

Innovations

Surgical pearl: A customized handle for razor blade

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PROBLEM

A razor blade is the sharpest device for shaving surgery and taking ultrathin skin grafts. However, being sharp, a handle is required to avoid finger injury. Usually, it is held with a finger, forceps, or needle holder.^[1-3] For better alignment, especially during harvesting graft requires hand balance and practice.

SOLUTION

To combat the handling problem related to the razor blade and finger safety, we used the case (cover) of the Gillette Twins and 3-in-1 blades. First of all, the blade is halved and customized as needed. Following this, the case floor is smeared with super glue, and the blade is placed and fixed in the case [Figure 1]. The blade case composite could be handled with ease and safety

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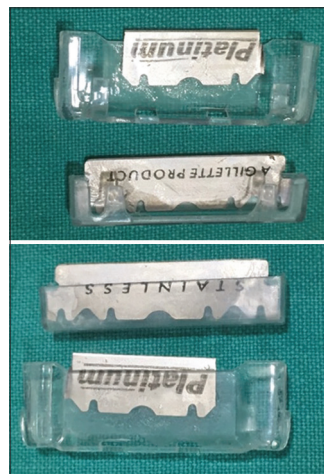


Figure 1: The handles for customized razor blades.



Video 1: The blade is handled with fingers during shaving surgery.

and has better alignment with the skin surface [Video 1]. This customized device can be used for shaving benign skin lesions and harvesting skin grafts.

Declaration of patient consent

Patient's consent not required as patients identity is not disclosed or compromised.

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Conflicts of interest

There are no conflicts of interest.

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