

Innovations

A halved angulated small razor blade with double advantage for safe shaving surgery

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PROBLEM

A razor blade is a basic instrument used in shaving surgery in dermatology.^[1] However, it is difficult to handle with fingers due to its sharpness, flexibility, and weak finger grip. Several adjustments to improve finger grip have been documented.^[2] However, all of these modifications are up to an extent cumbersome and expensive. Moreover, the blade is often held with a needle holder or artery forceps, although its approximation to the skin surface is the issue. The procurement of angulated razor blade is a simple technique. Some of us must be adopting this easy modified method in our practice. However, it has not been published; therefore, we attempted to draw attention to this approach.

SOLUTION

To overcome challenges, we employed a needle holder and a halved, angulated small razor blade. A razor blade is first cut in half lengthwise. The needle holder is then used to break both sides of the blade. Following that, the blade is held and bent by 30–45° with the needle holder after leaving the required cutting edge size based on the dimensions of the lesion [Figure 1a-d]. This blade offers



Figure 1: (a-d) A halved angulated razor blade is being procured having different size of cutting edge.

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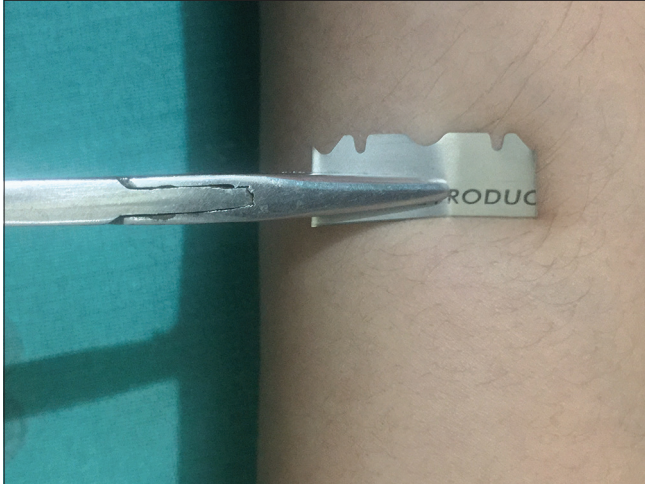


Figure 2: The blade is held with needle holder having better approximation with skin surface.

good skin surface approximation, which is useful in shaving surgery [Figure 2]. Due to its small cutting edge, this blade may be used on small skin surfaces without causing tissue harm.

Declaration of patient consent

Patients' 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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