

Hematopoietic tumors

LYMPHOMA

aging
tion
All ages
Pain
B symptoms = Fever, night sweats, wght loss
1° non hodgkins = B cell axial spine
Hodgkins (specific type of lymphoma) Histo Reed-Sternberg cells
Pres with pain & B symptoms (clinically pain after drinking alcohol)
Ivory vertebrae
Tx Chemo & RTx Surgery to stabilise #
Ix MRI stage with CT & isotope bone scan

Myeloma MULTIPLE MYELOMA

aging
tion
Pres
Ix
isto
Tx
Steroids, chemo +/- bone marrow transplant improves survival rather than c-rx

Punched out lytic lesions, which may show expansion
Multiple round lesions with no surrounding sclerosis or reactive bone
May not show up on bone scan ∴ skeletal survey
Spine, sternum, ribs, pelvis, skull, limbs
70 yrs Male 2:1
CRAB HyperCalcaemia, Renal insufficiency, Anaemia & Bone lesions (bone pain)
Serum electrophoresis - monoclonal proteinemia
Bence Jones proteins - monoclonal light chains of IgG
Plasma cells eccentric nucleus & peripherally clumped chromatin "clockface"
Biphosphonates, surgical stabilisation & RTx of impending #
Surgery to stabilise #