COMBINED TREATMENT OF ABLATIVE THERAPY WITH PERCUTANEOUS RADIOFREQUENCY AND CEMENTOPLASTY OF A SYMPTOMATIC METASTATIC LESION OF THE ACETABULUM: CASE REPORT

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Purpose: Bone metastatic disease is one of the most frequent complications in the oncologic population and represents an important cause of pain. Medical treatment of these patients can be difficult since it doesn't often allow a suitable control of pain. Conventional therapeutics options include surgery, radiotherapy, chemotherapy, hormone therapy and, recently, therapy using systemic radiopharmaceuticals and biphosphonates.

Materials and Methods: We report the case of a symptomatic metastatic lesion of the acetabulum from colon adenocarcinoma in a 82-year-old female patient treated by a combined approach of thermal ablation with percutaneous radiofrequency (RF) and cementoplasty.

Results: The following day the patient was completely free from pain without neurological damage at the sensorio-motor physical examination. Six months later the patient was still free from pain.

Conclusions: Combined treatment of percutaneous RF ablation and cementoplasty appears to be promising, technically feasible under combined CT and fluoroscopic guide, minimally invasive; it represents an alternative treatment to control pain in patients with bone metastases not suitable to surgery and with pain not responding to medical treatment.