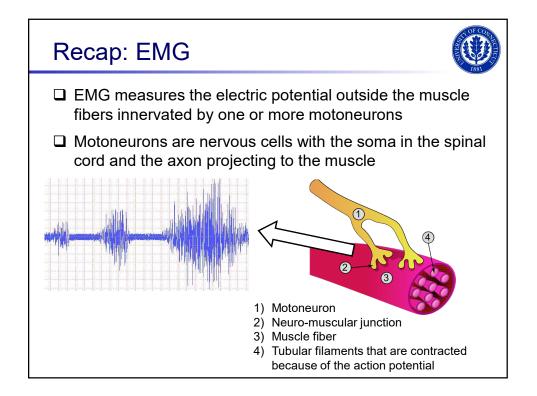


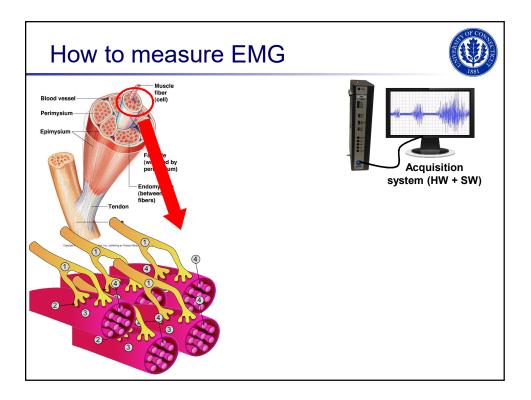
Recap

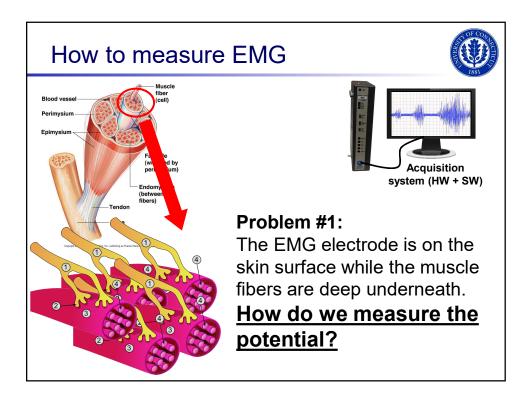


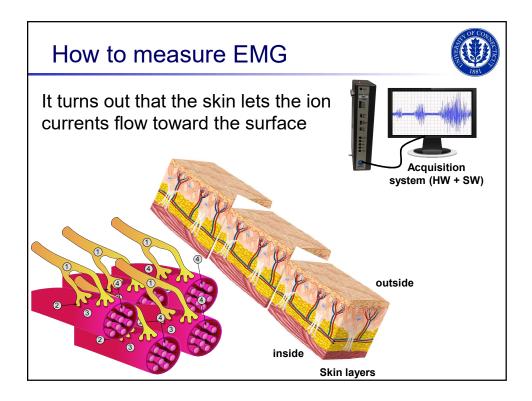
- A biopotentials is an electric voltage that is measured between points in a living cell, tissue, or organ, and which is due to biochemical processes
- If measured in a tissue or organism, the biopotentials capture the overlap of action potentials fired by many cells concurrently

