Myeloma: cancer of the immune system



How myeloma is treated

The signs and symptoms of myeloma are often

referred to by the abbreviation 'SLIM CRAB'. If your myeloma is causing any of these, you will be offered treatment.



S ixty percent (60%) plasmacytosis (an unusually large proportion of plasma cells in tissues, exudates or blood)

- Li ght chains serum free light chain ratio is greater than 100
- M RI one or more focal lesions on an MRI scan

C alcium levels in the blood are raised, causing thirst, nausea, vomiting and/or confusion

R enal (kidney) damage, which can make you feel tired or listless

A **nemia** (fewer red blood cells), which may make you look pale and feel tired or listless

B one damage can cause pain, fractures, a curved spine and/or nerve problems



Autologous stem cell transplantation (ASCT)

If you are fit enough, initial therapy may consist of a combination of chemotherapy and ASCT



Induction therapy: tablets, an injection and/or intravenous infusion are given to reduce the number of myeloma cells in the bone marrow.

- **Stem cell mobilization:** an injection before stem cell collection increases the number of stem cells.
- **3 Stem cell collection:** your blood passes through a machine. The stem cells are collected and frozen.
- 4 Conditioning therapy: high-dose chemotherapy kills any remaining myeloma cells.

reinfusion: the previously collected stem cells are thawed and returned to your blood.

