

Monoclonal gammopathy of undetermined significance

Monoclonal gammopathy of undetermined significance (MGUS) are conditions in which the paraprotein is present in the serum in the absence of other signs typical for other monoclonal gammopathies (plasmacytoma, macroglobulinemia, amyloidosis). Serum paraprotein concentrations are up to 30 g / l and up to 10% of plasma cells in the bone marrow.

Clinical picture

The disease can be stable for many years and is not accompanied by severe organ damage (CRAB symptoms) - the disease is referred to as **benign monoclonal gammopathy**.

Progress

During a long-term development, the disease malignantly transforms into **plasmacytoma, macroglobulinemia** or **amyloidosis** in a quarter of patients.

Treatment

Therapy is not necessary, patients are monitored regularly.

Links

Related articles

- Monoclonal gammopathy
- Plasmacytoma
- Makroglobulinemia
- Amyloidosis
- Paraprotein

References

- <http://lekarske.slovníky.cz/pojem/mgus>
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