Diagram referenced as "Mechanical equivalent diagram of contraction typical of those shown in Fig 3"

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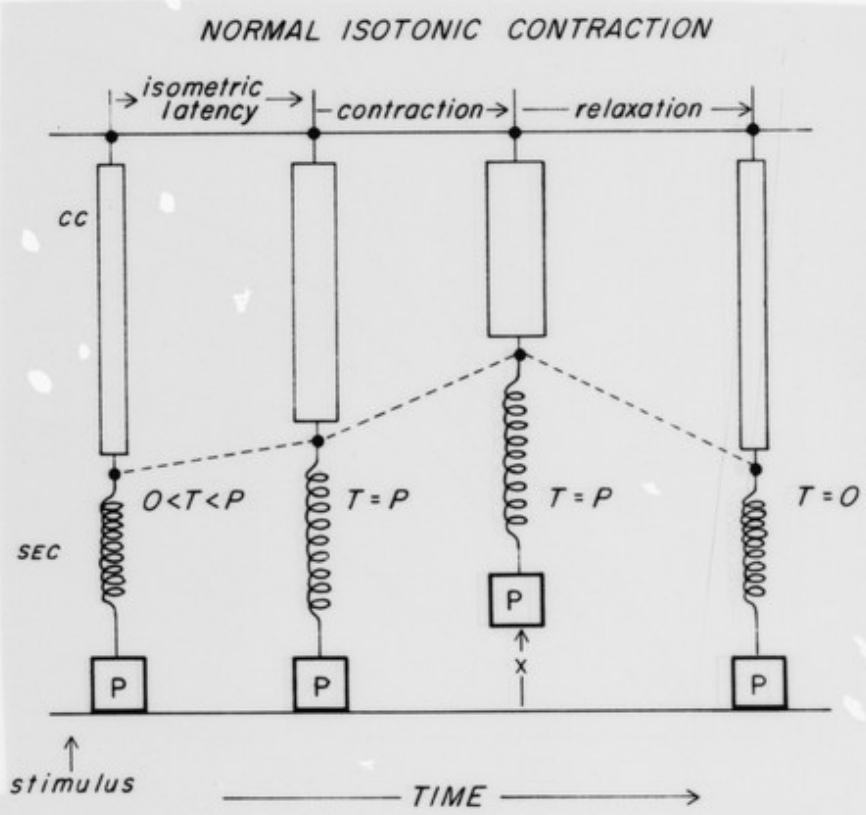
shortening, in which occurs (*a*) a [illegible]hanical latency a[illegible] then (*b*) an added period of isometric [illegible] During the is[illegible] metric latency the CC is shortening and bu[illegible] tension [illegible] stretching the SEC. When the tension equals [illegible] muscle becomes able to lift the load, and contraction and relax[illegible] proceed as outlined previously for Fig. 2.



Mechanical equivalent diagram of contraction typical of those shown in Fig. 3.

The records of actual isotonic contractions included in Fig. 3 show several features of interest. At 0°C the true latent period [illegible] the time from instant of stimulation to onset of shortening a[illegible] load) for the frog sartorius is about 20 to 25 msec (8, 27). [illegible] time lapse before onset of any of the shortening curve[illegible] of Fi[illegible] the sum of the times for true latency and isometri[illegible] latency, [illegible] latter is greater the greater the load. If the loa[illegible] is just great[illegible] no external shortening at all occurs: thi[illegible] load, in a twitc[illegible]ures the peak twitch tension, and, in [illegible] tetanus, P_o. From [illegible] be plotted givin[illegible]