Management of bone metastases in patients with castration-resistant prostate cancer


Bone metastases are a very common problem in prostate cancer. They are associated with considerable morbidity, adversely affect quality of life and frequently lead to advanced bone events (so-called skeletal-related events, SREs); SREs include fractures, spinal cord compression and the requirement for bone surgery or bone radiation. The aim of this paper was to evaluate currently available treatment options in the prevention and management of SREs and bone metastases in men with castration-resistant prostate cancer and to outline the importance of interdisciplinary management strategies. It also discusses the diagnostic workup of osseous metastases and practical considerations for the utilization of bone-targeted therapies in accordance with current guidelines to provide a consensus for special and/or difficult clinical situations.

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