

CENTIS CREAM

From open wound up to the scars



DIABETIC FOOT ULCERS

(Chronic & Non Healing Wounds)



- Lack of Microcirculation & Neovascularization
- Impaired collagen synthesis
- Delayed granulation

IMPROVES MICROCIRCULATION COLLAGEN SYNTHESIS

- ~ Increases Hydroxy Proline Content by 56% ~
- ~ Increases Fibronectin Tensile Strength by 57% ~

CAUSES NEOVASCULARIZATION AND BETTER GRANULATION

IN TREATING WOUND AND INFLAMMATION

New
Approach

Research all over the world have proven the positive role of TTFCA in treating inflammation & Wound Healing.

TTFCA

Total Triterpenic Fractions
of Centella Asiatica

- Asiaticoside
- Asiatic Acid
- Madecossoside
- Madecassic Acid

Neo Vascularisation & Proliferation

Granulation

Maturation

Evaluating efficacy of total triterpenic fractions of *Centella asiatica* (TTFCA) in wound management: a case series



Authors:

Harikrishna KR Nair, Nan Aisyah
Binti Long Ahmad Burhanuddin

Introduction: Here we investigate wound healing in a patient with diabetes treated with total triterpenic fractions of *Centella asiatica* (TTFCA) in topical application (Centis Cream). TTFCA is thought to reduce inflammation, increase angiogenesis, enhance extracellular matrix remodelling and promotes collagen synthesis all aiding wound closure.

Methods: We recruited three patients with underlying diabetes. Inclusion criteria include patients with diabetes who presented with exuding wounds and/or inflammation without infection. They were classified within Harikrishna Periwound Skin Classification (HSPC) as Class 2 or 3. Treatment duration varied. **Results:** TTFCA was shown to be effective in aiding wound healing with the wound reduction size up to 100%, resulting in wound closure in both acute and chronic wounds. **Conclusions:** These findings suggest that TTFCA is able to provide clinical benefit in routine acute and chronic/hard-to-heal non-infectious wound management.

Products & technology

Case 1. Chronic postoperative wound

- A 65-year-old Chinese man, with underlying diabetes mellitus and hypertension
- Chronic wound over posterior right ankle since screw fixation surgery due to calcaneal fracture
- Treatment with centis cream for 8 weeks.

Day 0: Wound size: 4x5cm=20cm²
T: granulation tissue
I: not infected
M: moderate exudate
E: healthy



Day 54: Wound size: 3.5x5cm=17.5cm²
T: granulation tissue
I: not infected
M: moderate exudate
E: healthy



- The wound bed was cleaned with sterile gauze and any detachable materials were fully removed
- The length and width of the wound bed were measured by using a standardised scale unit
- The measurement of wound size/lesions (length x width) and their healing progress were assessed every time after the dressing was changed
- The wound bed and periwound were assessed on its general condition
- Once the physical assessment was completed, the primary dressing was applied with topical total TTFA
- Barrier cream was applied to the periwound skin and a secondary dressing of either polyurethane foam or film was used

Results

We recruited three patients in this observational study. In terms of demographic data, all patients we recruited by convenience sampling, were male and age 50 years old and above. All three patients had underlying diabetes mellitus with one patient having an additional comorbidity, hypertension.

Among the three patients selected, two patients had chronic wounds and one patient has an acute wound. The first patient (*Case 1*) developed a chronic wound over posterior right ankle after screw fixation surgery due to a calcaneal fracture. Upon starting this study, his wound duration was 8 years since the surgery. The second patient (*Case 2*) developed an acute diabetic wound over his anterior distal shin of the right lower limb two days before being taken into this study. The final

Why Centis ?

Centis is useful for all types of wounds. It is highly recommended **for light to heavy wounds.**

It improves neo vascularization & proliferation.

Centis for **both autolytic debridement & slough**

Used on necrotic tissues & helps to improve **tensile strength & hydroxy proline by 57 %**

Need to apply on the wounds & **no need to fill up** the cavity of the damage.

Therefore value for money

Centis cream is for open wounds right up to the Scars