Subungual mass index finger

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Question

A 61-year-old man presented with a growth under his right index fingernail increasing in size over the course of four years. He reported discomfort, occasional bleeding from the cuticle, and splitting of the nail (Figs. 1, 2, 3, 4, 5, 6).

Declarations

Informed consent Informed consent was obtained from the patient for use of the included images and clinical history.

Conflict of Interest The authors declare that they have no conflict of interest.

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Fig. 1 Clinical AP (a) and lateral (b) photographs of the distal index finger.

Fig. 2 Corresponding AP (a) and lateral (b) radiographs of the distal index finger.

Fig. 3 Axial T1-weighted (a) and STIR (b) MR images of the distal phalanx of the index finger through the mid portion of the lesion show the mass within the dermal tissue below the nail bed.

Fig. 4 Coronal (a) and sagittal (b) PD fat-saturated MR images of the distal index finger.

Fig. 5 Representative low-power (a) and high-power (b) photomicrographs. Hematoxylin and eosin, 40x and 200x respectively.

Fig. 6 High-power photomicrograph of the lesion. CD34 immunohistochemistry, 200x.