The many faces of sarcoidosis: Radiology

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Chest radiographic stages in sarcoidosis

stage I

stage II

stage III

stage IV

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Sarcoidosis Chest X-ray stage I
Sarcoidosis Chest X-ray stage I
Sarcoidosis Chest X-ray stage II
Sarcoidosis Chest X-ray stage III
Sarcoidosis Chest X-ray stage IV
Visual HRCT score in sarcoidosis
adapted from Oberstein et al. (1997)

BVB: thickening or irregularity of the bronchovascular bundle
PL: pleural thickening
PC: parenchymal consolidations
LN: lymph node enlargement
ND: intraparenchymal nodules

1. LS: septal lines
2. BVB
HRCT images of a sarcoidosis patient

A: mediastinal setting; enlarged mediastinal lymph nodes, LN=3 (1→)

B: parenchymal consolidations, PC=1 (1→) thickening or irregularity of the bronchovascular bundle, BVB=2 (2→)

C: septal lines, LS=2 (1→) BVB=2 (2→)

D: focal pleural thickening, PL=1 (1→), intraparenchymal nodules, ND=2 (2→)
Sarcoidosis patient with inflammation

Chest X-ray

CXR stage IV

PET/CT

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Case: 38-year-old woman

before MTX

after MTX

Treatment

MTX 12.5 mg once a week subcutaneous
folic acid 5 mg twice a week
prednisone 7.5 mg daily orally
Case: 36-year-old man

Treatment
- MTX 12.5 mg once a week orally
- Folic acid 5 mg once a week
- Prednisone 10 mg daily
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