

Crystal deposition diseases

Gout, pseudogout, hydroxyapatite (HA) or calcium pyrophosphate dihydrate (CPPD) crystal deposition diseases. May appear as a crown-like density encompassing the [odontoid process](#) (crowned-dens syndrome) ¹⁾ representing calcifications in the transverse ligament, seen best on cervical CT.

May be treated with a short course of prednisolone (e.g. 15 mg/d) followed by NSAIDs.

¹⁾

Goto S, Umehara J, Aizawa T, Kokubun S. Crowned Dens syndrome. J Bone Joint Surg Am. 2007; 89:2732-2736

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