

Function Before Appearance: A Case Report Of Groin Flap Division In District Hospital

¹Prassitdha J, ² Azriatul F; ² Kesaven R; ² Saravanan S; ³ Chua WS

¹Department of Orthopaedics, Hospital Seri Manjung, Perak, Malaysia.

² Specialist, Department of Orthopaedic, Hospital Seri Manjung, Perak, Malaysia.

INTRODUCTION:

Pedicled groin flap was introduced by McGregor and Jackson, it is a microvascular surgery which has been used to reconstruct an acute traumatic complex defects for over a century. This flap is designed along the course of superficial circumflex iliac artery which helps in revascularization.

REPORT:

A 26 year old, gentleman, right hand dominant, presented with alleged trauma sustaining total amputation of left ring finger at mid middle phalanx. He had undergone wound debridement and primary groin flap left ring finger. Intraoperatively, noted the total amputation was at junction of flexor zone 1 and 2 region. Groin flap preparation done over left groin. The left ring finger was attached to the flap.

Division of the groin flap was done 4 weeks post-operation. Intraoperatively, noted good bleeding from the proximal flap, tissues appeared viable. The thick and bulky flap was trimmed as much as possible for better appearance without intercepting the vascularization. The previous surgical scar of the groin flap was well-healed.

The patient was last seen in clinic with a good healing of wound and slowly gaining function of his left hand.

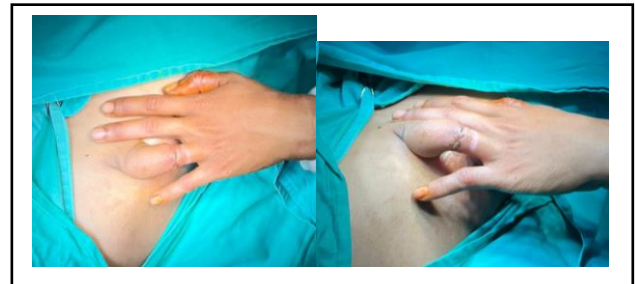


Figure 1: Prior to groin flap division



Figure 2: Post groin flap division.

CONCLUSION:

The pedicle-tubed groin flap is an easy to perform procedure, offering a large coverage for tissue defect. Even if it is considered as an ancient procedure, it is known to be an efficient method with good outcome.

REFERENCES:

1. Sifi, N., Rouag, N., & Radjai, A. (2022, February 7). *McGregor pedicled groin flap surgical technique for reconstruction of hand skin defects*. Karger Publishers.