

Painful fingertip swelling of the long finger

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Part I

A 35-year-old Caucasian woman presented with a 14-month history of relapsing painful fingertip swelling of the left middle finger observed after a minor trauma. Conventional radiographs (Fig. 1) were performed at presentation. After failure of conservative treatment, the patient underwent initial surgery without success. Follow-up MRI (Fig. 2) and CT (Fig. 3) were obtained at our institution 6 months after the first surgical procedure (Figs. 1a–b, 2a–d, 3 and 4).

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Fig. 1 Posteroanterior (a) and lateral (b) radiographs of the left long finger

The diagnosis can be found at doi:10.1007/s00256-011-1219-y.

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Fig. 2 Sagittal (a) and axial (b) fat-suppressed gadolinium-enhanced T1-weighted turbo spin-echo MR images of the left long finger (right side of the picture in b). Four-dimensional contrast-enhanced MR angiographic images of the left hand in the arterial (c) and venous (d) phase

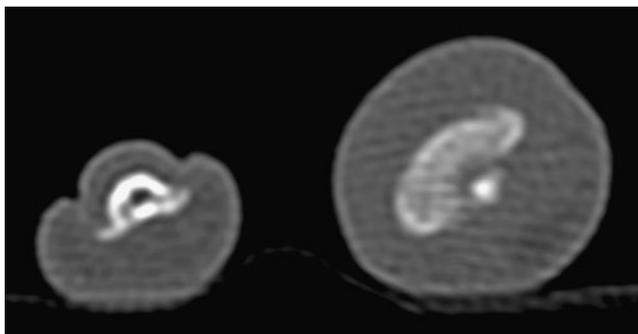
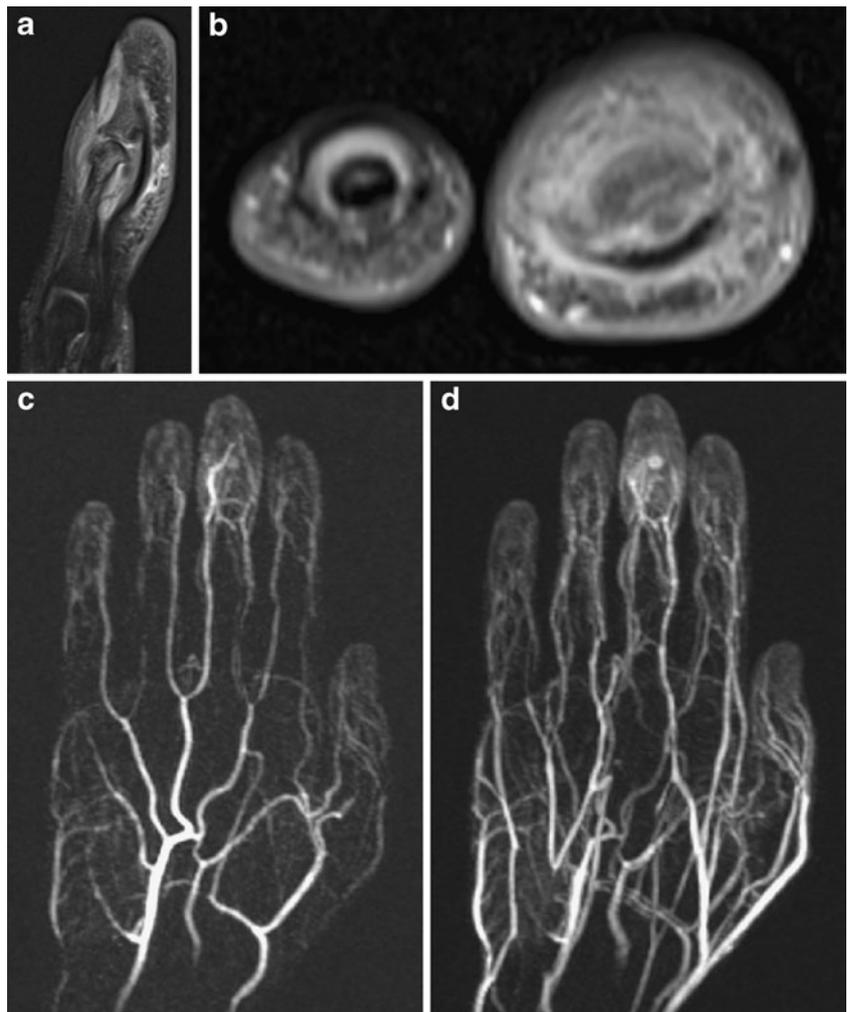


Fig. 3 Axial unenhanced CT image of the left middle (right side of the picture) and ring fingers

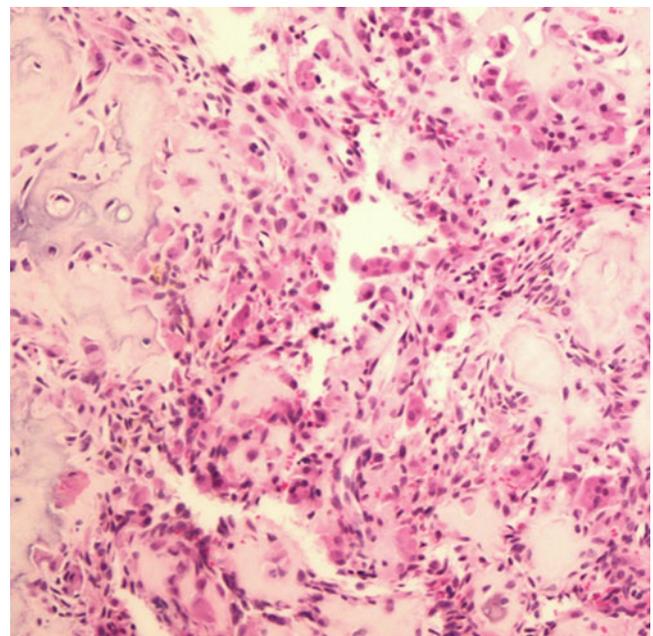


Fig. 4 Histopathology image (hematoxylin and eosin stain (H&E); original magnification $\times 200$)