

Innovations

Surgical pearl: Modified Gillette Guard-1 blade for shaving surgery

Muhammed Mukhtar¹, Nadia Mukhtar¹

¹Department of Dermatology, Mukhtar Skin Centre, Katihar, Bihar, India.



***Corresponding author:**
Muhammed Mukhtar,
Department of Dermatology,
Mukhtar Skin Centre, KMCH
Road, Katihar-854105, Katihar,
Bihar, India.
drmmukhtar20@gmail.com

Received : 02 January 2023
Accepted : 10 January 2023
Published : 20 January 2023

DOI
10.25259/CSDM_1_2023

Videos available online at
[https://doi.org/10.25259/
CSDM_1_2023](https://doi.org/10.25259/CSDM_1_2023)

Quick Response Code:



PROBLEM

Razor blades are one of the sharpest cutting tools used in shaving surgery.^[1] However, because of its poor finger grip and high flexibility, it is difficult to handle, and there is a danger of finger injury. Various modifications and adaptations have been proposed to enhance finger grips.^[2] However, these adaptations are costly and inconvenient to procure.

SOLUTION

The blade we used was a Gillette Guard-1[®], which has a better finger grip but less flexibility. The blade costs between 0.1 and 0.2 US dollars. The device has a single blade and a safety comb as a guard. The comb is cut and removed with the help of scissors. Then, the lateral cutting edge is wrapped with leucoplast as per the size of the lesions [Figure 1]. The blade is held with the thumb and index finger during shaving surgery [Video 1]. This device is simple to obtain and very safe

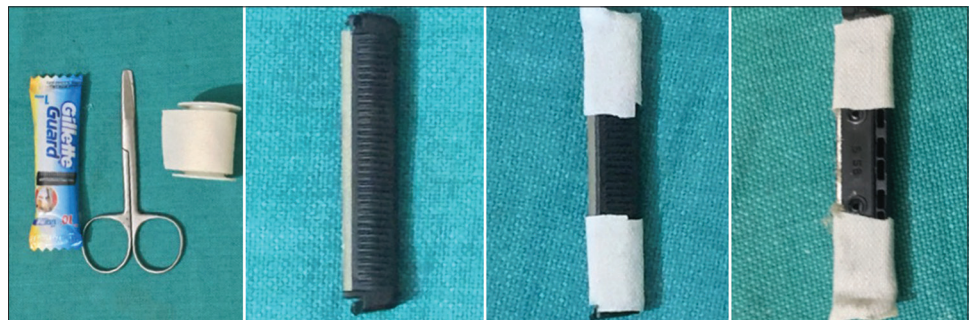


Figure 1: The modified Gillette Guard-1 blade having better finger grip is used for shaving surgery.



Video 1: The modified blade is ready for shaving surgery.

for shaving small benign exophytic lesions such as seborrheic keratosis, dermatosis papulosa nigra, and warts, as well as taking a thin Thiersch's graft with little or no risk of finger injury with or without its handle.

Declaration of patient consent

Patient's consent not required as there are no patients in this study.

Financial support and sponsorship

Nil.

Conflicts of interest

There are no conflicts of interest.

REFERENCES

1. Awadalla F, Hexsel C, Goldenberg LH. The sharpness of blades used in dermatologic surgery. *Dermatol Surg* 2016;42:105-7.
2. Mushtaq S. Shave biopsy instrument: An ergonomic modification of razor blade. *J Cutan Aesthet Surg* 2020;13:255-6.

How to cite this article: Mukhtar M, Mukhtar N. Surgical pearl: Modified Gillette Guard-1 blade for shaving surgery. *CosmoDerma* 2023;3:13.