Introduction

Some cutaneous manifestations can hide systemic symptoms of dermatomyositis (DM). The Wong-type dermatomyositis (W-DM) should be considered in the differential diagnosis in children with overlapping symptoms of DM and pityriasis rubra pilaris (PRP). This rare form of DM is reported in only 27 cases in the literature: 6 cases of pediatric age and only 3 with associated cutaneous features of PRP (2 females aged 1 and 18 years and a 12-year-old boy) [1]. Our patient was the fourth case of W-DM with associated cutaneous features of PRP and the first under the age of 10 years. Punch biopsy and knowledge of rare diseases improve the diagnostic ability and therapy. Differential diagnosis includes lupus erythematosus, PRP, and psoriasis.

We wish to draw attention to an extremely rare condition in children and, through the clinical images, we highlight the peculiarity of this rare form of DM.

Case Presentation

A 7-year-old boy was hospitalized because of asthenia, bilateral palpebral edema, and rash. Follicular and nonfollicular erythematous and hyperkeratotic papules were detected on his limbs, merging into red hyperkeratotic patches/plaques on the outer side of the legs (Figure 1A and B). Purple plaques on the knees (Figure 1C), erythematous desquamating patches on the elbows (Figure 1D), and Gottron papules (Figure 2A) on metacarpophalangeal articulations were present. Blood tests showed increasing muscle enzyme levels. Elbow punch biopsy showed ortho/parakeratosis with perivascular lymphocytic infiltrate, necrotic keratinocytes, and vacuolar interface dermatitis; a dilated follicular infundibulum with keratotic plug was also found (Figure 2B and C) [1,2]. W-DM was diagnosed and an MRI scan of his legs was compatible with DM. We decided to treat the patient with a combination of a high-dose short course of intravenous methylprednisolone at a dose of 30 mg/kg/day (maximum dose 1 g) for 3
consecutive days and methotrexate 15 mg/m^2 (maximum 25 mg/dose once weekly, with associated folic acid 1 mg/day), obtaining a dramatic improvement in his clinical condition.

**Conclusions**

W-DM should be considered in the differential diagnosis also in younger children with overlapping symptoms of DM and PRP [3].

**References**