

Monoclonal gammopathy of undetermined significance



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Condition

Monoclonal gammopathy of undetermined significance (MGUS, unknown or uncertain may be substituted for undetermined), formerly benign monoclonal gammopathy, is a condition in which an abnormal immunoglobulin protein (known as a paraprotein) is found in the blood during standard laboratory blood tests for which there is no diagnosis. The levels of antibody are lower than in Multiple Myeloma or other malignancies that are associated with monoclonal gammopathy. Usually there are no signs or symptoms. The estimated risk of transformation into a malignancy varies from 2.1% to less than 0.3% per year and depends on number of years after diagnosis, subtype of MGUS and serum level of the protein.

Guidance at RECRUITMENT

UNACCEPTABLE

Guidance at CT/WORK-UP

UNACCEPTABLE

Justification for guidance

Because of the risk of transformation into a hematologic malignancy there is a risk for both the donor and recipient.

References

Donor suitability working group WMDA meeting Munich 2018.

Ronald S. Go and S. Vincent Rajkumar; How I manage monoclonal gammopathy of undetermined significance. Blood. 2018;131(2):163-173