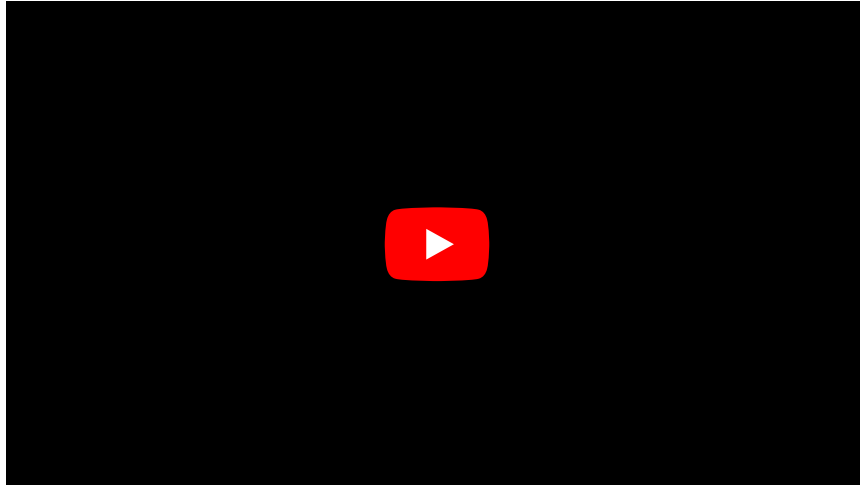


Pancytopenia

Pancytopenia:



Pancytopenia is a condition in which there is a **reduced amount of all kinds of blood elements in the blood - in the myeloid or in the lymphoid series. It is therefore a collective name for anemia, leukopenia, neutropenia, thrombocytopenia, or lymphopenia. The opposite condition to pancytopenia is polycythemia'**.^[1] It manifests itself in bone marrow disease, when there is a '*suppression of hematopoiesis*. For example, in aplastic anemia, leukemia, but also in visceral leishmaniasis.

'*Clinical manifestations depend on how quickly pancytopenia occurs. Dominant are hemorrhagic diatheses, reduced resistance to infections and anemic syndrome* - fatigue, shortness of breath, headaches, tachycardia, pallor of mucous membranes and skin.

Links

Related Articles

- Blood count
- Hematopoiesis

Source

- PENKA, Miroslav – SLAVÍČKOVÁ, Eve, et al. *Hematology and transfusion medicine. I, Hematology*. 1. edition. Prague : Grada, 2011. ISBN 978-80-247-3459-0.
- VOKURKA, Martin – HUGO, Jan, et al. *The Great Medical Dictionary* [online] . 8. edition. Prague : Maxdorf, 2009. 1144 pp. Available from <<http://lekarske.slovniky.cz/>>. ISBN 978-80-7345-166-0.

References

1. NEČAS, Emanuel. *Pathological physiology of organ systems I*. 1. edition. Prague : Karolinum, 2003. 760 pp. ISBN 80-246-0675-5.