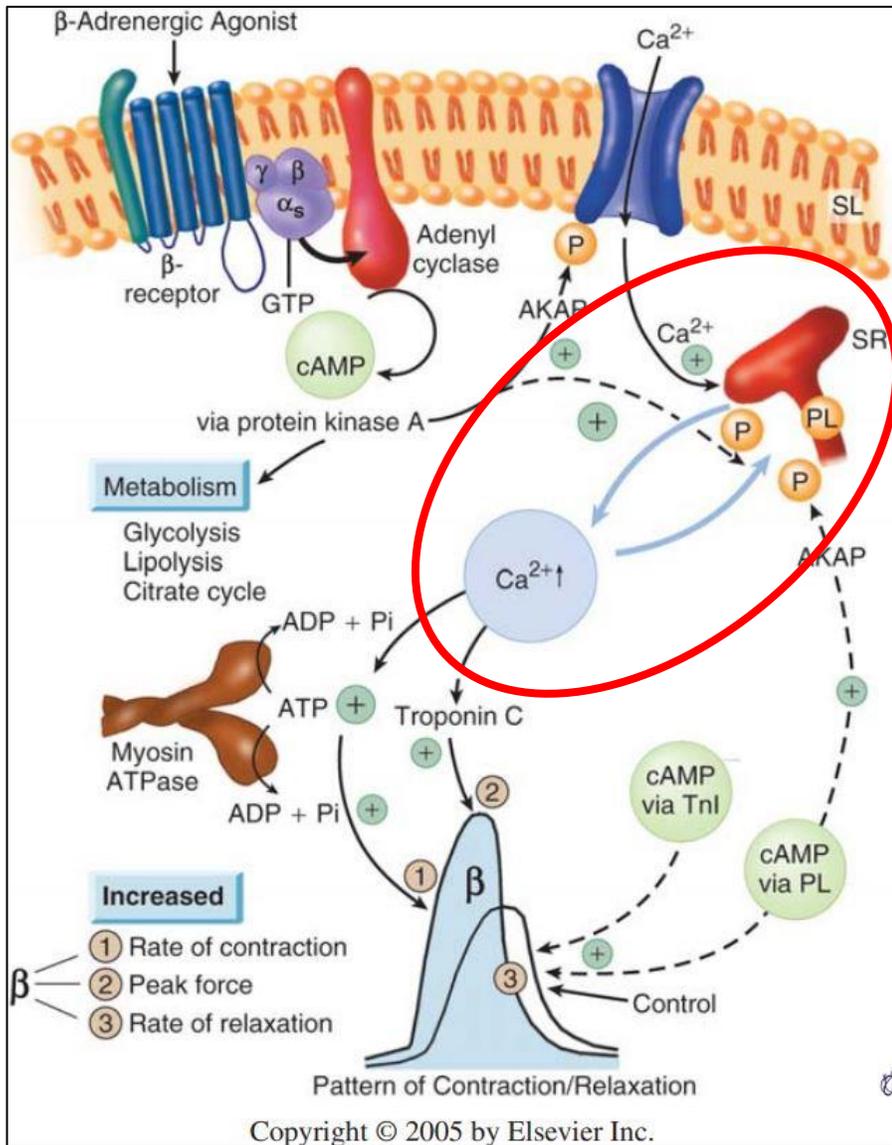


Magneto- ionography

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Magnetoionography (MIG) is a new method derived from MCG and patented by bmp in Aug 2022, which for the first time allows for the characterisation of individual ionic currents in cardiac muscle cells (intracellular and membrane currents).

Ca²⁺ transient



ECG vs MCG: MCG is a New Quality



Electrocardiogram is blind to Ca²⁺ transient because of isolation by the cell membrane.



Because MCG measures magnetic field strength from cardiac currents contact-less MCG measures the cell membrane potential as well as Ca²⁺ transient.

*Since the invention of ECG 1895 and MCG 1963
MCG was held to be the better ECG.
Now we can look with MCG directly into the cell !*