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Disseminated leiomyomatosis peritonei

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This 44-year-old female had multiple incidental intraperitoneal lesions identified during laparoscopy. Histological analysis showed the lesions were benign. Subsequent CT imaging demonstrated diffuse enhancing peritoneal lesions (arrowed) consistent with a diagnosis of disseminated leiomyomatosis peritonei (figure 1).

Disseminated leiomyomatosis peritonei is a rare benign condition causing multiple smooth muscle, myofibroblastic and fibroblastic nodules in the intraperitoneal cavity.¹ Although the exact aetiology is unknown, it is thought to be caused by smooth muscle metaplasia of the subperitoneal multipotential mesenchymal cells.² Due to the diffuse nature of the disease, surgical resection is not potentially curative but can be used to treat symptomatic lesions or if patients develop intestinal obstruction. However, reduction in lesion size has been described following chemotherapy in one case.³

Competing interests None.**Patient consent** Obtained.**REFERENCES**

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Figure 1 Coronal CT image showing multiple enhancing peritoneal lesions (arrowed).

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