



## **Case Study**

## A CASE REPORT ON AYURVEDA MANAGEMENT OF WET ECZEMA (VICHARCHIKA)

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#### **ABSTRACT**

Skin disorders are one of the major health issues in the present era. It is a multifaceted condition that includes the emotional and social impact on individuals, as it affects psychological status of person due to its appearance, severe itching, disturbs the daily routine. The prevalence of eczema is more common in rural areas than in urban ones. Eczema is an inflammatory reaction of the skin. Characterized by variable itching and soreness, crusting, dryness, erythema, excoriation, exudation, fissuring, hyper pigmentation, lichenification, oozing, scaling and vesiculation. No satisfactory treatment is available in contemporary medical practice except antihistamines and topical steroids. As it is a common chronic skin condition that can lead to recurrent infections and poor quality of life if left untreated. The clinical features can be correlated to Vicharchika in Ayurveda, as it is characterized by Kandu, Srava, Pidaka and Shyava varna. It has been described under Kshudra Kustas and it is a Rakta Pradoshaja Vikara, involving three Doshas with Kapha predominance. A case of 35 years male presenting with clinical features of diffuse hyperpigmented skin lesions all over the body (bilateral upper and lower limbs, abdomen, back, face and scalp) associated with severe itching and serous discharge since 2 months. The case was diagnosed as Sravi Vicharchika. Patients were treated on line of Rakta Pradoshaja Vikara (Kustha) i.e., Sroto sodhana and Dosha Shamana chikitsa was adopted, resulting in significant improvement in clinical features.

#### INTRODUCTION

Eczema is a common, chronic inflammatory skin disease characterized by pruritis and repeated relapse. The world wide prevalence of eczema ranges from 15%-20%, 60% of the cases appears in the first year of life, majority within 5 years and the remaining manifest by 30 years of age.[1] Eczema can be classified into two broad groups, exogenous and endogenous eczema depending upon whether the causative factors are external or internal. In acute eczema there is erythema, oedema, vesiculation, oozing and crusting whereas in subacute phase there is erythematous hyperpigmented plaque with scaling and crusting. In chronic phase there is lichenification (a combination of thickening, hyperpigmentation and prominent skin markings). Most subacute and chronic eczema are perpetuated by itch-scratch-itch cycle [2].



Vicharchika (eczema) is one among the Kshudra Kushta<sup>[3]</sup> (minor skin disorder). It is characterized by skin manifestation having the clinical features of Kandu (itching sensation), Pidika (papule) Shyava Varna (blackish brown discoloration) and Bahusrava (excessive exudation)[4], which can be correlated to eczema according to contemporary science. Vicharchika is of 4 types according to clinical features opinied by different Acharyas- Charakokta sravi vicharchika<sup>[5]</sup>, Sushrutokta shushka vicharchika<sup>[6]</sup>, Bhelokta jeerna vicharchika<sup>[7]</sup> and Kashyapokta aganthuja vicharchika<sup>[8]</sup>. Vicharchika is Pradoshaja Vikara being involved of three Dosha with dominance of *Kapha*. The treatment principle adopted here is Srotho shodhana (Raktha shodhana) and Dosha shamana i.e., Pitta-kapha shamana chikitisa which helps reducing Shotha and Srava.

#### Case report

A 35 years, male patient came to Kayachikitsa Outpatient Department of Sri Dharmasthala Manjunatheshwara (SDM) Ayurveda Hospital, Hassan, with complaints of diffuse hyperpigmented skin lesions all over the body (bilateral upper and lower

limbs, abdomen, back, face and scalp) associated with (a/w) severe itching, burning sensation and serous discharge since 2 months. 5 years ago he noticed the abrupt onset of small vesicles over the extensor surface of his left hand and the forearm a/w scaling and mild itching for which he consulted nearby physician and was prescribed medications for 1 month. Complaints got relieved. A few months later, he gradually began to develop vesicles over his right and left hands and legs, with intermittent mild itching which was on and off. Since two months lesions began to spread across his body, face, and scalp, causing severe itching and serous discharge, it started disturbing his work, day to day activities and sleep. Hence, he approached SDM hospital.

**Associated Complaints**: Burning sensation in chest region, repeated sour belching and disturbed sleep due to itching

**Comorbidities:** No diabetes mellitus/hypertension, other major medical and surgical history.

Family History: No significant history

## **Treatment History**

- Tab Betnesol 1-0-1 AF
- Tab Teczine 0-0-1 AF
- Sper lotion E/A
- Clonate lotion E/A

## Vaiyaktika vrittanta

- Appetite reduced
- Diet mixed (non-veg 5 days/week, curd daily night)
- Bowels 1/day
- Sleep disturbed
- Micturition 5-6 times /day
- · Habits nil

#### **General Examination**

- Built:
- Nourishment

Moderate

- Pallor
- Icterus
- Cyanosis
- Lymphadenopathy

## Astasthana pareeksha

- Nadi Kaphaja
- *Mutra Prakrutha* (5-6 times/day, 1 time at night)

absent

- *Mala Prakrutha* (once per day)
- Shabda Prakrita
- Jihwa Lipta
- Sparsha- Rooksha
- Drik Prakruta

## **Systemic Examination**

- Central nervous system: Conscious, Oriented to time, place, person
- Respiratory system- Symmetrical chest, no added sound.
- Cardio vascular examination- S1 and S2 heard, no murmur.
- ➤ Gastro intestinal system- Soft abdomen, no tenderness and organomegaly was found.

