

sion, is indicated by the following changes which occur in the order given: (a) fibrillation or splitting of the fibres, (b) loss of tingibility, (c) fragmentation and granulation; then occurs either (d) absorption or (e) formation of elacin from elastin, followed by (f) a tendency to over and diffuse staining with the elective stains, and finally (g) impregnation of the elastic fibres with a calcium salt.

4. Under tension, elastic fibres may be absorbed without visible change except progressive thinning, or may fibrillate, undergo granular disintegration, and then be gradually absorbed.

5. Under tension and under the other conditions of these experiments, elastic fibres, apparently show no tendency to undergo impregnation by calcium salts.

6. The elective elastic stains are not true indicators of the condition of elastic fibres in certain stages of degeneration, unless used in conjunction with tests for elacin (Unna's method) and calcium (Schmorl's method).

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