



DERMATOLOGICAL SURGERY

## PROFILE OF SURGICALLY TREATED LESIONS IN TOES AND FINGERS AT A DERMATOLOGY REFERRAL SERVICE

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**Introduction:** Lesions in fingers and toes are frequent in the dermatological practice, and diagnosis is feasible in the majority of cases after a thorough anamnesis and physical examination.

**Objective:** To draw a profile of the most prevalent lesions in toes and fingers that were surgically approached by the dermatologic surgery team, at a dermatologic referral service, as well as to evaluate the classification of these lesions and their distribution among age groups and genders.

**Materials and Methods:** A retrospective observational study was performed with 344 patients and the evaluation of 367 surgical procedures. Data was analyzed in the period of 93 months (2009-2017). The lesions were classified as tumoral, traumatic, inflammatory, infectious and others. The procedures performed were classified in: nail biopsy; canthotomy/canthoplasty; biopsy/excision; curettage associated or not to electrocoagulation and others.

**Results:** The analysis showed that most of the procedures were performed in female and adults, with the left hallux being the most affected location. It was also verified that the majority of the procedures were linked to lesions of traumatic nature, with biopsy/excision and canthoplasty/canthotomy being the most accomplished procedures. Considering only the lesions submitted to anatomopathological study (n=141), 55,32% were classified as having tumoral origin, among them the majority was benign (92,31%).

**Conclusions:** Epidemiological informations are essential to improve health care, but they are insufficient for dermatological diseases. In the case of lesions in fingers and toes, data is even rarer. No studies were found in the literature discriminate the frequency and types of surgical procedures performed in these sites. The results of the present study will contribute to the planning and design of future dermatological care.

