

Reviewer #2:

Major 1. The authors should explain why they further examined bacterial tests for NTM in this case after bacterial culture was negative from the first skin biopsy.

Revised in Line 87

Minor 1. In the title page, the address of the second hospital should be described properly.

Revised in Line 10

2. It would be better that main laboratory findings are summarized in table.

Revised in Table S1

3. Pathological images of the biopsy with higher magnification should be presented.

Revised in Figure 2

4. If available, the authors had better to present antimicrobial susceptibility data as a table.

Revised in Table S2

5. Please describe the terms, searching duration and information of website for searching previous case reports.

Already modified in the text (Line 104).

6. In the literature review part, “Botulinum toxin injection 7 (38.9%),,,” looks incorrect. “7 cases of Botulinum toxin injection (38.9%)” seems to be better. The other parts should also be modified.

Already modified in the text (Line 112).

7. In the last paragraph of Discussion section, I think “Therefore, the microbacteria infection should be ~” is not proper. “Therefore, NTM infection should be ~” seems to be better in this sentence.

Already modified in the text (Line 200).

8. In the table of literature review, all abbreviations should be spelled out in the footnotes, for examples, m/w/d, y, F and so on.

Already modified in the text.

Reviewer #3:

Authors reported an original case report of a patient with multiple abscesses and nodules on her forehead and both temporal sites after cosmetic injections of botulinum toxin. STATUS: ACCETTABLE FOR PUBBLICATION PENDING MINOR REVISIONS General considerations: The work consists of a case report article with a review of the literature. The article is very interesting and well written. Although the topic is rare, the article is not the only one about. However, I recommend its publication because it is done very well. I suggest implementing the article further with some changes. Abstract: the abstract appropriately summarize the manuscript without discrepancies between the abstract and the remainder of the manuscript. Keywords: adequate. Reference: inadequate. Please, follow my suggestions. Paper On some aspects, the authors should address:

1)Why wasn't a skin ultrasound performed? If it has been performed, it would be interesting to propose the US images. Nonetheless, a brief discussion on the added value that skin ultrasound can provide, especially with high frequency probes, would be necessary.

Thank for your advice. I feel very regretful that we didn't perform the skin ultrasound examinations. We have learned the experience from the case and will perform the test in the future practice.

2)Iatrogenic minimally invasive procedure include a whole range of aesthetic and cosmetic rejuvenation interventions which have increasingly expanded in the last two decades mainly because of the patient demand for a minimally invasive approach. It would be appropriate to list the possible complications of minimally invasive treatments, especially life-threatening ones such as pseudoaneurisms, which can break and bleed. To simplify your work, I did a literature search for you. Discuss and cite all the following works. -A rare complication with PA of the frontal branch of the STA after Botox injection was described earlier in the literature by Prado A et al: Prado A, Fuentes P, Guerra C, Leniz P, Wisnia P (2007) Pseudoaneurysm of the frontal branch of the superficial temporal artery: an unusual complication after the injection of botox. Plast Reconstr Surg 119(7):2334–2335. -Skaf et al. described a similar case of PA

occurring after Botox injection: Skaf GS, Domloj NT, Salameh JA, Atiyeh B (2012) Pseudoaneurysm of the superficial temporal artery: a complication of botulinum toxin injection. *Aesthetic Plast Surg* 36(4):982–985. <https://doi.org/10.1007/s00266-012-9881-6> [Epub 2012 Apr 7] -Another group already reported a complication of minimally invasive aesthetic procedure of facial rejuvenation (Aptos Thread-Lifting 2G technique) resulting in the development of a STA PA: Corvino A, Catalano O, de Magistris G, Corvino F, Giurazza F, Raffaella N, Vallone G. Usefulness of doppler techniques in the diagnosis of peripheral iatrogenic pseudoaneurysms secondary to minimally invasive interventional and surgical procedures: imaging findings and diagnostic performance study. *J Ultrasound*. 2020 Dec;23(4):563-573. doi: 10.1007/s40477-020-00475-6. Epub 2020 May 20. PMID: 32436181; PMCID: PMC7588580. Figures: good. Try to insert ultrasound images. It would be an added value of the article.

Already modified in the text (Line 135-137).