
PARSONAGE-TURNEROV SINDROM KOJI SE RAZVIO U OSOBE KOJA JE PREŽIVJELA RAK DOJKE NAKON EPIZODE ERIZIPELA – KOMPLIKACIJA KOJU NE TREBA ZANEMARITI

PARSONAGE -TURNER SYNDROME IN BREAST CANCER SURVIVOR DEVELOPED AFTER ERYSIPELAS EPISODE – A COMPLICATION THAT SHOULD NOT BE OVERLOOKED

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SAŽETAK

Parsonage -Turner Syndrome (PTS) is a rare disorder of brachial plexus presented with sharp shoulder pain following with sensory abnormality and paresis of upper limb. Delay in diagnosis and treatment leads to severe morbidity and decreased quality of life. Although exact pathophysiology of syndrome is unknown it is in most cases connected with preceding event such as infection. Hereby we present a case of Parsonage - Turner Syndrome in 47years old breast cancer survivor developed following erysipelas episode of lymphoedematous left upper limb. Patient presented at our Department

in November 2023. for exam, as part of lymphoedema research in breast cancer survivors, when paresis of left arm, predominately hand was noted. Parsonage-Turner Syndrome was suspected with one-month delay. Diagnostic workup was performed using EMG which revealed severe axonal lesion of mild axonal lesion of the left ulnar nerve, but without detectable focal damage; associated with severe subacute neurogenic lesion of left C8 root. Finally, diagnosis was confirmed in December 2023. by MRI of brachial plexus which revealed signal hyperintensity in T2 and stir sequences of the distal parts of the C6-C8 roots. Treatment plan was immediately started afterwards and consisted of prednisolone 1mg/kg, neurotropic drugs, manual lymph drainage, therapeutic exercises and electrotherapy. This case highlights a potential rare complication of erysipelas in lymphedema patient which was not described before in the literature. Furthermore, consideration of Parsonage-Turner Syndrome diagnosis in all breast cancer survivors presenting with erysipelas and acute shoulder pain may improve recognition of this important diagnosis and support timely appropriate management.