

Blood Smear and Urine Analysis

Blutausstrich und Urin Analyse

Find, Russian, Spain and German Translation for Blood Smear and Urine Analysis,
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Thanks
Rolf Neth

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In the following, the diagnostic indications of blood smears and urine analyses for both the guidance and treatment of patients are shown. The physicians may employ these methods for 50% of the patients at the physician's office and for 100% of the hospital patients.

Die diagnostischen Hinweise des Blutausstriches und der Harnschau zur Beratung und für die Behandlung der Patienten werden dargestellt. Der Arzt kann sie in der Praxis bei 50% und im Krankenhaus bei 100% seiner Patienten nutzen.

Blood Smear

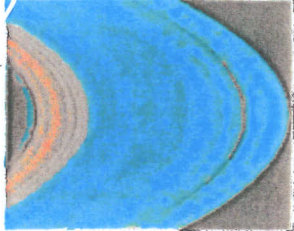
Blutausstrich

The visible colours between red and blue of a blood smear show the reactive changes and proliferative disturbances of blood cell functions.

Blood cell diagnostics give information about reactive changes and proliferative disturbances of blood cell functions

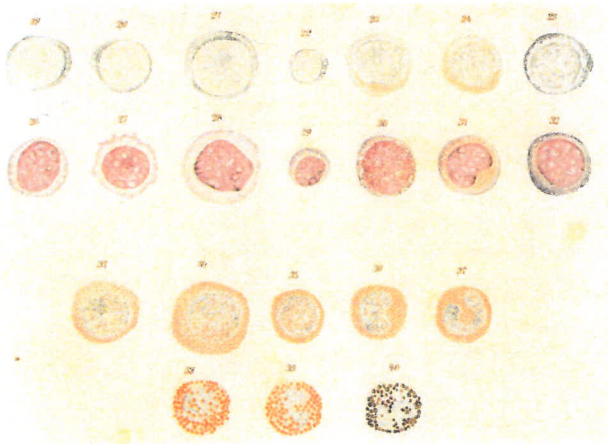
- Hb** Oxygen transport
- Phagocytosis and degradation of xenobiotics**
- B** Humoral antibodies
- T** Cellular immune defence

The visible colours
Fritz Melchers



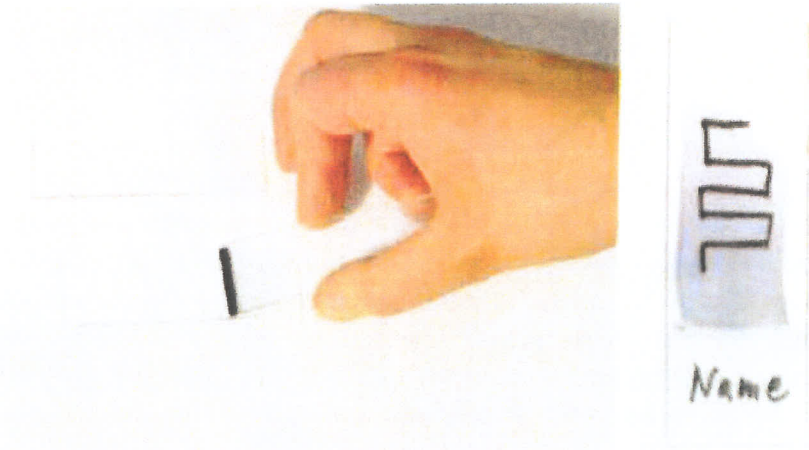
The assessment of microscopic examinations of blood cells is a successful diagnostic method that is more than 100 years old and cannot be replaced by modern, expensive „click“ machines.

Blutausstrich Analyse (*J Pathol Inform.* 2014 Mar 28;5:9. doi: 10.4103/2153-3539.129442. eCollection 2014.)



1878: Medical student Paul Ehrlich earns his doctorate with "Contributions to theory and practice of histological staining"

The preparation of a blood smear is easy, inexpensive and does not depend on climate. Trained medical professionals are able to prepare a blood smear within 10 minutes. (3).



Preparation of a blood smear in a meandering pattern. The blood smear sample needs to be assessed microscopically.