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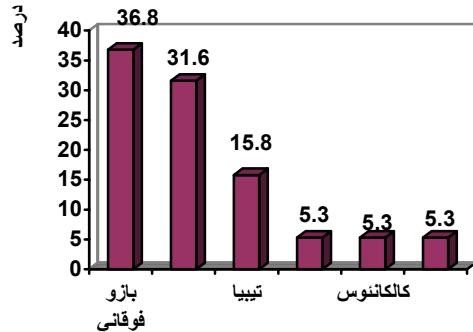
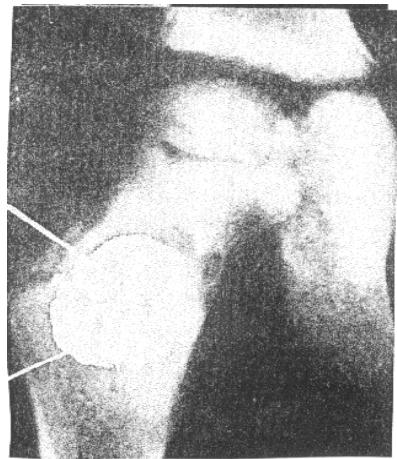
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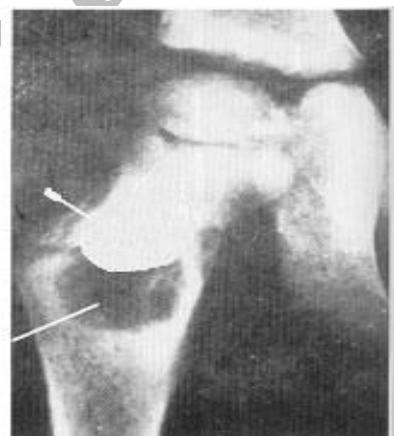
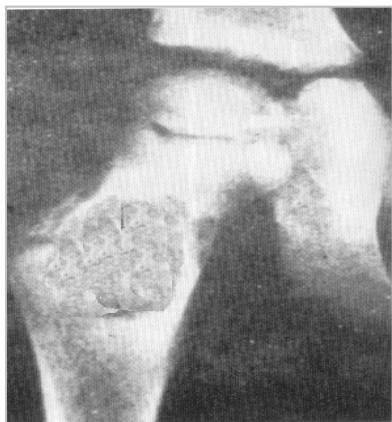
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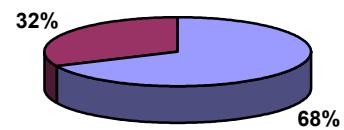
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**References:**

- 1- Herring John A.: Benign Musculoskeletal Tumors. In: Tachdjian's Pediatric Orthopaedics, Third ed. Philadelphia, W.B. Saunders co,2002; 1901-1906.
- 2- Raymod T., Morrissey Stuart L.: Weinstein, Lovell and winter's, Pediatric. Orthopaedics. 4th ed. Philadelphia. New York: Lippincott-Raven, 1996; 449.
- 3- Carol Morris, Francis, Lee, and C. Marc. Benign Bone Tumors, In Chapman's Orthopedic Surgery.Third ed., Lippincot. Williams' Wilkins', 2001; 3: 3381-3430.
- 4- Inoue O., Ibaraki K., Shimabukuro H., Shingaki Y.: Packing with High-porosity Hydroxyapatite Cubes Alone for the Treatment of Simple Bone Cysts. Clin Orthop, 1993; 293: 287-92.
- 5- Lokiec F., Ezra E., Khermosh O., Wientroub S.: Simple Bone Cysts Treated by Percutaneous Autologous Marrow Grafting a Preliminary Report. J. Bone, Joint. Surg. Br, 1996; 634-37-8
- 6- Mckay D.W., Nason S.S., Treatment of Unicameral Bone Cysts by Subtotal Resection without Grafts. J. Bone, Joint. Surg. Am, 1977; 59: 515-9.
- 7- Fahey J.J., Brien E.T.: Subtotal Resection and Grafting in Selected Cases of Solitary Unicameral Bone Cysts. J. Bone, Joint. Surg. Am, 1973; 55: 59.
