

Case study: Partial amputation of toe to repair of floppy toe

SELF-ADAPTIVE WOUND DRESSING CLINICAL RESULTS

Patient:

81-year-old female underwent partial amputation of her left 3rd toe to alleviate chronic wound on distal aspect of 3rd toe, secondary to prior bunion and toe surgery which left her with a floppy 2nd toe. Toes 3-5 had been left contracted with the 3rd hammering the ground due to its contracted state. The toe would not heal, was constantly draining, enlarged, infected, growing in size, and painful. Patient's medical history also includes hypothyroidism, osteoarthritis, coronary artery disease, peripheral artery disease and hypertension.

A. Day 0.

Third toe is sutured immediately following partial amputation. Self-adaptive dressing is cut to about 20 mm in width, and applied over the incision measuring 7-10 mm from every direction of incision. Dressing is secured with folded gauze and self-adherent elastic wrap.



B. Day 11.

At second dressing change, sutures were removed. Inflammation, maceration and pain were no longer present.



C. Day 18.

Incision remains closed with good aesthetic effect, and patient is discharged from care.



Reference:

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