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 🡺SUBJECT = WBC DISSORDER AND PLATLETS.

 🡺DEPARTMENT = BS-MLT

 🡺DATE /10/07/2020/

 QUESTION:-

 🡪Write a note on multiple myeloma?

Answer:-

 🡪MULTIPLE MYELOMA:

 >Multiple myeloma is also known as Kahler’s disease.

 >It is a type of blood cancer.

 >Types of WBC called plasma cell.

 > Multiple myeloma can cause cancer cells.

 >Accumulated in bone marrow.

 >The crowd out healthy blood cells.

🡺TREATMENT:-

 >Target the therapy.

 >Target the drugs treatment on focus with abnormalities.

 >Biological therapy.

>Biological therapy drugs are used your body's immune system to fight myeloma cells.

 🡺SYMPTOMS:-

 >The areas of tenderness in bones.

 >Weakness of bones that break (fracture) so easily.

 > Tiredness.

 >Weakness and shortness of breathness.

 >Caused by anemia.

 >Repeat Infections.

 >kidney problems.

🡺CAUSES AND RISL FACTORS:-

 🡪The many organsims can be affected by myeloma,

 -The symptoms and signs vary greatly.

 🡪A mnemonic sometimes used to remember some of the

 common symptoms of multiple myeloma.

 🡪 CRAB: C = calcium (elevated), R = renal failure.

 🡪A = anemia, B = bone lesions.

 🡪 Myeloma has many other possible.

 🡪Symptoms, is included the opportunistic infections

 - (e.g., pneumonia) and *weight loss*

🡺LAB DAIGNOSIS:-

 🡪The following tests may be used to diagnose multiple

 - myeloma as,

 🡪Blood and urine tests

 🡪The antibody is monoclonal immunoglobulin is known as

 -M-protein.

 🡪M protein levels in a patient blood and urine are used to

 -determine the extent of disease.

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