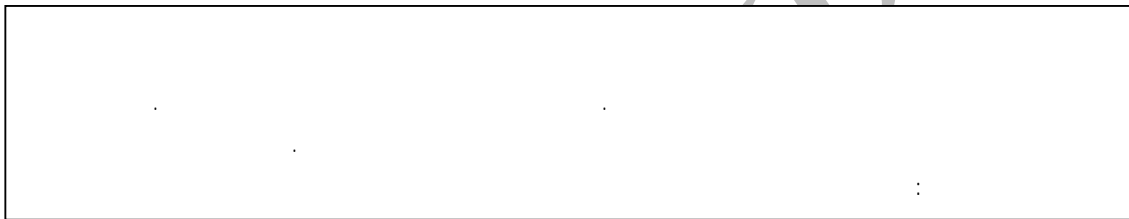




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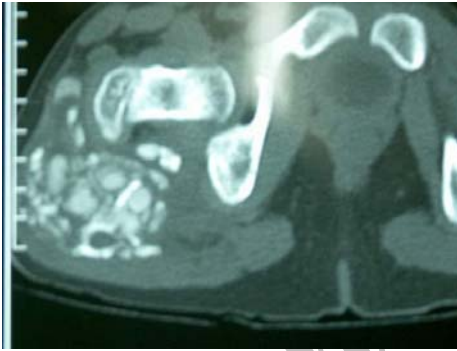
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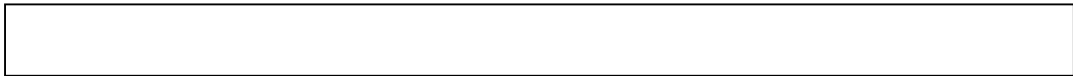
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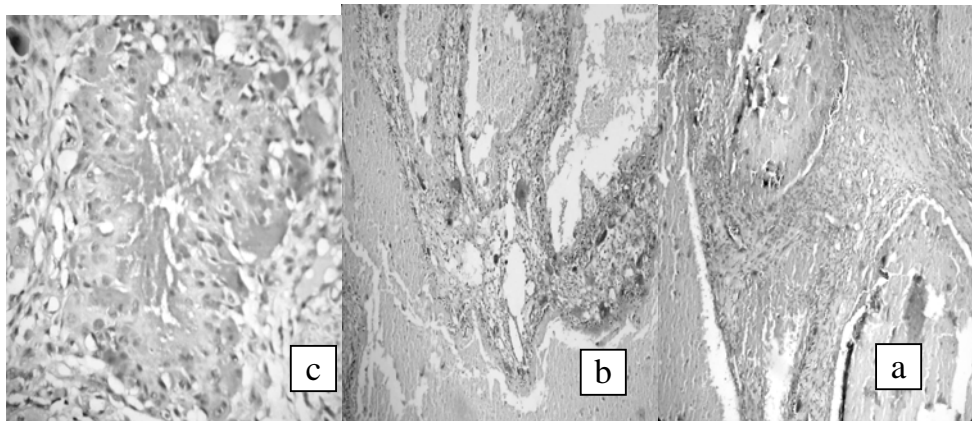
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**References :**

- 1- Resnick.: Tumors and Tumor-like Lesion in about Joints. In Resnick Diagnosis of Bone and Joint Disorders, 4 th ed W.B.Sanders,2000; 4637-4641.
- 2- Chew F.S., Crenshaw W.B.: Idiopathic Tumoral Calcinosis. AJR Am Roentgenol, 1992;158(2):330.
- 3- Weiss S.:Benign Soft Tissue Tumors and Pseudotumors of Miscellaneous Type. In Enzinger and Weiss S., Soft Tissue Tumors, 4th ed, Mosby, 2001; 1419-1424.
- 4- Mumme T., Griefingholt H.:Teutschlander Disease. A Rare Benign Differential Diagnosis Proliferative Space-occupying Lesions in the Periarticular Tissue, Orthopade, 2004 Mar 2; Epub ahead of print.
- 5- Sternberg S.: Diagnostic Surgical Pathology, th ed. Lippincott Williams and Willkins,1999; vol(1): 232.
- 6- DamjanovI.: Disease of the Skin and