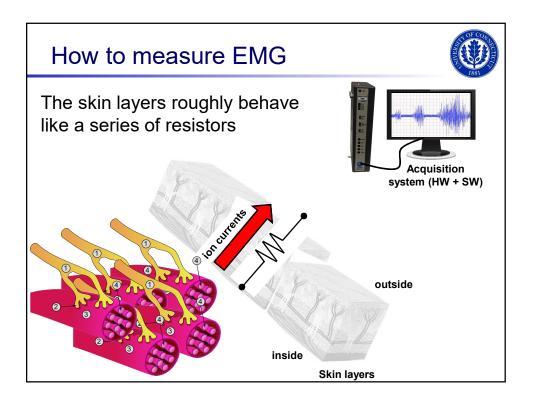


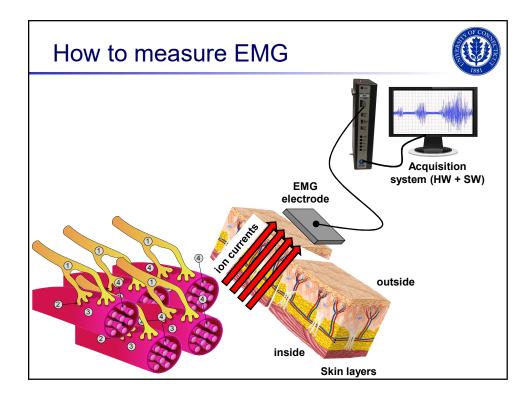


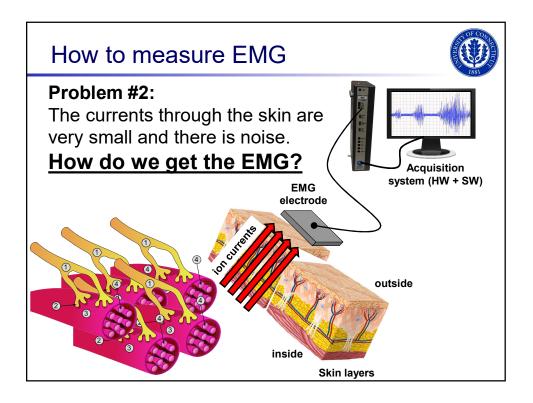


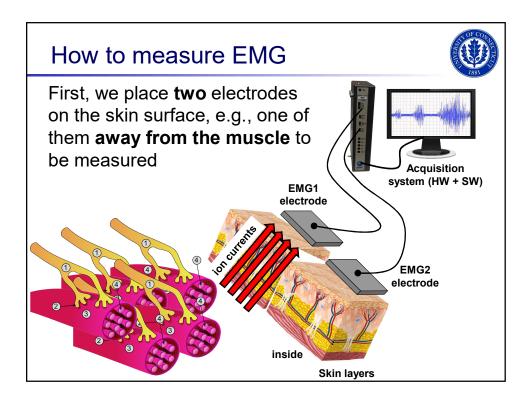


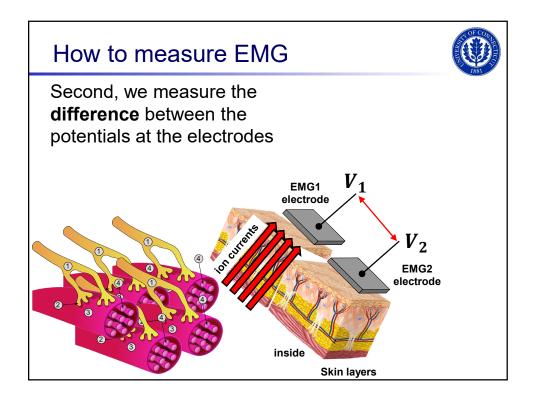


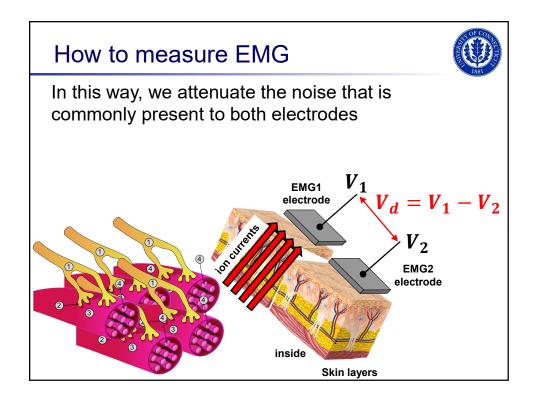


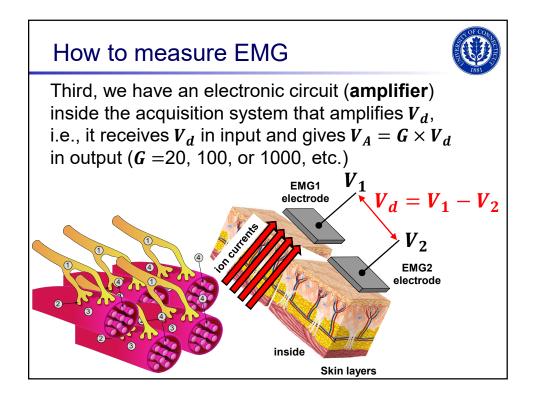


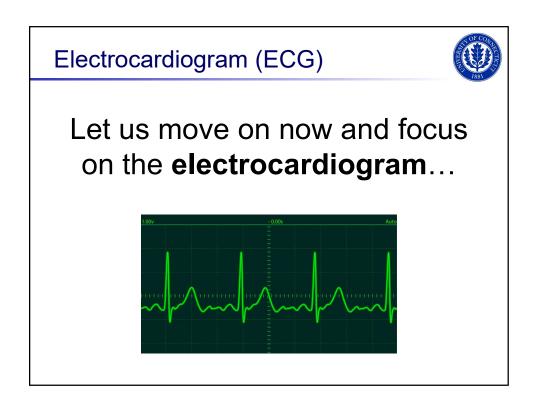


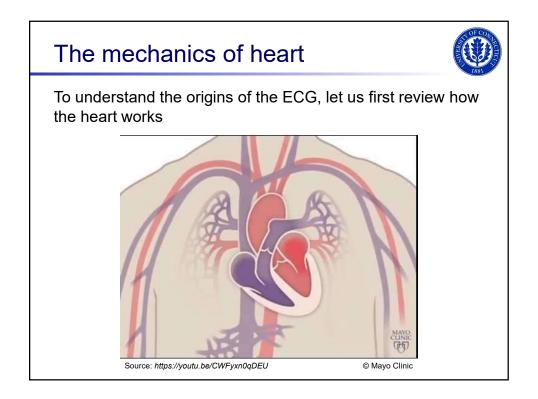


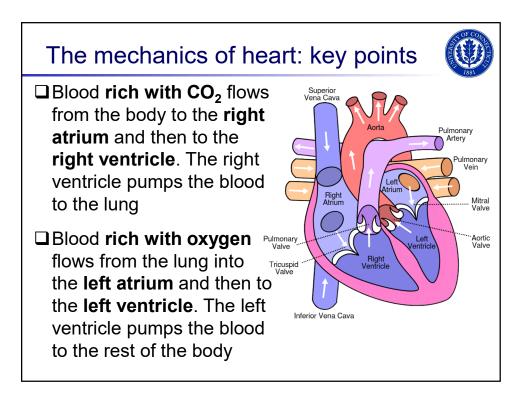


