

REAL VALUE OF THE CONVENTIONAL HEMATOLOGICAL EXAMINATION IN THE MEDICAL SUPERVISION OF PROFESSIONALLY EXPOSED WORKERS

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Abstract—It is universally admitted that professionally exposed workers should undergo, at least once a year, a hematological examination which comprises a globular numeration, a leucocytal formula and determination of Duke's test and coagulation.

Such an examination is justified when hiring personnel in order to divert risk from any subjects suffering from hematological complaints. It is necessary to state the value which should be given to it in practice in the systematic examinations of periodical supervision.

In fact, various statistical studies have shown that the normality to 95 per cent of the population represented a very extended zone of variability.

On the other hand, individual physiological changes are also important. Lastly, microbial infections and especially viral infections are able to bring durable and important alterations in the blood formula. On the other hand, the absorption of certain medicaments can also lead to changes.

It is therefore necessary that professionally exposed persons, as well as the Medical Officers entrusted with their supervision, should be well aware of the orientation and practical value of the hematological examination to which it is very difficult and rather hazardous to give a standard of efficiency value.

On the other hand, the establishment and the periodical control of the hematological formula can obviously have its usefulness as basic medical reference in case of accident from acute exposure.