

Acetate sheets in the standardization of intralesional therapy in dermatology

Problem

Intralesional therapy is a common dermatological procedure for treating several diseases, such as alopecias, hypertrophic scars and keloids.¹ This procedure requires precision during infiltration to obtain satisfactory results and avoid corticosteroid induced atrophy. The precision can be ensured by marking equidistant points using a ruler; however, this can be time consuming for large areas.

Solution

We describe a simple method for demarcation of intralesional injection sites using standardized perforated acetate sheets [Figures 1 and 2]. Acetate sheets are resistant, transparent and flexible materials, and their points can be perforated using a drill. Acetate sheets (for example, overhead projector sheets) are cheap (about one dollar per 8.5" × 11" sheet) and readily available at stationery shops, craft stores and online shopping platforms. Perforated acetate sheets can be easily prepared and reused after

cleaning (wiping with antiseptic solution or sterilizing with ethylene oxide, if necessary) thus becoming a useful and time-saving tool for intralesional injection. Similar pre-designed templates have already been described for high precision freezing in cryotherapy.²

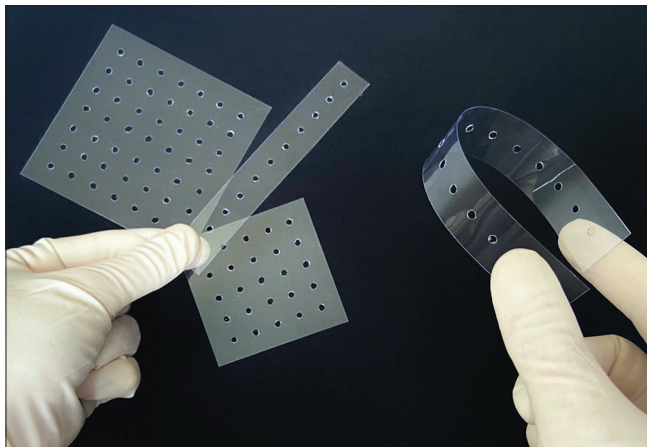


Figure 1: Perforated acetate sheets – different sizes



Figure 2a: Extensive area of alopecia areata

How to cite this article: Sakiyama PH, Ferrari TA, Luconi R, Dellatorre G. Acetate sheets in the standardization of intralesional therapy in dermatology. *Indian J Dermatol Venereol Leprol* 2023;89:323–5.

Received: November, 2020 Accepted: March, 2021 Published: March, 2023

DOI: 10.25259/IJDVL_1333_20 PMID: 34245538

This is an open-access article distributed under the terms of the Creative Commons Attribution-Non Commercial-Share Alike 4.0 License, which allows others to remix, tweak, and build upon the work non-commercially, as long as the author is credited and the new creations are licensed under the identical terms.

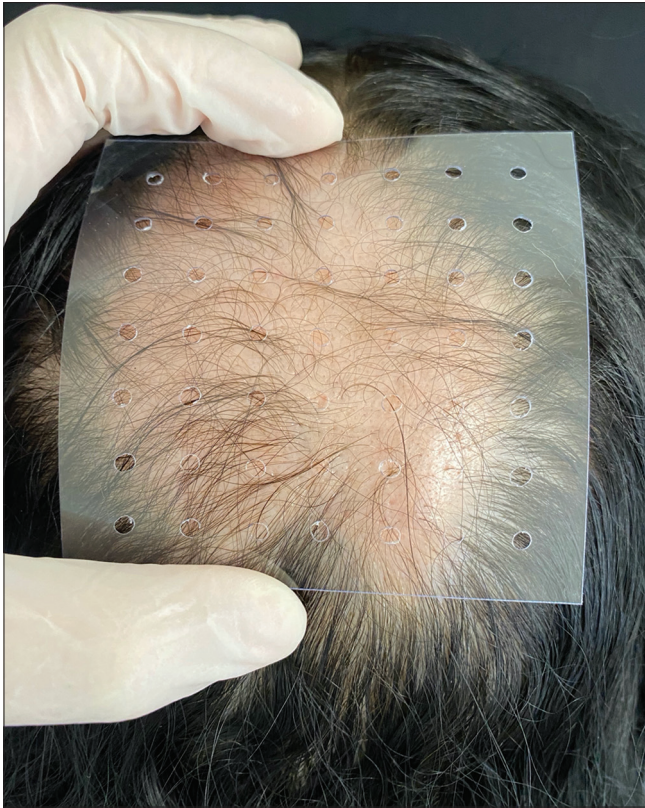


Figure 2b: Application of perforated acetate sheets



Figure 2c: Demarcated points



Figure 2d: Female androgenetic alopecia

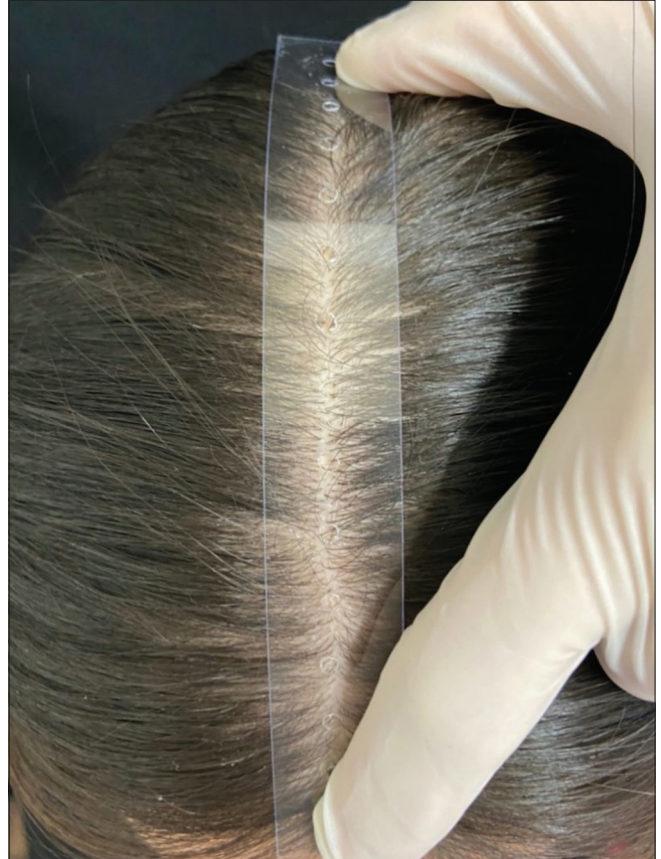


Figure 2e: Application of perforated acetate sheets



Figure 2f: Demarcated points

Declaration of patient consent

The patient's consent is not required as the patient's identity is not disclosed or compromised.

Financial support and sponsorship

Nil.

Conflicts of interest

There are no conflicts of interest.

***Paula Hitomi Sakiyama, Thiago Augusto Ferrari,
Ricardo Luconi¹, Gerson Dellatorre***

Department of Dermatology, Hospital Santa Casa de Curitiba,

¹Department of Dermatology, Hospital Universitário do Oeste do Paraná

Corresponding author:

Paula Hitomi Sakiyama
Praça Rui Barbosa, 694. Curitiba,
Paraná State, Brazil.
Zip Code 80010-030.
paulasaki@hotmail.com

References

1. Deshmukh NS, Belgaumkar VA, Mhaske CB, Doshi BR. Intralesional drug therapy in dermatology. *Indian J Dermatol Venereol Leprol* 2017;83:127-32.
2. Taneja N, Gupta S, Gupta S. High-precision freezing in cryotherapy by using customized and predesigned templates. *J Am Acad Dermatol* 2020;83:e281-2.