- Connective Tissues Neil Scott, Anderson S., pathology, Mosby, 1996; 2520.
- 7- Bittmann S.,Gunther M.W.: Tumoral Calcinosis of the Gluteal Region in a Child, Case Report with Overview of Different Soft Tissue Calcification. Pediatr Surg, 2003 Aug; 38(8): 4-7.
- 8- Aydin A., Tuncer S., Erer M.:Tumoral Calcinosis Infiltrating the Biceps Brachi, Tending Excision and Reconstruction with Allograft, A case report. J. Hand Surg(Br) ,2004; 29(2): 170-2.
- 9- Durant D.M.: Tumoral Calcinosis of the Spine, 2001; 26: 1673-9.
- 10- Iglesias A., Arias M.: Tumoral Calcinosis Presenting as an Extradural Mass. Eur Radial, 2002; 12: 2377-80.
- 11- Ramibani K., Dillon M.S.: Tumoral Calcinosis with Unusual Presentation. Acta orthop Belg, 2003; 69:368-72.
- 12- Arikawa J., Higaki.:Tumoral Calcinosis, A Case Report, Eur J. Dermatol, 2000;10: 52-4.
- 13- AbrahamZ., Rozner I.: Tumoral

Calcinosis. A Case Report, *J Dermatol*, 1996; 23: 545.

14- Sebesta A., Kamineni S., Dumont C.E.: Idiopathic Tumoral Calcinosis of The Index Finger. A Case Report. *Scand J. Plast Reconstr Surg Hand Surg*, 2000; 34(4): 405-8.

15- Ohashi k., Yamada T., Ishikawa T., et al: Idiopathic Tumoral Calcinosis Involving The Cervical Spine. *Skeletal Radiol*, 1996; 25(4): 388-90.

16- Satton D.: The Soft Tissues, Jeremy P.R.Jenkins, Text book of radiology and Imaging, Churchill Livingstone, 1998; 1440-1445.

17- Apostolou T., Tziamalidis M.: Regression of Massive Tumoral Calcinosis of Ischemic in a Dialysis patient after Treatment with Reduced Calcium Dialysate, *Clin Nephrol*, 1998; 50: 247.

18- Mc Gregor D., Burn J.: Rapid Resolution of Tumoral Calcinosis after Renal Transplantation, 1999; 51: 54.

19- Reginato A.J., Tamesis E.: Familial and Clinical Aspects of Calcium Pyrophosphate Deposition diseases. *Curr Rheumatol Rep*, 1999; 112-20.

20- Topez O., Shurman D.L., Bergman R., et al: Mutations in GALNT3, Encoding a Protein Involved in Glycosylation, Cause Familial Tumoral Calcinosis. *Nat Genet*, 2004; 36(6): 579-81.

21- Martinez S.: Tumoral Calcinosis, 12 years later, *Semin Musculoskelet Radiol*, 2002; 6: 337-39.

22- Slavin R.E., Wen J., Kumar D.: Familial Tumoral Calcinosis. A clinical, Histopathologic and Ultrastructural Study with an Analysis of Its Calcifying Process and Pathogenesis. *Am J. Surg pathol*, 1993; 17: 788.

23- Narchi H.: Hyperostosis with Hyperphosphatemia Evidence of Familial Occurrence and Association with Tumoral Calcinosis. *Pediatrics*, 1997; 99: 745.

24- Ghanchi F., Ramsy A.: Ocular Tumoral Calcinosis A Clinicopathologic Study, *Arch ophthalmol*, 1996; 114: 341.

25- Mockel G., Buttgerit F., Labs K.: Tumoral Calcinosis Revisited. Pathophysiology and Treatment, *Rheumatol int*, 2003; (Epub ahead of print).



### **Idiopathic Tumoral Calcinosis, A case report**

Tumoral calcinosis is a rare clinical and histologic entity that is characterized by a deposition of calcium in the periarticular soft tissue of large joints and is found predominantly in otherwise healthy adolescents and young adults.

Tumoral calcinosis can be mistaken with malignant neoplasms.

A report a case of tumoral calcinosis in 8-year-old girl in gluteal region without underlying disease.

**Key words:** Tumoral Calcinosis, pathologic calcification, soft tissue.

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