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# Mycobacterium abscessus infection associated with mesotherapy injections



Infección por Mycobacterium abscessus asociada con invecciones de mesoterapia

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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.

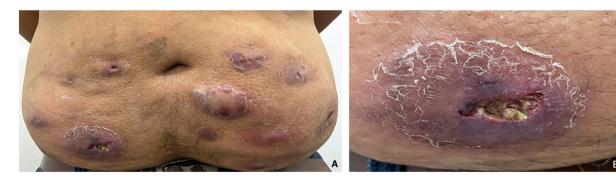


Fig. 1. Abdomen with nodules, fistulae, and abscessed ulcerated lesions (A). An abscessed ulcer (B).

#### **Ethical consideration**

Patient written informed consent was obtained.

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### **Ethical committee**

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

## **Declarations of competing interest**

None.

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