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Surgical treatment of chronic wound infections with Vacuum therapy and Plastic corset

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Goal: Short time of healing of chronic wounds, prevention of secondary contamination and infection, prevention complications (like secondary gone tissue and skin), preparing the wound for closing.

Introduction: definition for chronic wound- that's the wound that not heal in addition to standard measures undertaken and its treatment lasts more than three weeks.

Methods: We analyzed a group of patients with soft tissue infections (cutis and sub cutis) in different regions (femoral, thoracic- after mastectomy and dehiscence after extirpation VSM). All patients was treated with vacuum therapy and combined with "plastic corset" (to ensure conditions for a secondary suture).

Materials: We follow five steps 1. Good assessment of wounds and condition of the patient, 2 .Wound debridement (removal of devitalized and necrotic tissue), 3. Flushing(with 6-9 liters of solution NaCl 0,9 % or Ringer Lactates), 4. Cover the wound(filling the wound with sponge following the recommendations, setting the clips of the border of the wound and setting the corset, and caver with transparent dressing), 5. Continuous observation.

Results: For a period of three years (2012-1014), treated 20 patients with femoral, 4 patients with thoracic and 20 patients with wounds to the left or right leg which developed after the extirpation of the VSM.

Conclusion: Vacuum therapy combined with plastic corset allows us prevention of cross contamination and infection, coming together of the border on wounds and the possibility of setting the secondary suture. The same technique can be used for placing the primary delayed suture when there is not a possibility for placing the primary suture.

