

## Rose Gardener's Disease of Lateral Malleolus: A Case Report

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### INTRODUCTION:

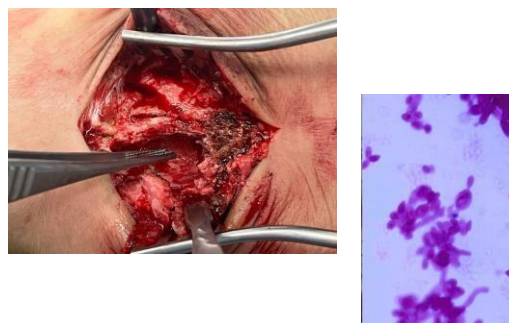
Sporothrichosis, popularly known as 'rose gardener's disease' is an infection by *Sporothrix schenckii* commonly found in soil, animals and on plants<sup>1</sup>. There have been sparse reports of osteomyelitis due to these zoonotic fungi infections and usually associated with poor outcome. We are sharing our experience, of successfully treating a case of Sporothrichosis osteomyelitis of lateral malleolus.

### REPORT:

A 54-year-old female with diabetes mellitus and hypertension presented with chronic right ankle pain over past 1 month. Upon further inquiry, the problem started after she had been scratched over the ankle by her cat that was diagnosed with sporothrichosis. Examination revealed redness, tenderness and swelling localized to the lateral malleolus. Blood parameters revealed elevated ESR and CRP. She has undergone extensive surgical debridement of the bone and cultures sent were positive of *Sporothrix spp.* She was prescribed 200mg bd of oral itraconazole for 12 months. X-ray initially showed almost 50% destruction of the lateral malleolus and fully resolved lesion at 12 months (Figure 1&2).



**Figure 1&2:** X-ray revealed osteomyelitis changes and resolution at 12 months.



**Figure 3:** Intraoperative picture of lateral malleolus lesion (left), Sporotrix positive culture (right)

### CONCLUSION:

Sporothrichosis osteomyelitis is a rare zoonotic infection. Adjuvant debridement was indicated in this patient for sequestrectomy and prevent further bone loss leading to ankle joint destruction. Few reported prescribing intravenous amphotericin b, with higher risk of toxicity<sup>1</sup>. We believe accurate and thorough surgical debridement with 1 year course of oral antifungal is sufficient. The patient was well after 18 months, with no signs of recurrence.

### REFERENCES:

1. Lederer HT, et al (2016). Sporothrichosis as an unusual case of osteomyelitis: A case report and review of the literature. *Med Mycol Case Rep.*