## MULTIPLE MYELOMA



Multiple Myeloma is a rare form of blood cancer: Cancerous plasma cells develop in the bone marrow and no longer produce working proteins, leading to the production of non-functioning antibodies.

The cause for Multiple Myeloma (MM) is not known. Several collections of cancerous plasma cells, plasmacytomas, form and appear throughout the entire body.

Early MM is often without symptoms (smouldering MM), while active MM patients can experience fever, loss of appetite, bone pain, and back pain. Signs of Multiple Myeloma include hypercalcaemia (kidneys), lytic bone lesions (often long bones, spine, ribs, and skull), and anaemia (blood). Treatment can include symptom relief and individualised cancer treatments (chemotherapy, radiation therapy etc.)

Additional risk factors can include, but are not limited to being of African descent, older and having a family history of MM.

Survival rates for patients range from 40% to 82%.

