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Case Study

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# MANAGEMENT OF VIPADIKA KUSHTHA BY HERBO-MINERAL FORMULATION – (VIPADIKAHARA GHRITA-TAILA MALAHARA)-A SINGLE CASE STUDY

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#### \* ABSTRACT

Our society has struggled with skin illnesses as a significant health issue. In their Samhitas, our ancient Acharyas referred to a variety of skin illnesses by the name of In Kushtha. The skin condition known as "Vipadika" is also included under Kshudra-Kushtha. Maharshi Charak has described Vipadika. Cracked heels, also known as heel fissure, are a typical foot ailment in contemporary medical science. The formation of dry, hard, thick skin around the edge of the heel, which may be painful or uncomfortable, is the first indication that you have cracked heels. The fissures could be so severe that they start to bleed. A significant prescription that Maharshi Charak gave in the Kushtha Chikitsa chapter for the therapy of Kshudra Kushtha, especially Vipadika, is Vipadikahara Ghrita-Taila (Malahara). According to this preparation term, Maharshi Charak does not mention Malahara, but its final appearance will be similar to Malahar because it includes Beewax and Sarjarasa as a Prakshepa Dravya. After washing with lukewarm water and drying the feet, the afflicted region were treated

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1187

twice daily, morning and evening, for four weeks with a standardized *Vipadikahara Ghrita-Taila* (*Malahara*). During the course of therapy, the lesions healed bit by bit, and the skin on the feet eventually returned to near normalcy. According to the current study, *Vipadikahara Ghrita-Taila* (*Malahara*) may be applied externally as an efficient *Malahara* to treat *Vipadika* Skin Disease.

**\* KEYWORDS**: Skin disease, *Vipadika*, *Vipadikahara Ghrita-Taila* (*Malahara*).

# \* INTRODUCTION

One of the oldest medical sciences in the world is *Ayurveda*, the science of life. The earliest written *Vedas* are its source, and its greatest detail may be found in the *Atharveda*. The primary goals of *Ayurveda* are, first, to preserve the health of healthy people, and second, to treat the illnesses of the sick. *Vipadika* is the term used in *Ayurveda* for cracked heels. Now, it is seen as one of the main cosmetic health concerns for both men and women. Its primary occurrence is among those who travel great distances every day, frequently without taking good care of their feet. It has a direct impact on a person's daily schedule. Cracks in the heels are an indication that foot care is being neglected or that there isn't enough moisture. The medical term for cracked heels is heel fissures. On the skin, fissures are often described as regular linear cut wounds. It might occasionally penetrate deep into the dermis and cause pain. Too much pressure on the pads of the feet causes the feet to spread out to the side. The skin around the sides of the feet is dry, which causes them to break and results in cracked heels.

The study of the pharmacological aspects of Ayurveda is known as Bhaishajya Kalpana. It covers both Aahara Kalpana and Aushadha. The main Kalpanas of Aushadha Kalpana are Kwatha, Swarasa, Kalka, Hima, and Fanta. Examples of secondary Kalpanas include Vati, Avaleha, Sneha, Sandhan, Lepa, and others. In contrast, Aahara Kalpana consists of Manda, Peya, Vilepi, Yavagu, Yusha, and other dishes. The one-of-a-kind Malahara Kalpana is one of the Malahara Bahiparimarjana Chikitsa (external application) treatments, and there is no specific mention of it in ancient literature or Ayurvedic Samhita. Its foundation is primarily the Unani system of medicine. "Yogaratnakara" is the first book to introduce Ayurveda pharmaceuticals. Taila, Ghrita, Siktha, and other compounds can be used as the foundation for creating Malahara. The disease state in which a Malahara has to be utilized likely dictates which base and components are chosen. The characteristics of Malahara are similar to those of Varnashodhak (maintains the wound clean), Vranaropana (heals the wound),

1188

*Kusthaghna* (helpful in a variety of skin illnesses), *Varnya* (enhances the skin tone), *Snehana* (oleation), and *lekhana* (Scraping).

