
musculoskeletal disorders in malignant

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The aim of this study is to determine the possible relational that does exist between musculoskeletal disorders and malignancy, hus enhancing the probability of an early and correct diagnosis in apatient with cancer presenting with musculoskeletal complaints. Seventy one (71) patients with different malignant diseases presenting with musculoskeletal complaints were thouroughly examined at the National Cancer Inatitute, Cairo over a period of six months. Their diagnoses were verified by clinical examination laboratory investigations including : complete blood picture, ESR, RF, synovial fluid analysis, serum uric acid, and plain X.ray of the affected parts. Special investigations were included : EMG, and NC studies, creatinine kinase enzyme, computerized tomography, and bone scans. Of these patients 35 were suffering from common degenerative diseases. The other 36 patients had miscellaneous musculoskeletal complaints associated with their malignant disease. Twenty three (63.8%) had their musculoskeletal complaints directly related to their malignancy . The other 13 patients (36.2%) had their musculoskeletal symptoms indirectly related to their malignancy. The malignant diseases were : breast cancer, lung cancer, multiple myeloma, testicular carcinoma.