

# PLEOMORPHIC SKIN ERUPTIONS IN A COVID-19 AFFECTED PATIENT: CASE REPORT AND REVIEW OF THE LITERATURE

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## Abstract

Abstract The coronavirus disease (COVID-19), during its course, may involve several organs, including the skin with a petechial skin rash, urticaria and erythematous rash, or varicella-like eruption, representing an additional effect of the SARS-CoV-2 infection, as commonly observed in other viral diseases. Considering that symptomatic COVID-19 patients generally undergo multi-drug treatments, the occurrence of a possible adverse drug reaction (ADR) presenting with cutaneous manifestations should be contemplated. Pleomorphic skin eruptions occurred in a 59-year-old Caucasian woman, affected by a stable form of Chronic lymphocytic leukaemia, and symptomatic SARS-CoV.2 infection, treated with a combination of hydroxychloroquine sulphate, darunavir, ritonavir, sarilumb, omeprazole, ceftriaxone, high-flow oxygen therapy devices, filgrastim (Zarzio®) as a single injection, and enoxaparin. The patient stopped all treatment but oxygen and enoxaparin and received a high-dose Desametasone with complete remission of dermatological impairment in 10 days. It is very important to differentially diagnose COVID-19 disease-related cutaneous manifestations, where is justified to continue the multi-drug antiviral treatment, from those caused by an adverse drug reaction, where it would be necessary to identify the possible culprit drug and to start an appropriate treatment.

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