#### PATIENT INFORMATION

Age of the patients	35 Year
Sex	Male
Addwagg	Daniyalpur,
Address	Varanasi
Registration in O.P.D.	25/04/2024

A 35 years old male patient complained about recurrent symptoms like roughness, cracking and pain in both heels since last 10 years. The condition was treated with so many topical Anti-Cracking cream, but the patients did not experience permanent relief, leading them to visit the O.P.D. of Government P.G. *Ayurvedic* College and Hospital, Chaukaghat, Varanasi for further treatment.

The patient's identifying details were listed in (Table 1). The assessment criteria for symptoms are listed in (Table 2). Clinical results were documented and summarized in (Table 3). Following an assessment of the clinical interventions mentioned in (Table 4), the follow-up and results were documented in (Table 5). Visual evidence in the form of images in [Figure 1(a-d)] was mentioned in the monitoring of the patient's progress during therapy. A comparison of the patient's condition before and after treatment [Figure 2(a) and (b)] shows that the patient made progress.

**Table 1: Personal information.** 

Diet	Vegetarian
Religion	Hindu
Addiction	Not any
Occupation	Job
Comorbidity	Not any
Family History	Not any

Table 2: Criteria for Assessment of Symptoms.

S.N.	Parameters	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4
1	Rukshta	No Roughness	Roughness is present when touching	Excessive roughness present	Excessive roughness presents and leading to slight cracks	Roughness leading to cracks and fissures
2	Sphutan	No cracks	Cracks without	Cracks with visible	Cracks with non-visible/deep	_

			cavity	cavity	cavity	
3	Vedana	No Pain	Mild Pain	Moderate Pain	Severe Pain	-

**Table 3: Clinical findings.** 

S.N.	Symptoms	Grading
1	Rukshta	2
1	(Roughness)	3
2.	Sphutan	2
2	(Cracking)	2
3	Vedana (Pain)	2

**Table 4: Clinical Intervention.** 

S.N.	Drug Name	Dose/Application	<b>Duration/Time</b>
1	Vipadikahara Ghrita-Taila	As	4 Week
	(Malahar)	required/Locally	

**Table 5: Follow-up and Outcomes.** 

Symptoms	Before Treatment	First Visit	Second Visit	Third Visit	Fourth Visit	After Treatment
Rukshta	3	3	2	1	0	0
Sphutan	2	2	2	1	0	0
Vedana	2	2	1	1	0	0



#### \* DISCUSSION

An imbalance in the *Tridosha* (*Vata*, *Pitta*, *and Kapha*) causes all varieties of *Kushtha*. Acharya Vagbhatta<sup>[1]</sup>, Acharya Sushruta<sup>[2]</sup>, and Acharya Charak, however, believe that Vipadika is mostly caused by Vata-Kapha predominance. The development of this ailment is primarily caused by the involvement of the Rasa and Rakta dhatus (bodily tissues). The treatment of Kushtha involves the use of both Sodhana (purification) and Shamana (pacification) therapies, according to classical Ayurvedic literature, which employs herbs with Kushthaghna (anti-skin disease), Krimighna (anti-parasitic), and Kandughna (anti-itching) characteristics. Additionally, Bahiparimarjana Chikitsa, or external treatments, like the application of medicated oils and Lepa (herbal paste), is also advised for increased efficacy. For 21 days, the patient in this case study was treated with solely topical application of Vipadikahara Ghrita-Taila Malahara twice daily.

The contents of Vipadikahara Ghrita-Taila Malahara<sup>[3]</sup> like, Jivanti, Manjishtha, Daruharidra, Kampillaka, Sodhita Tuttha, Go-Ghrita, Tila-Taila, Sarjarasa, Bee-wax.

#### • PROBABLE MODE OF ACTION OF JIVANTI

→ **Properties**: Madhura Rasa, Sheeta Veerya, Balya, Ropana, Twachya.

# Mode of Action

- o Enhances epithelial regeneration and makes the skin smoother.
- o Enhances skin texture and functions as a natural moisturizer
- Encourages tissue renewal and crack healing.

