



Images in medicine

***Mycobacterium abscessus* infection associated with mesotherapy injections****Infeción por *Mycobacterium abscessus* asociada con inyecciones de mesoterapia**

Julio C. Salas-Alanís^a, Gerardo Rivera-Silva^b, Mauricio Salas-Garza^c, David I. Orozco-Pasadas^b, Raymundo Garza-Martínez^b and María G. Moreno-Treviño^{b,*}

^a Dermatological Institute of Jalisco, Zapopan, JAL, Mexico

^b Academic Department, School of Medicine, University of Monterrey, Monterrey, NL, Mexico

^c Debra Foundation Mexico, Monterrey, NL, Mexico

A 24-year-old man presented to our clinic due to multiple abscessed ulcerated lesions located in the abdominal area after mesotherapy treatment 2 months ago. The patient received 40 injections of unidentified substance, to diminish his adipose tissue. He started with erythematous lesions in each puncture site 48–72 h after injections, developing nodular and abscessed ulcerated lesions after 1 week. Physical examination revealed numerous nodules, fistulae, and abscessed ulcers on the skin of the abdomen (Fig. 1A, B), 40 lesions were quantified (video). Laboratory analysis showed a positive smear for Acid Fast Baccilli. A biopsy was performed and confirmed a granulomatous infiltration, and the PCR and culture from the fresh sample were positive for *Mycobacterium abscessus*. Immunosuppression studies were negative. The diagnosis was *M. abscessus* infection after mesotherapy injections. He received amikacin and imipenem for 3 months and oral clarithromycin for 7 months.

Supplementary data to this article can be found online at <https://doi.org/10.1016/j.mcpsp.2024.100452>.



Fig. 1. Abdomen with nodules, fistulae, and abscessed ulcerated lesions (A). An abscessed ulcer (B).

Ethical consideration

Patient written informed consent was obtained.

* Corresponding author.

E-mail address: maria.moreno@udem.edu (M.G. Moreno-Treviño).

Ethical committee

Comité de Investigación de la UDEM.
Registry number: 07042024-DER-CI.

Declarations of competing interest

None.
There was no funding or financial support in the creation of this clinical image.