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Image in rheumatology

## Single tumor-like tophus

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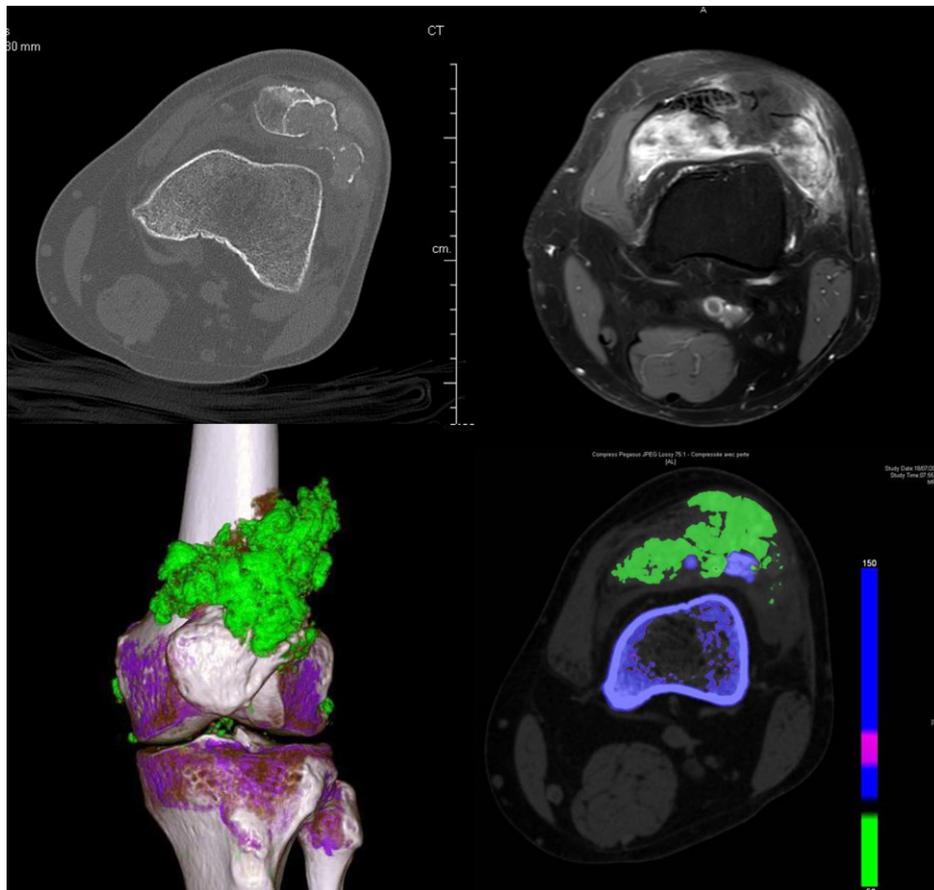
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Dual-energy CT (Fig. 1) with two X-ray beams at different energies (80 and 120 kVp, respectively) emitted in alternation unequivocally established that the mass was composed of urate (Bongartz et al. [1], thus unequivocally ruling out a malignancy and obviating the need for a biopsy. This 50-year-old man pre-

sented with a painful lump in his left knee. CT and MRI visualized an osteolytic lesion in the patella with spread to the surrounding soft tissues. Joint aspiration did not recover any fluid. The patient had a known history of gout.

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**Fig. 1.** Osteolytic tophus view by X ray scanography, MRI and Dual-Energy CT.

## Reference

- [1] Bongartz T, Glazebrook KN, Kavros SJ, et al. Dual-energy CT for the diagnosis of gout: an accuracy and diagnostic yield study. *Ann Rheum Dis* 2015;74:1072–7.