

## A Case Of Recurrent Mucinosis Of Right Forearm

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### INTRODUCTION:

Mucin is a glycosylated protein produced by epithelial tissue. It works as a protective barrier and supports tissue elasticity. The regulatory mechanisms of mucin are unknown. We report on the recurrence of Mucinosis in the forearm, as well the dilemma of the case and option of treatment.

### REPORT:

A 63-year-old gentleman presented with painless swelling of the dorsum of his right hand with progressively increased in size over 2 years. Local examination showed soft swelling on dorsum of right hand. All blood parameters were unremarkable. An X-ray of right hand and forearm was normal. The MRI showed subcutaneous fat deposition on dorsum of hand suggestive of lipomatosis. He underwent operation for incision and drainage and the histopathological result revealed mucinosis. He was consulted for a radiotherapy session but he defaulted. 6 months later, the swelling recurred. He was advised for re-excision; however, he did not keen. In view of the current size of presentation, and complication of radiotherapy, he refused for treatment. He requested for symptomatic aspiration.

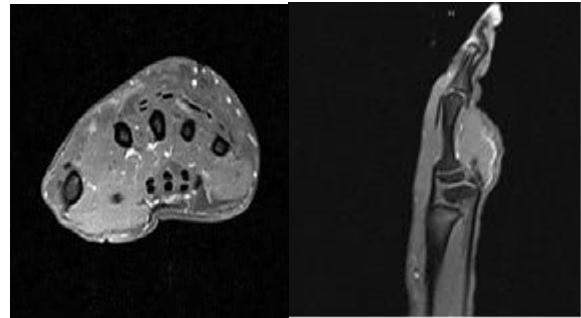


Figure 2: MRI image of right hand

### CONCLUSION:

Mucinosis is a rare condition. Radiation therapy was applied to small lesion in order to limit mucin production. However, in the bigger lesion, the complications of radiotherapy making the treatment for the patient is difficult.

### REFERENCES:

1. Roubil J, et al. Mucinosis: Treatment with Radiation Therapy A Case Report. Front Med Case Rep 1 2021; 2(3): 1-06.



Figure 1: Right hand and forearm swelling