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**Art. 425**

**Macrodactyly: Treatments in A Series of 21 Cases**

**Macrodactilia: tratamientos en una serie de 21 casos**

**Introduction**: Macrodactyly is the hypertrophy of all the tissues of the terminal segments of a limb, generally within the area of a peripheral nerve with involvement of the fingers, the hand or the entire limb. Surgical treatment is complex and due to the variety of presentations, various techniques are required.

**Objective**: To describe the results attained with various techniques used in the treatment of macrodactyly in a series of cases.

**Methods**: A retrospective study of 21 patients with macrodactyly was carried out. They were treated conservatively or with surgery. Different surgical techniques were used according to the needs of each patient.

**Results**: Twenty-one patients (36 fingers) were found; fourteen of them were operated on and 7 remained under observation. Fourteen patients (66.6%) had involvement of 2 or more fingers; and 23 fingers were operated (63%). The second finger was the most compromised in 16 of the 21 cases (76%) and the third finger in 12 cases (57%). Physiodesis was performed on 15 fingers, dermolipectomy on 21 fingers, and neurectomy on 16 fingers, among other treatments.

**Conclusions**: The surgical techniques used partially improved the aesthetics and function of the fingers, hands or limbs. All patients required more than one surgical procedure.

**Keywords**: congenital anomalies; hand; child

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