

Trap technique for bloodless removal of digital pyogenic granuloma



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SURGICAL CHALLENGE

Pyogenic granuloma (PG) is a lobular capillary hemangioma. Owing to their vascular nature, PGs have a high tendency to bleed during surgical removal. PG at highly vascular sites such as the digits further complicates the issue. A bloodless surgical field is required to assist in complete removal of PG to prevent recurrence.

SOLUTION

A Penrose drain is frequently used as a tourniquet to achieve hemostasis. The same tourniquet can be used during surgical removal of PG (Fig 1, A). After digital block anesthesia has been administered, the tourniquet is

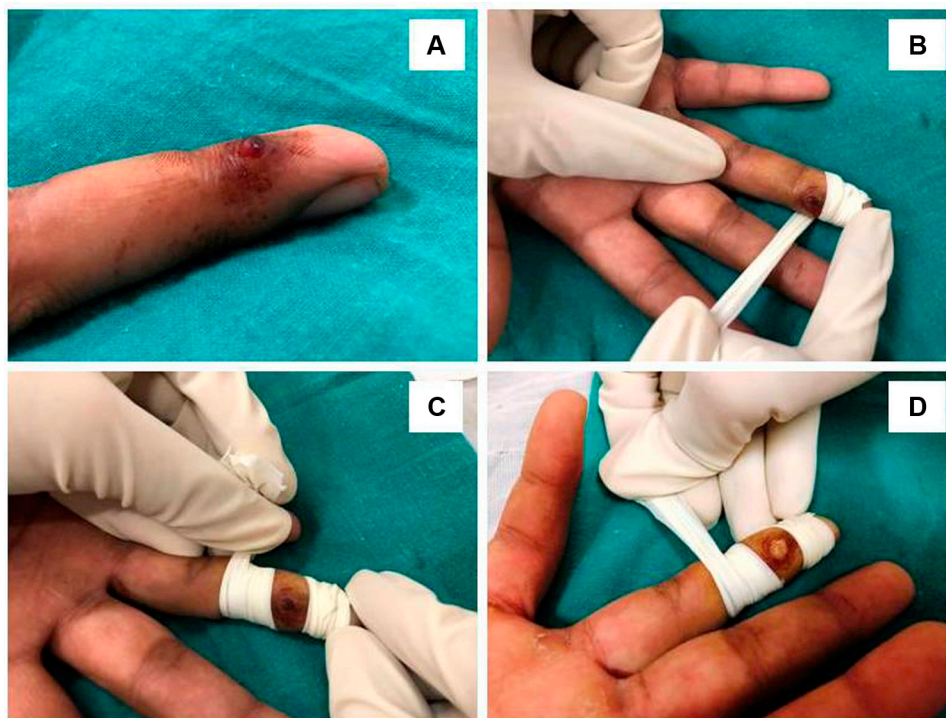


Fig 1. A, Pyogenic granuloma (PG) over the right ring finger. B, A Penrose drain over the distal end of the digit. C, Trapping the PG and moving in a proximal direction. D, Bloodless surgical removal of PG.

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wrapped from the distal end of the digit to ensure exsanguination of blood (Fig 1, *B*). Trapping the PG in between, the tourniquet is extended proximal to the PG (Fig 1, *C*). Keeping both the ends of the tourniquet in place secures a bloodless field for surgical removal of PG (Fig 1, *D*). A bloodless surgical field provides a better opportunity for complete surgical removal of PG, thus decreasing the chances for recurrence.