

.6 RETROGRESSIVE CHANGES.**.61 Atrophy.****41.61¹ Atrophic Bone-marrow in Anæmia.**

The marrow is very scanty, of a pale colour throughout. The bone is thinned also, so that the total volume of the marrow is very small. The excess of bone is shown by the honeycombed appearance.

This change is the result of atrophy of the marrow tissue proper, while the bony trabeculæ have shared in the general atrophy.

J. W., male, aged 25. Admitted to the R.V.H. on August 30, 1911, with signs of uræmia (dyspnœa, continuous epistaxis). He had been ill six weeks. Red cells 750,000, whites 10,000.

P.M. Chronic mixed nephritis. Chronic adhesive pleurisy. Hypertrophy and dilatation of the heart. Fatty liver. Hyperplastic spleen and lymph-nodes. Ecchymoses of stomach.

Ref.: E. 4729. R.V.H. 145.11.

PRESENTED by Dr. Gruner.

41.61² Atrophic Bone-marrow.

This specimen shows almost exactly the same change as the preceding specimen. The marrow is here shown in cross section in place of longitudinal.

T., male, aged 53. Admitted to the R.V.H. April 17, 1912, in a state of uræmia from which he died on the day of admission. He had had convulsions for four days.

P.M. Chronic interstitial nephritis. Arterio-sclerosis of main arteries. Atrophic spleen. Atrophic marrow.

Ref.: E. 4971a. R.V.H. 54.12.

PRESENTED by Dr. Gruner.