



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

## **CORRECTION OF POLIOMYELITIS SYNDROME IN THE RIGHT UPPER LIMB WITH PERMANENT FILLER.**

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**Background:** The World Health Organization (WHO) estimates there are 12 million people worldwide with some degree of physical limitation caused by poliomyelitis. PMMA (polymethylmethacrylate) has been used for more than 80 years in medicine and for 30 years as a permanent filler. Polio has left many aesthetic sequelae in many patients being the treatment of difficult resolution.

**Objective:** To describe the results achieved in a patient treated with 300 ml of polymethylmethacrylate distributed between shoulders, biceps and triceps in 3 sessions with a minimum interval of 30 days between them.

**Materials and Methods:** The procedure is performed in the office with local anesthesia, where the patient stays awake accompanying and opining about the result, local anesthesia with lidocaine 1: 1 in 0.9% SF (20 ml of solution) using an atraumatic microcannula with 10 cm x 1 mm distributing in the regions to be treated. The procedure was performed in 3 sessions with 100 ml of filler in each distributed between shoulders, biceps and triceps, with a minimum interval of 30 days. The infiltration of pma was performed in deep planes (intra muscular).

**Results:** It was possible to correct the patient's important polio sequel, restoring self-esteem and social inclusion as well as full patient satisfaction.

