

abundant in the marrow of the vertebra, three or four occurring in the field at once, and containing from five to six red corpuscles, the colour and outlines of which in most cases are preserved. In the sternum and rib they are not nearly so numerous; in the fibula and clavicle they were not observed.

(5) Myeloplaques, of which one or two only were met with in the marrow of the sternum and rib. Neither in the shaft nor epiphysis of the fibula could these forms be determined.

(6) Fat cells, which are present in marrow of the clavicle in small numbers, absent in the sternum, vertebra and rib. In marrow from the fibula an oil-drop is occasionally met with in the field, but here also they are almost entirely absent.

(7) The octahedra crystals, first described by Charcot, and which always occur in the marrow from twelve to thirty-six hours after death.

REMARKS.—Apart from the clinical features and general pathological appearances of the above case, which show it to be an exceedingly typical one, there are two points of special interest, viz., the appearance of the blood, and the condition of the bone marrow, both of which are deserving of a few comments.

Prof. Eichorst has drawn attention in a short note\* to the presence in the blood of patients suffering with pernicious anæmia of exceedingly small red corpuscles, which he regards as pathognomonic of the disease, and affording a valuable diagnostic sign, being present in all of his cases, seven in number. The following are his own words:

“Some of the red globules are of normal size, but very pale and have lost their tendency to form rouleaux, others scarcely attain  $\frac{1}{4}$  the diameter of a normal, perfect corpuscle, so that they look like small drops of fat tinged red, and have not their biconcave appearance.” Towards the latter stages of the disease he states that they increase, so that before death they may equal in number the common forms.

The histological examination, both before and after death,

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\* Centralblatt f. die. Med. Wissen. June 24th, 1876.