



PIGMENTATION

MICRO GRAFTING SURGERY FOR VITILIGO: THE TECHNIQUE AND THE RESULTS OF THE VITILIGO AMBULATORY IN INSTITUTE OF DERMATOLOGY PROFESSOR RUBEM DAVID AZULAY, IN BRAZIL.

Ellene Papazis Alquati⁽¹⁾ - Luiza Catarina Fernandes De Negreiros⁽¹⁾ - Patrícia Paludo⁽¹⁾ - Paulo Luzio⁽¹⁾

Instituto De Dermatologia Professor Rubem David Azulay, Dermatology, Rio De Janeiro, Brazil⁽¹⁾

Introduction: Vitiligo is a very common skin disorder, characterized by hypo or achromic patches. The surgical therapy is proving of being a good option for patients who has stable lesions in body areas with poor capacity of repigmentation as the back of the hands, fingers and lips, for example. Many clinical treatments can be used to treat vitiligo, however, often the treatment becomes surgical.

Objective: Describe the surgical technique of 1.0mm micro-excision performed in the Institute of Dermatology Professor Rubem David Azulay and evaluated how the patients responded to the surgical service performed.

Materials and Methods: This is a descriptive study of the transplantation of melanocytes through the 1.0mm micro-excision. There were 30 patients in the last 3 years, aging between 20 to 45 years old, both gender. The majority of patients has a segmentar vitiligo, and more than one year without new lesions.

Results: In the beginning the skin grafts size was 1,5mm which cause a high incidence of adverse effects, like unaesthetic scars. The patients achieve a satisfactory result in about 10 months when the coloration of it turns more homogenous. We observed in our study that patients who underwent on a micrografting surgery using 1.0 mm technique, in most cases, obtained excellent results, and only 20% of them needed to be re operated.

Conclusion: The association between the micro grafting surgery technique of 1,0mm followed by phototherapy treatment showed high efficiency to help the pigmentation returns faster, and it is an excellent option in cases of stable vitiligo that does not respond to clinical treatment.

