

Calcinosis Cutis in Juvenile Dermatomyositis

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Clinical Image:

A 6-year-old female child was suffering from Juvenile dermatomyositis since 3 years. She presented to us with fever, hard lumps over the skin of both knees and elbows (Figure 1), heliotrope rash around both the eyes, gottron papules and severe myopathy. The x-ray showed extensive subcutaneous calcification in both legs (Figure 2). Histologically these lesions are calcified deposits in subcutaneous fibro-fatty tissue, suggesting a diagnosis of calci-

nosis cutis which is seen in cases of systemic sclerosis, dermatomyositis, and mixed connective-tissue disorders. It leads to progressive complications like pain, restricted mobility and cosmetic disfigurement which could be difficult to treat. Since the diagnosis, the child was treated with prednisolone, methotrexate, cyclophosphamide and minocycline without much success. Presently, she is been treated with prednisolone, subcutaneous methotrexate and mycophenolate mofetil.



Figure 1: Hard lumps over the skin of both knees and elbows

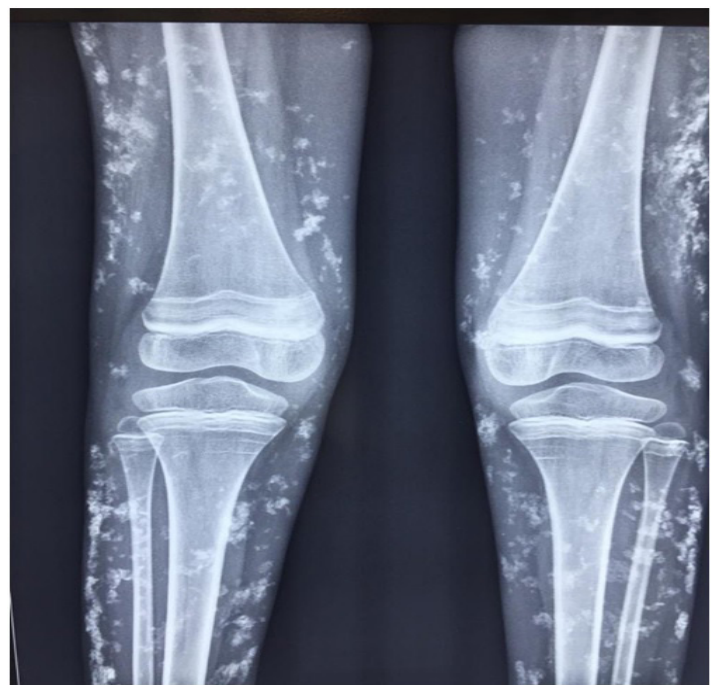


Figure 2: The x-ray showed extensive subcutaneous calcification in both legs