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Our Blood Picture—ELMON-ogram ; Simple Blood Picture demonstrating even to Layman whether Normal or Abnormal. Preliminary Report.

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Fig.1

The line or curve shown above will at once demonstrate the convenience of ELMoN-ogram, our blood picture. How could the normal line be a straight one, while the normal counts e.g. of eosinophiles and neutrophiles are very different? The following figures (Fig. 3) will show the reason :—

Fig.2

Fig.3

We do not use the percentage, because this will not show the real relation; 200 eosinophiles is a normal count, while this one and the same number may become 0.5% (eosinopenia) or 20% (eosinophilia) according to a variation of total white count. This is nonsense. So we use always absolute count.

The question may rise: How about the ELMoN-ogram in children and infants, whose normal count is very different according to the age? But one and the same ELMoN-ogram is used. The following (Fig. 4) will show how it will be constructed in infancy and childhood.

Fig. 4

Fig. 5

The strictly normal line for all ages will be like Fig. 5. But one will see that it will not matter much, even if we draw a straight line. The details of the present treatise will be reported in a forthcoming hematological paper (cf. Tohoku J. Exp. Med).