

Secondary polyglobulia

Secondary polyglobulia is mostly compensatory in *chronic hypoxia* (leads to ↑ EPO) when staying at high altitude, chronic lung disease, right-to-left shunts, methemoglobinaemia.

Less often, the cause of ↑ EPO is unclear/a manifestation of a disease (kidney tumors, uterine myomatosis, polycystic kidney disease, etc.).

The clinical picture

- mainly symptoms of underlying lung/heart disease,
- plethoric appearance, cyanosis,
- headaches, dizziness, visual disturbances.

Laboratory Tests

- ↑ erythrocytes, HtK > 48%, oxygen saturation <92%, ↑ EPO (dif. dg. Polycythaemia vera).

Therapy

- Th. of underlying disease, venipuncture (↓ blood viscosity + reduces the risk of complications).^[1]

Links

Related Articles

- Erythrocytosis
- Polycythaemia vera

References

1. KLENER, P. *Vnitřní lékařství*. 3. edition. Galén, 2006. ISBN 80-7262-430-X.