

Relapsed and Refractory Multiple Myeloma

Multiple myeloma (MM) is an incurable blood cancer¹ that starts in the bone marrow² and is characterised by an excessive proliferation of plasma cells²



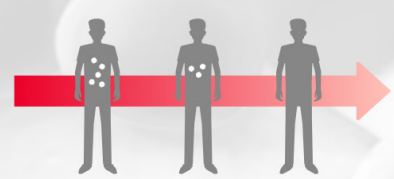
38,000 new MM cases in Europe each year³

28% of MM patients die within one year of diagnosis⁴

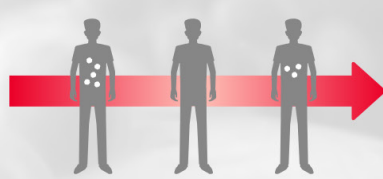


Up to **47%**

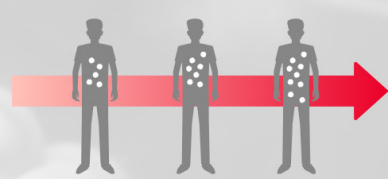
of people diagnosed with MM die within 5 years⁵



Treatment may result in **remission** but patients will most likely relapse¹



Relapsed MM is when the cancer returns after treatment or a period of remission¹



Refractory MM is when the cancer is not responsive to therapy⁶

Disease burden

Outlook for relapsed and refractory (RR)MM patients has traditionally been poor

Median overall survival is only **5-9 months** depending on the number of prior lines of therapy^{7,8}



RR MM patients have:

Physical **disease-related** symptoms⁹, including...



Bone pain or fractures



Fatigue, shortness of breath or weakness



Unusual bleeding or bruising more easily than normal

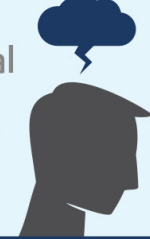


Cumulative **treatment-related** toxicities⁹, including...



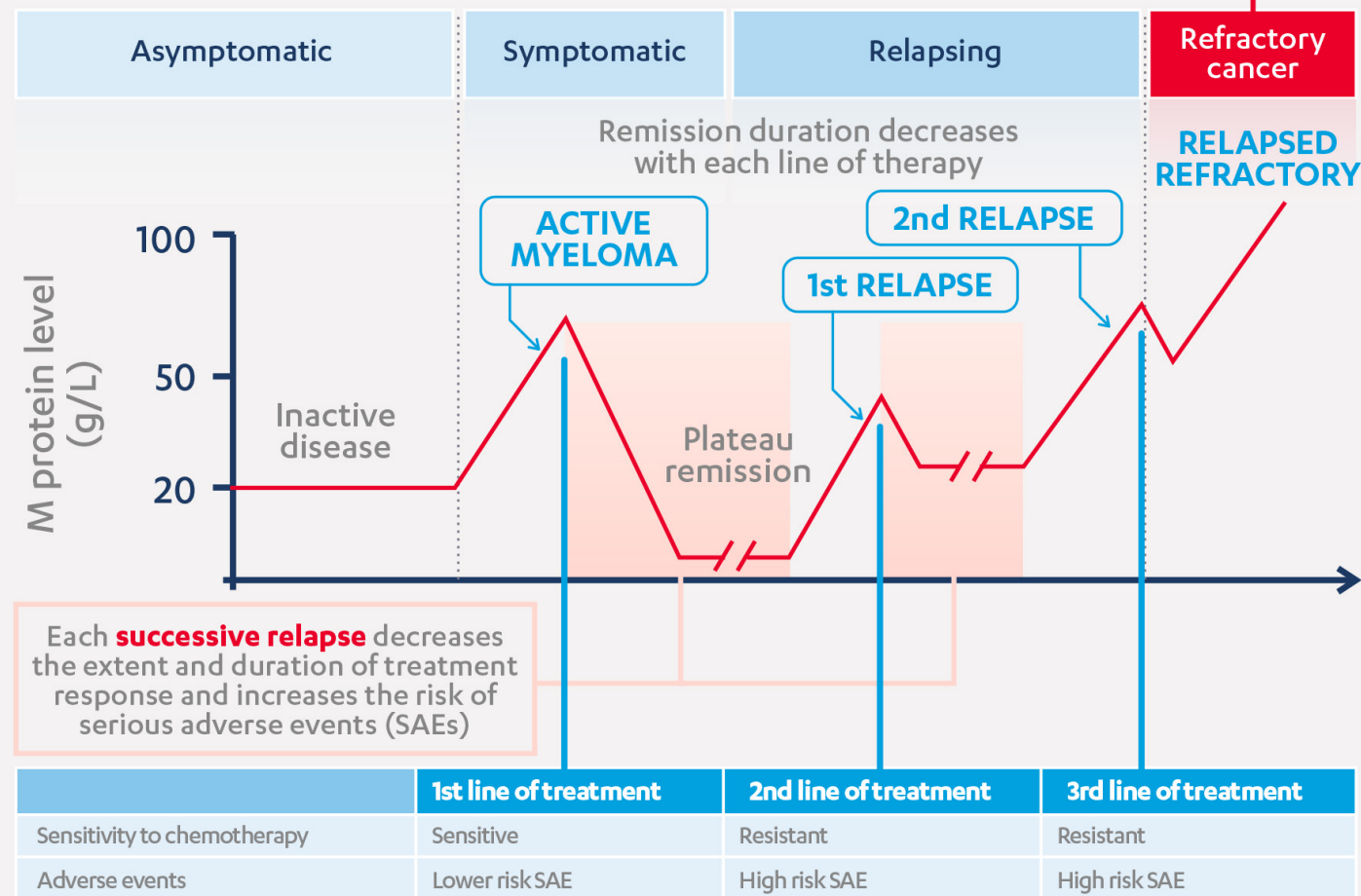
Impaired bone marrow reserve

Emotional symptoms include risk of **anxiety and depression** due to continual fear of relapse¹⁰



Myeloma follows a pattern of remission and relapse^{9,11}

In cases of refractory MM, the **disease is not responsive or has progressed** within 60 days of the last therapy



New targeted treatment options are needed



Currently there is no standard of care to treat RR MM



There is a critical need for new treatment options⁷

Monoclonal antibody (mAb) therapies offer an exciting new treatment option:^{12,13}



Harness the patient's own **immune system** to target the cancer



Only bind to the **specific proteins** expressed on cancer cells



Multiple modes of action, working by either: triggering the immune system to attack cancer cells, blocking signals telling cancer cells to divide or carrying the cancer drugs or radiation directly into the cancer cells



Cause **fewer side effects** than traditional chemotherapy treatments



People impacted by blood cancer need more than treatment and care. To improve awareness and further support patients and their families, Janssen has launched 'Make Blood Cancer Visible' - a campaign to get people talking about blood cancers and bring forward patient perspectives.

#LETSTALKABOUTBLOODCANCER

visit www.facebook.com/letstalkaboutbloodcancer

References

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