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Functional and clinic evaluation in dermatomyositis

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Introduction & Objectives: The objective of this study was to evaluate the clinic and functional signs of dermatomyositis.

Materials & Methods: The patient (woman, 51 years old) was investigated since 2013. The aspect of the skin, biological parameters and the electrophysiological investigations were considered.

The initial stage of the disease was expressed by erythematous placard, muscles fatigue, joints pain and poikiloderma.

Results: The blood lab tests expressed creatininuria 5.8 g/24h, LDH 380 IU/l, CPK 207 IU/l, the red blood cells sedimentation rate 18 mm/h, RF (rheumatoid factor) +, CRP (C reactive protein) +, high level of transaminases and the presence of antinuclear antibodies.

The electrophysiological investigations (bilateral deltoid muscles) aspect revealed normal/low amplitude and duration of unit motor potentials, a high recruitment pattern for right deltoid muscle which means a myogenic type. The systemic and local corticotherapy (Advantan), anti-allergic drugs and vitamin-therapy improved the lab test values and the pattern aspect in EMG.

Conclusion: The variation of biologic parameters and the functional tests aspect are very important for the prognostic of the disease.