Clinical summary

- Male 39 year-old presents with severe diffuse abdominal pain
- CT showed multi-compartmental adenopathy, splenomegaly and lung infiltrates
- Salivary gland exisional biopsy showed low grade B cell lymphoma with plasmacytoid differentiation
- PET/CT scan performed for staging
PET/CT findings

PET/CT scan findings are consistent with FDG-avid diffuse bilateral pulmonary infiltrates with air bronchogram and FDG avid lymphadenopathy in the left para-aortic region.

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What is your impression of the findings in the lungs?

A) Lymphoma

B) Fungal infection

C) Pneumocystis Carinii

D) Amyloidosis

E) Bleomycin Toxicity
Answer: D) Amyloidosis

- Amyloidosis can occur in patients with lymphoma and multiple myeloma.
Teaching points

- Amyloidosis is FDG avid, therefore it is a mimicker of lung malignancy and can result in false positive scans.

- It is important to confirm a suspected malignancy with histology before potentially curative treatment is undertaken.