

## Peer Review File

Article information: <https://dx.doi.org/10.21037/acr-23-125>

### Reviewer A

Comment 1: Edit manuscript with improved grammar to enhance readability and flow.

Reply 1: Thank you for your comment, we made an effort to correct linguistic mistakes and improve the flow of the manuscript

Changes in the text: seen with red as corrections throughout all text

Comment 2: Page 4, Line 15: replace "blood clots" with "hemorrhage"

Reply 2: done

Changes in the text: done

Comment 3: Consider adding a paragraph about risk factors for crusted scabies, such as immunosuppression, including iatrogenic immunosuppression (PMID 37406327).

Reply 3: This information and reference was added (see page 4, line 28-34)

Changes in the text: Crusted scabies is more frequent among patients with severe comorbidities; diabetes mellitus, malnutrition or mental-physical-sensory nerve deficits. Additionally, immunosuppression is a strong predisposing factor; especially in HIV/AIDS, hematologic/oncologic patients or in iatrogenic immune disturbances e.g. long-term cortisol treatment or immunomodulatory drugs.

### Reviewer B

Comment 1: Suggest changing the title as this is quite a classical presentation of crusted scabies and not very "peculiar", and in addition it is not clear what exactly makes it "something more than just skin parasitosis?". The case seems quite typical of crusted scabies cases already reported in the literature.

Reply 1: title changed (see page 1, line 3-4)

Changes in the text: **A case report of crusted scabies. A brief review of its pathophysiology underneath and latest data**

Comment 2: In European countries like Greece, where the prevalence of scabies is extremely low" – countries UK and Ireland are experiencing outbreaks of scabies at present – I am not sure how reliable the reporting data here is. European countries have scabies more frequently in epidemics rather than it being endemic, but I think "extremely low" is too strong, in my EU country we have high rates of referral of scabies to dermatology and rates appear higher than before.

Reply 2: This information was omitted (see page 3, line 7-9)

Changes in the text: -

Comment 3: “All necessary measures were taken by personnel” – would be helpful to clarify if this refers to decontamination measures or what exactly is meant by this sentence

Reply 3: information added (see page 3, line 16-17)

Changes in the text: All necessary decontamination measures were taken by personnel.

Comment 4: “CS” as an acronym is confusing as this is not a classically used acronym and indeed could be mistaken for classical scabies, which I have seen more frequently used as a term than ordinary scabies

Reply 4: ok

Changes in the text: crusted scabies and classical scabies were written without mentioning any abbreviations

Comment 5: - Scabies also thrives in conditions of overcrowding, and therefore considering the living conditions of refugees and asylum seekers is important. People fleeing conflict situations or the consequences of climate breakdown are frequently in conditions of overcrowding that exist in refugee camps that permit it to spread more easily, just as was experienced by this patient in a nursing home.

Reply 5: Added some additional information to my text concerning the refugees (page 4, line 26-28)

Changes in the text: *S. scabiei* may affect all people, regardless of social or economic status, with outbreaks frequently in overcrowded places e.g. nursing homes, asylums, refugee camps or prisons

**All the other suggestions that were made by reviewer B, were well-obeyed as they were clear and to the point**