#### • PROBABLE MODE OF ACTION OF MANJISTHA

- → **Properties:** Tikta-Kashaya Rasa, Ushna Veerya, Raktashodhaka, Ropana.
- Mode of Action
- o Functions as an anti-inflammatory and blood cleanser.
- Minimizes redness, swelling, and itching.
- Hastens wound healing and helps prevent scarring.

#### PROBABLE MODE OF ACTION OF DARUHARIDRA

- → **Properties:** Tikta-Kashaya Rasa, Ushna Veerya, Krimighna, Raktashodhaka.
- Mode of Action
- Strong antibacterial and antifungal effects are beneficial for treating infected cracks.

- Regulates discharge and prevents secondary infections.
- Reduces irritation and itching.

#### • PROBABLE MODE OF ACTION OF KAMPILLAK

- → **Properties:** *Katu-Tikta Rasa, Ushna Veerya, Krimighna, Lekhana.*
- Mode of Action
- O Gets rid of dead or slough tissue from persistent fissures (*Lekhana*).
- o Functions as an organic antiseptic and antiparasitic.
- o Encourages healing and speeds up the drying process for lesions that are oozing.

#### • PROBABLE MODE OF ACTION OF SODHIT TUTTHA

- → **Properties:** Tikta-Kashaya Rasa, Sheeta Veerya, Ropana, Krimighna.
- Mode of Action
- o Functions as an astringent, wound cleaner, and antibiotic.
- o Regulates exudation and infection while fostering granulation.
- o Promotes healthy epithelial tissue over the fissured skin.

#### • PROBABLE MODE OF ACTION OF GO-GHRITA

- → **Properties:** *Madhura Rasa, Sheeta Veerya, Snigdha, Ropana, Dhatuposhaka.*
- Mode of Action
- o A great skin healer and moisturizer.
- Soothes Pitta and Vata while lowering dryness and burning.
- Promotes the absorption of herbal actives and provides nourishment to the deeper layers of the skin.

## • PROBABLE MODE OF ACTION OF TILA-TAILA

- → **Properties:** Madhura-Katu-Kashaya Rasa, Ushna Veerya, Snigdha, Vatahara.
- Mode of Action
- Penetrates tissues deeply (*Sookshma* property).
- Maintains Vata and encourages skin flexibility and lubrication.
- o Serves as a carrier oil that improves the distribution of the medicinal qualities of herbs.

#### PROBABLE MODE OF ACTION OF SARJARASA

- **Properties:** Kashaya-Katu Rasa, Laghu, Ropana, Krimighna, Stambhana.
- **Mode of Action**
- Seals cracks by creating a barrier of protection on the skin.
- Healing and astringent impact on open wounds and cracks.
- Facilitates wound contraction and stops additional skin tearing

#### PROBABLE MODE OF ACTION OF BEE-WAX

- → **Properties:** Snigdha, Madhura, Ropana.
- **Mode of Action**
- Offers occlusive action, trapping moisture and shielding against environmental exposure.
- Improves the consistency and texture of the mixture (ointment base).
- Keeps the wound clean and prevents secondary infection.

This concoction combines moisturizing (Snigdha), antimicrobial (Krimighna), healing (Ropana), and astringent (Stambhana) effects. The combination is particularly effective for Vata-Kaphaja Vipādikā, where dryness, cracking, pain, and a slight discharge are the main symptoms. The synergy guarantees tissue integrity restoration, skin repair, and infection prevention.

### \* CONCLUSION

Acharya Charaka, Acharya Vagbhatta, and Acharya Sushruta all categorize Vipadika as a form of Kushtha. It is related to the non-infectious disease known as Palmo-Plantar Psoriasis. According to this case study, Ayurvedic remedies, such as just Bahiparimarjana (external applications like Vipadika Ghrita-Taila (Malahara), are helpful in controlling Vipadika Kushtha. The results from this management approach are encouraging for comparable cases, even though this is just one case study and the findings cannot be applied to other situations.

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