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The Role of Matrix Metalloproteinase-9 (MMP-9) as a Prognostic Factor in Epithelial and Lymphatic Neoplasia

V. Pârvãnescu[1], M. Georgescu[1], I. Georgescu[2], V. Șurlin[2], Ș. Pătrașcu[2], A.M. Picleanu[3], E. Georgescu[2]
[1]Department of Plastic Surgery, Emergency County Hospital of Craiova, Romania
[2]Department of Surgery, University of Medicine and Pharmacy of Craiova, Romania
[3]Department of Hematology, Filantropia Clinical Hospital of Craiova, Romania

Abstract
Matrix metalloproteinase 9 is a zinc-dependent extracellular matrix remodeling endopeptidase directly involved in the local invasion mechanisms and in metastasis. The current review aims to evaluate the expression of MMP-9 and its prognostic value in the most common epithelial and lymphatic neoplasia of the pelvic-abdominal region. We included 19 studies published between January 1st, 1995 and July 31st 2015, involving a total of 1523 patients. The analysis indicate that MMP-9 is valid marker of poor survival in epithelial and lymphatic neoplasia.
Key words: MMP-9, carcinoma, lymphoma, matrix metalloproteinase