

The Unplanned 2 In 1: Limberg Flap To The Rescue

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INTRODUCTION:

The rhomboid flap is classified as a local transposition flap, first described by AA Limberg in 1928. We report of a case of rhomboid flap done intraoperatively for volar wound of the distal forearm while groin flap was done for the dorsum.

REPORT:

A 16 years old teen sustained Morel-Lavalle injury of his left hand post trauma and underwent multiple wound debridement, subsequently referred for closure of wound.

He underwent groin flap for closure of his dorsal wound, with planned secondary closure of the volar wound over his wrist. However intraoperatively, the distal part of dorsal wound was inadequate for closure. Limberg flap was then planned and done intraoperatively prior to groin flap done for the dorsum.

Subsequent follow up was positively good flap uptake and wound healing of both wounds, including post division of groin flap. We then discharged a satisfied patient with excellent outcome.



Figure 1. Intraoperative images



Figure 2. Post operative 2 months

DISCUSSION:

Simplicity of the Limberg transposition flap can be utilized for wound defect proving the versatility of the parallelogram flap as an excellent choice in rescue procedures in unplanned defect closure.

CONCLUSION:

When it is properly used, a rhombic flap can provide excellent aesthetic results.

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