

A CASE STUDY ON ROPANIYA KARMA OF KAMPILLAKA TAILA ON NON HEALING ULCER

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ABSTRACT

A non healing ulcer is a sore or wound on the skin or mucous membrane that fails to heal within normal time frame despite treatment. They may be due to poor blood supply, diabetes, infection, chronic pressure, venous insufficiency, poor nutrition.^[1] According to Ayurveda Non Healing Ulcer correlates with Dushtavrana and hence Ropana (healing) with Kampillaka Taila can be beneficial. We hereby report case of 40 year male patient working as a shopkeeper had complaints of wound over left foot since 1 months visited to GAC & H Dharashiv who failed to get cured by variety of treatments at private hospital with different pathies. After thorough examination and relevant investigations patient was diagnosed as non healing ulcer. Ayurvedic management done as application of kampillaka taila as it works as ropana. Ayurvedic

management was planned and treated accordingly positive results were observed that are narrated in the given presentation.

KEYWORDS: Non healing ulcer, Dushtavrana, Ropaniya karma, kampillaka taila.

INTRODUCTION

Chronic ulcers or non - healing ulcers are defined as spontaneous or traumatic lesions, typically in lower extremities that are unresponsive to initial therapy or that persist despite appropriate care, antibiotic therapy and do not proceed towards healing in a defined time period with an underlying etiology that may be related to systemic disease or local disorders.^[2/3]

There are many types of non - healing ulcers that may include venous, arterial, diabetic, pressure and traumatic ulcers. The normal wound healing process is dynamic and complex having three phases: inflammation, tissue formation and tissue remodeling. However, if the normal healing process is interrupted, an ulcer can become chronic in nature due to lack of growth factors and cytokines which delay the healing process.^[4]

A 40 year old male resident of Dharashiv, came to GAC & H Dharashiv with complaints of wound over left foot since 1 month he was treated with application of kampillaka taila. Significant improvement was noticed after the treatment.

MATERIAL AND METHODS

A 40 year old male resident of Dharashiv, came to GAC & H Dharashiv with
C/O - Wound over left foot since 1 month.

HISTORY OF PAST ILLNESS

H/O - Trauma 1 month ago.

N/H/O - DM/ HTN/ BA

S/H/O - No any

D/H/O - No any

LOCAL EXAMINATION

INSPECTION

Site - Left foot

Size - 4cm x 3cm x 0.5 cm

Shape - Irregular

Discharge - Present

Surrounding Skin - Swollen & Redness

Slough - Mild present

Floor - Pale granulation

Margins - Irregular

Edges - Sloping

PALPATION

Temp - Normal

Tenderness - Present

Discharge - Present

Margins - Irregular

Edges - Sloping

Lymph Node Palpation - Not Palpable

TREATMENT

Application of Kampillaka Taila for 30 days.

Under aseptic precautions wound and its periphery cleaned with normal saline solution.

Kampillaka taila soaked gauze kept over wound site.

Packed well and dressing done.

ASSESSMENT CRITERIA & TABLE NO 1

Subjective Criteria

1) Discharge

1	Absent	0
2	Serous	1
3	Serosanguineous	2
4	Seropurulent	3

2) Granulation Tissue

1	Wound closed/ Healthy granulation tissue	0
2	Red/Pink granulation	1
3	Pale granulation	2
4	Unhealthy	3

3) Pain

1	No pain	0
2	Mild pain	1
3	Moderate pain	2
4	Severe pain	3

Objective Criteria

- 1) Wound Size
- 2) Wound Photo

OBSERVATION & RESULT TABLE NO 2

	Day 1	Day 7	Day 15	Day 30
Wound size / Area	15 sq.cm	14 sq.cm	12 sq.cm	7 sq.cm
Discharge	2	1	1	1
Granulation tissue	2	2	1	1
Pain	1	1	0	0

➤ Wound Photo**DISCUSSION**

Kampillaka (*Mallotus Philippensis*) is a potent ayurvedic herb with significant Vrana Shodhana (wound cleaning) and Vranaropana (wound healing) properties through its ushna & tikshna guna & ropana karma commonly used to treat chronic, non healing ulcers (Dushtavrana).^[5]

Properties of kampillaka^[6/7]

Rasa - Katu

Vipaka - Katu

Virya - Ushna

Guna - Laghu, Ruksha, Tikshna

Doshagnatha - Kapha vata shamak

Upayoga - Ropana

Anti-inflammatory effect - Certain bioactive compounds present in kampillaka such as alkaloids, flavonoids, tannin and saponins etc. These compounds play role in promoting

wound healing and reducing inflammation and infection.

Antimicrobial effect - It helps to prevent infection in wound as infection can delay or prevent healing.

Wound Contraction - Closure of wound by tightening the edges of wound. Tanin have astringent properties help with blood clotting and contraction of tissue.

Tissue Regeneration – Kampillaka stimulates formation of new skin cells and granulation tissue, tissue regeneration.

Promotes cell proliferation - Bioactive compounds of kampillaka have been stimulate the proliferation of skin cells aiding in faster wound healing and tissue regeneration.^[8]

CONCLUSION

As the case showed significant changes in the symptoms of pain, discharge and granulation tissue during the 1 month of treatment with application of Kampillaka Taila. It can be concluded that in Non Healing Ulcer application of Kampillaka Taila can be a choice of treatment.

1. Ayurvedic sthanik chikista is highly effective in non healing ulcer.
2. Provides a non invasive technique.
3. Economical and side effect free.
4. Alternative to modern management.

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