AB019. Response to tofacitinib in a case of refractory TIF-1 positive amyopathic dermatomyositis with arthritis

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Abstract: A 47-year-old woman with a previous diagnosis of undifferentiated connective tissue disease presented to our clinic for evaluation of rash and joint pains. She had a significant history of severe fatigue, musculoskeletal and joint pains. She described her joint pain as constant, stating it severely impacted her activities of daily living, but denied muscle weakness. She was previously diagnosed with systemic lupus erythematosus (SLE), and treated unsuccessfully with low dose systemic steroids and antimalarial therapy. Upon examination, she was found to have heliotrope eruption, Gottron's sign and Gottron's papules, fulfilling EULAR/ACR classification criteria for dermatomyositis. On the myositis panel she tested positive for antibodies to TIF1 and NXP2, confirming the diagnosis. She was also found to have RF positive but CCP negative arthropathy, without evidence of radiographic erosions. She was responsive to prednisone but either skin or joint symptoms remained refractory to several steroid-sparing agents including hydroxychloroquine, mycophenolate mofetil, methotrexate, intravenous immunoglobulin and



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