

Graph referenced as "Effect of stretching a tetanized muscle in 3 different regions of the tension-length curve"

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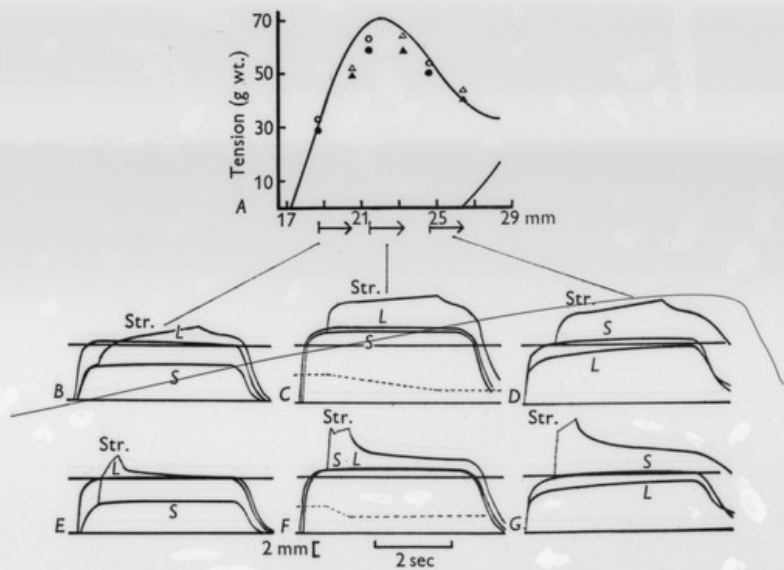
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Experiment to show the effect of stretching a tetanized muscle 1.8 mm in three different regions of the tension-length curve.

A. The continuous line shows the tension-length curve at the beginning of the experiment, and the arrows show the three regions investigated: 18.7 → 20.5 mm (records B, E); 21.4 → 23.2 mm (records C, F); 24.6 → 26.4 mm (records D, G). The symbols show the tensions actually developed after 2 sec in records B-G.

B-G. Copies of experimental records showing the tension change during a 4.5 sec tetanus at shorter length, *s*; plotted as ○ or ● in A.

L, 4.5 sec tetanus at longer length; plotted as △ or ▲ in A; Str., 4.5 sec tetanus with stretch; BCD, ○ or △, slow stretch 0.6 mm/sec; EFG, ● or ▲, fast stretch 2.8 mm/sec; C, F show the length change (interrupted line). The top horizontal line in each record shows the deflexion produced by 50 g wt. Semitendinosus, 0° C, 42 mg, $P_0L_0/M = 3.7 \text{ kg/cm}^2$.