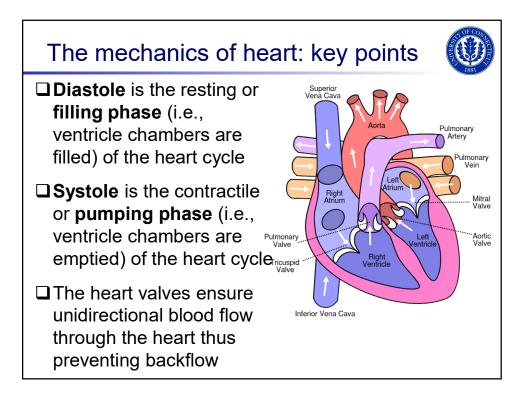


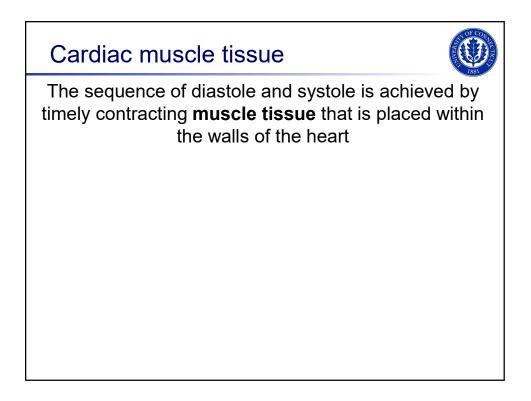








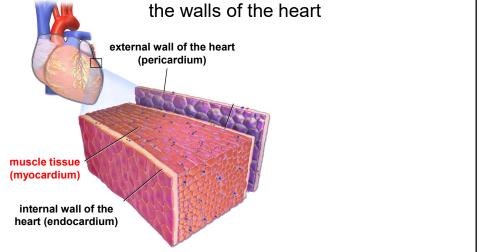


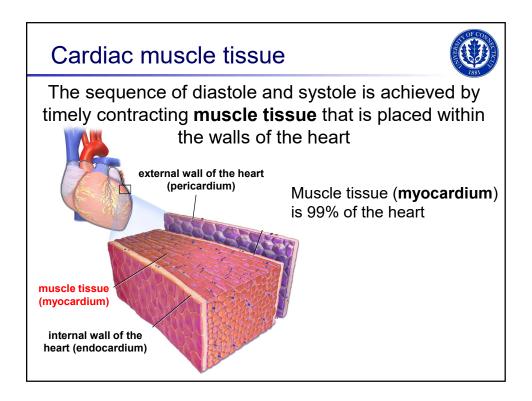


Cardiac muscle tissue



The sequence of diastole and systole is achieved by timely contracting **muscle tissue** that is placed within





Cardiac muscle tissue



The sequence of diastole and systole is achieved by timely contracting **muscle tissue** that is placed within

