

Sclerosing Mesenteritis: A Case Report in a Young Female

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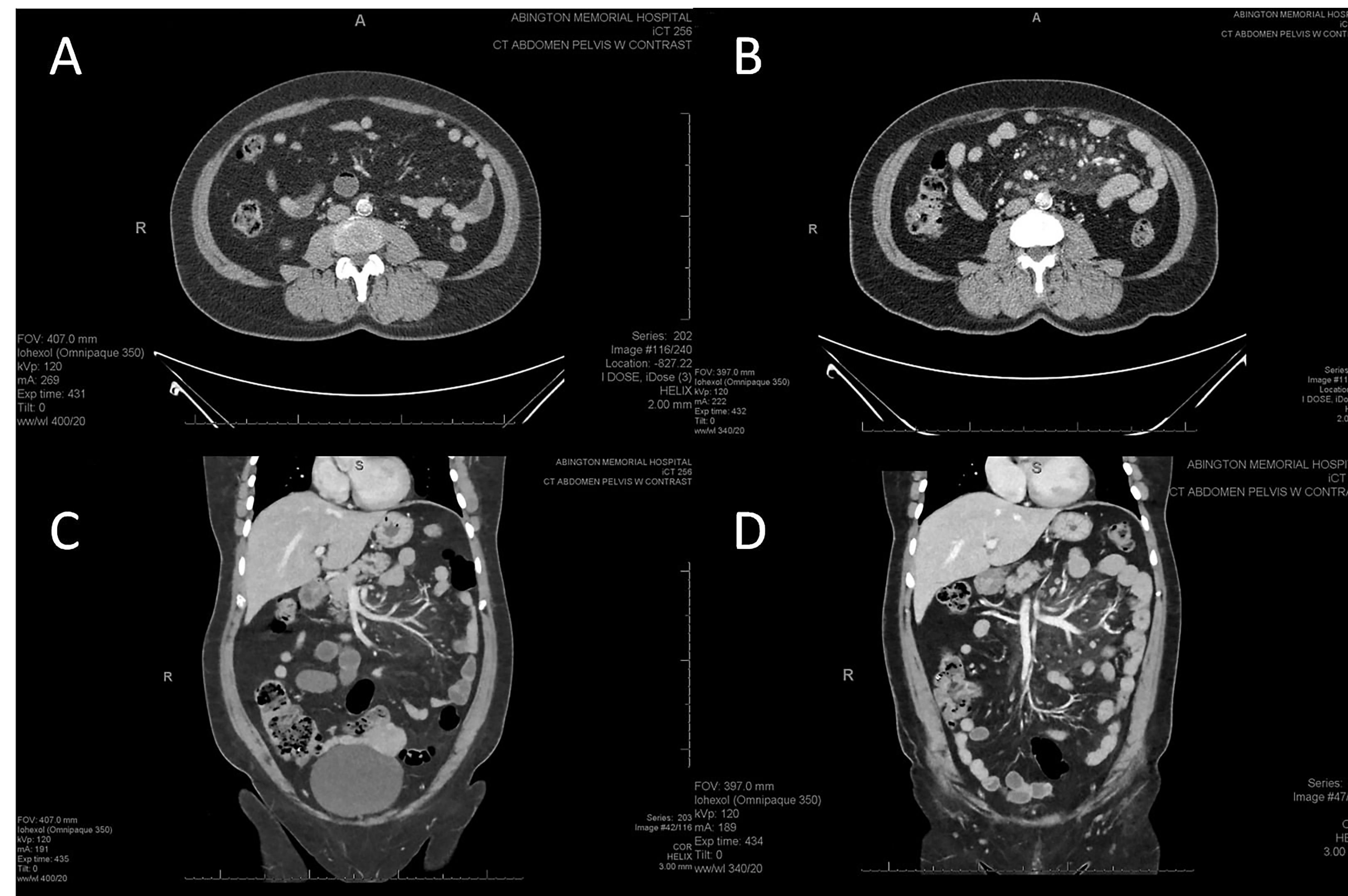
Introduction

- Sclerosing Mesenteritis (SM) is a rare fibrotic inflammatory condition of the mesenteric adipose tissue.
- Generally identified on CT scan with various signs such as “Fat Ring Sign” or “Misty Mesentery”
- Potentially carries 5x risk of cancer

Case Overview

- 58-year-old female from Brazil with no medical history presented to the resident clinic to establish care. Her main complaint was abdominal pain.

- Afterwards she presented to the ED twice with abdominal pain. Both times got a CT scan. Haziness seen in Fig. B and D led to diagnosis of SM. Oncology workup showed transient lymphadenopathy but no definitive cancer. Mesenteric biopsy was deferred given a clear diagnosis. She was started on colchicine and dicyclomine with improvement in her symptoms.



A: Axial cut from Aug. B: Axial cut from Sep.
C: Coronal cut from Aug. D: Coronal cut from Sep.

Discussion

- Cause of SM is unclear but has been speculated to be either autoimmune mediated, related to surgery or malignancies
- In our case the patient had enlarged mesenteric lymph nodes on imaging but follow up MRI had shown this resolved. Further oncology workup was normal.
- Treatment is usually with steroids but can also involve hormonal therapy or colchicine – as was done in our patient.



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