

REFERENCES

1. Alonso-Llames, M.: Bilateraltricipital approach to the elbow. Its application in the osteosynthesis of supracondylar fractures of the humerus in children. Acta ortho. Scan., 43:479, 1972.
2. Arino, V.L., Lluch, E.E., Ramirez, A.M., Ferrer, J., Rodriguez, L., and Baixault, F. : Percutaneous Fixation of supracondylar fractures of the humerus in children. J. Bone Joint Surg., 59-A:917, 1977.
3. Aronson, D.D., and Prager, B.I. : Supracondylar fractures of the humerus in children. A modified technique for closed pinning. Clin. ortho., 219:174, 1987.
4. Baumann, E.:Uber Regenerationsercheinungen am verletzten Ellbogen. Schweiz. Med. Wochenschr., 54:1057, 1924.
5. Carcassonne, M., and Hornung, H., : Results of operative treatment of severe supracondylar fractures of the elbow in children. J. Pediatr. Surg., 7:676, 1972.
6. Coventry, B.B., and Hendrson, C.C: Supracondylar fractures of the humerus-49 cases in children. Rocky Mt Med. J., 53:458, 1956.
7. Danielson, L., and Petersson, H.: Open reduction and pin fixation of severely displaced supracondylar fractures of the humerus in children. Acta ortho Scand., 51:249, 1980.
8. Flynn, J.C., Mathews, J.G., and Benoit, R.L. : Blind pinning of displaced supracondylar fractures of the humerus in children. Sixteen years

- experience with long term follow up. J. Bone Joint Surg., 56-A263, 1974.
9. Fowles, J.V., and Kassab, M.T.: Displaced supracondylar fractures of the elbow in children. A report on the fixation of extension and flexion fractures by two lateral percutaneous pins. J. Bone joint surb., 56-B: 490,1974.
 10. Giannini, S., Maffel, G., Girolami, M., and Ceccarlli, F.: The treatment of supracondylar fractures of the humerus in children by closed reduction and fixation with percutaneous Kirschner wires. Ital. J. Orthop. Traumatol., 9:181, 1983.
 11. Gruber, M.A., and Hudson, O.C.: Supracondylar fracture of the humerus in childhood. End result study of open reduction. J.Bone Joint Surg., 46-A:1245,196422.
 12. Herzenberg, J.E., Koreska, J., Carroli, N.C., and Rang, M.: Biomechanical testing of pin fixation techniques for pediatric supracondylar elbow fractures. Orthop. Trans., 12:678-679, 1988.
 13. Holmberg, I.: Fractures of the distal end of the humerus in children. Acta Chir. Scand. (suppl), 103,1945.
 14. Jones, K.G.: Percutaneous pin fixation of fractures of the lower and of the humerus. Clin. Orthop., 50:53-69,1967.
 15. Kallio, P.E., Foster, B.K., and Paterson, D.C.: Difficult supracondylar elbow fractures in children : analysis of percutaneous pinning technique. J.Pediat. Orthop., 12:11-15,1992.

16. Krebs, B.: Surgical treatment of supracondylar humeral fractures in children. Ugeskr. Laeger, 142 : 871,1980.
17. La Grange,J., and Rigault, P.: Treatment of supracondylar fractures of the humerus in children. Presse Med., 78:2382,1970.
18. Mehserle, W.L., and Mcehan, P.L.: Treatment of the displaced supracondylar fractures of the humerus (type 3) with closed reduction and percutaneous pin fixation. J. Pediat Orthop., 11:705-711,1991.
19. Miller, E.M., Fell, E.H., Brock, C., Todd,M.C., and Requarth, W.H.: Progress in the management of severe supracondylar fractures of the elbow. Ann. surg. 118: 1098,1941
20. Navht, J.L., Ecker,M.L., chung, S.M., Lotke, P.A. and Das, M.: Supracondylar fractures of the humerus in children treated by closed reduction and percutaneous pinning. Clin. Ortho., 177:203,1983.
21. Prietto, C.A.: Supracondylar fractures of the the humerus. A comparative study of Dunlop's traction versus percutaneous pinning., J. Bone Joint Surg.61- A:425,1979
22. Ramsey, R.H., and Griz, J.: Immediate Open reduction and internal fixation of severely displaced supracondylar fracture of the humeral in children. Clin. Ortho.,90:130,1973.
- 23 Royce,R.O., Dutkowsky,J.P., and Kasser, J.R., and Rand,F.R.: Neurologic complications after K-wire fixation of supracondylar humerus fractures in chidren.J. Pediat. Orthop., 11:191-194,1991.

24. Sojbjerg, J.O., and Blom, L.: Percutaneous fixation of supracondylar fractures of the humerus in children. Ugeskr. Laeger, 145:1775,1983.
25. Sutton, W.R.: Displaced supracondylar humerus fractures in children : A comparison of results and costs in patients treated by skeletal traction versus percutaneous pinning Clin. Orthop, 278:81;1982.
26. Walloee, A., Egund, N., and Eikelund, L.: Review of closed and open reduction leading to a proposal for treatment. Injury, 16:296, 1985.
27. Weiland, A.J., Meyer, S., Tolo, V.T., Berg, H.L., and Mueller, J.: Surgical treatment of displaced supracondylar fractures of the humerus in children. Analysis of fifty-two cases followed for five to fifteen years. J. Bone Joint Surg., 60-A:657,1978.
28. Ziont, L.E.: Torsional strength of pin configuration used to fix supracondylar fractures of the humerus in children. J. Bone Joint Surg., 76-A,253,1994.

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