- 8- Terry S., Canale.: Benign Tumors of Bone. Unicameral Cyst; In Campbell's Operative Orthopaedics. 9th ed. St. Louis: The CV Mosby Co, 2003; 686-7.
- 9- Cuenca E.S., J., Herrera Ro A., Gil Al J., Martinez Martin A.A., Bregante B.a.: Simple Bone Cysts in Childhood. Retrospective Study of Cases and Review of Literature. Cir Pediatr, 2002 Apr; 15(2): 68-72.
- 10- Schiller C.H., Ritschl P., Windhager R., et al: Frequency of Recurrence in Phenolized and Nonphenolized Bone Cavities Following Intralesional Excisions of Nonmalignant Bone Tumors. Z. Orthop, 1989; 127: 398-401.
- 11- Spence K.F., Brighth R.W., Fitzgerald S.P., Sell K.W.: Solitary Uni-Cameral Bone Cyst: Treatment with Freeze-Dried Crushed Cortical Bone Allograft, A Review of One Hundred and Forty-four Cases. J. Bone, Join. Surg. Am, 1976; 58: 636-41.
- 12- Marcove R.C. A 17 year Review of Cryosurgery in the Treatment of Bone Tumors. Clin. Orthop, 1982; 163: 231-4.
- 13- Schreuder BHW. Conrad E.D., III Bruckner J.D., et al: Treatment of Simple Bone Cysts in Children with Curettage and Cryosurgery. J. Pediatr. Orthop, 1997; 17: 814-20.
- 14- Altermatt S., Schwobel M., Pochon J.P.: Operative Treatment of Solitary Bone Cysts with Tricalcium Phosphate Ceramic, a1 to 7-Year Follow-Up. Eur.J. Pediatr.Surg, 1992; 2: 180-2.

- 15- Loiec F., Wientroub S.: Simple Bone Cyst, Etiology Classification, Pathology and Treatment Modalities. *J. of Pediatric Orthopedics. Part B*, Oct.1998; 7: 266.
- 16- Bumci J., Vlahovic T.: Significance of Opening the Medullar Canal in Surgical
- 18- Ovadia D., Ezra E., Segev E., Hayek S., Keret D., Wientroub S., Lokiec F.: Epiphyseal Involvement of Simple Bone Cysts. *J. Pediatr. Orthop.*, 2003 Mar.-Apr; 23(2): 222-9.
- 19- Capanna R., Dal Monte A., Gitelis S., Campanacci M.: The Natural History of Unicameral Bone Cyst after Steroid Injection. *Clin. Orthop.*, 1982; 166: 204-11.
- 20- Campanacci M., Capanna R., Picci P.: Unicameral and Aneurysmal Bone Cysts. *Clin. Orthop.*, 1986; 204:25.
- 21- Scaglietti O., Marchetti P.G., Bartolozzi P.: The Effects of Methyl Prednisolone Acetate in the Treatment of Bone Cysts. Results of Treatment of Simple Bone Cyst. *J. Pediatr. Orthop.*, 2002 Jan-Feb; 22(1): 125-9.
- 17- Oppenheim W.L., Galleno H.: Operative Treatments Versus Steroid Injection in the Management of Unicameral Bone Cysts. *J. Pediatr. Orthop.*, 1984; 4: 1-7. Three Years Follow-up. *J. Bone, Joint. Surg. Br.*, 1979; 61: 200-4.
- 22- Scaglietti O., Marchetti PGM., Bartolozzi P.: Final Results Obtained in the Treatment of Bone Cysts with Methyl Prednisolone Acetate (Depo - Medrol) and a Discussion of Results Achieved in other Bone Lesions. *Clin. Orthop.*, 1982; 165: 33-42.
- 23- Komiya S., Minamitani K., Sasaguri Y., et al: Simple Bone Cyst, Treatment by Trepanation and Studies on Bone Resorptive Factors in Cyst Fluid with a Theory of Its Pathogenesis. *Clin. Orthop.*, 1993; 287: 204.