### **Integumentary system**

- Type of Lesions Papule, vesicle and scale
- Symmetry- Asymmetrical
- Distribution- Face, upper limb, lower limb, abdomen, flanks
- Shape- Irregular
- Colour- Greyish black
- Surface Rough
- Discharge –Present (serous)

## Laboratory parameters

Hb: 14.2 gm%

E.S.R: 20 mm/hr

Eosinophils: 6%

AEC: 625 cells/cmm.

Table 1: Gradation of Clinical features of Vicharchika[9]

Clinical features	Gradation	Score
	No itching	0
Variable (Italiana)	Itching present rarely	1
Kandu (Itching)	Itching disturbing patients attention	2
	Severe itching disturbing patients sleep	3
	No Srava	0
	Occasional	1
Srava (Discharge)	Srava after itching	2
	Mild <i>Srava</i> after itching	3
	Profuse <i>Srava</i> making clothes wet	4
	Absent	0
Pidaka (Papules)	• 1-2 <i>Pidaka</i> in one affected part	1
	• 3-4 <i>Pidaka</i> in one affected part	2
	More than 4 <i>Pidaka</i> in one affected part	3

	Normal skin colour	0
Shyavata/Vaivarnyata	Brownish red discoloration	1
(Discoloration)	Blackish red discoloration	2
	Blackish discoloration	3
	No dryness	0
Rookshata (Dryness)	Dryness with rough skin	1
	Dryness with scaling	2
	Dryness with cracking	3
	Absence of burning sensation in affected part	0
Daha (Burning Sensation)	Rarely burning sensation in affected part	1
	• Continues burning sensation in affected part	2
	Disturbing patients sleep	3

## 5D scale for assessment of pruritis

1. Duration: During the last 2 weeks, how many hours a day have you been itching?

	> 6hrs /day	6-12 hrs /day	12-18 hrs /day	18-23 hrs /day	All day
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2. Degree: Please rate the intensity of your itching over the past 2 weeks

Not present Mild	Moderate	Severe	Unbearable
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## 3. Direction: Over the past 2 weeks has your itching gotten better or worse compared to previous month?

Completely Much better, but		Little bit better,	Unchanged	Getting worse	
	resolved	still present	but still present		

## 4. Disability: Rate the impact of your itching on the following activities over the last 2 weeks

Sleep	Never affects sleep	Occasionally delays falling asleep	Frequently delays falling asleep	Delays falling asleep and occasionally wakes me up at night	Delays falling asleep and frequently wakes me up at night
Leisure/Social	Never affects this activity	Rarely affects this activity	Occasionally affects this activity	Frequently affects this activity	Always affects this activity
Housework/ Errands	Never affects this activity	Rarely affects this activity	Occasionally affects this activity	Frequently affects this activity	Always affects this activity
Work/School	Never affects this activity	Rarely affects this activity	Occasionally affects this activity	Frequently affects this activity	Always affects this activity

# 5. Distribution: Mark whether itching has been present in the following parts of your body over the last 2 weeks. If a body part is not listed, choose the one that is closest anatomically

Head / scalp	Soles
Face	Palms
Chest	Tops of hands/fingers
Abdomen	Forearms
Back	Upper arm
Buttocks	Points of contact w/ clothing
Thighs	(e.g., waist band, undergarment)
Lower legs	
Tops of feet / toes	

NOTE\*: Total score (n)= 25, 9–11 for mild pruritus, 12–17 for moderate pruritus, 18–21 for severe pruritus and  $\geq$  22 for very

Diagnosis: Sravi Vicharchika (Wet eczema)

- o Kandu (Itching sensation)
- o Pidika (Papule)
- o Shyava Varna (Blackish brown discoloration)
- o Bahusrava (Excessive exudation)

## **MATERIALS AND METHODS**

#### **Therapeutic Intervention**

Patient was admitted and given Shamana oushadi along with Panchakarma (Shodhana) therapy.

Total Duration of treatment -10 days IP (in patients department) treatment

Table 2: Treatment protocol (Panchakarma and Shamana treatment)

Date	Treatment	Purpose/Mode of action	Observation
23/09/2023	Parisheka with Panchavalkala sheeta Kashaya	Pitta hara	After the procedure, there was mild relief in <i>Kandu</i> and <i>Daha</i>
24/09/2023	Sadhyovirechana with Avipattikara churna 25gm + honey	Pittahara, Kostha Shuddhi, Srotho Shuddhi	No. of <i>Vegas</i> -8 Repeated sour belching reduced Burning sensation in chest region reduced
25/09/2023	Ganji + Boiled veg Siravyadha to bilateral upper limb	Samsarjana krama. Rakta shodhana	Serous discharge reduced by 10%
26/09/2023 to 28/9/2023	Triphala churna 5gm -0- 5gm AF Mahamanjistadi Kashaya 20ml -0-20ml AF Ganji diet Trakrapana 11 /day	Nitya virechana Rakta prasadna Pathya Rookshana	Itching and serous discharge reduced by 25%
27/09/2023 to 28/09/2023	Dooshivishari gulika 1-1-1 BF (Before food) Aragwadadi Kashaya 15ml-0-15 ml AF Gandhak rasayana D S 1-1-1 AF	Kandughna, Kaphahara, Vranaropaka, Rakta shodhaka, Kustahara	Itching and serous discharge reduced by 50% Sleep improved
30/09/2023 To 4/10/2023	Dooshivishari gulika 1-1-1 BF(Before food) Triphala churna 5gm -0- 5gm AF (After food) Mahamanjistadi Kashaya 20ml -0-20ml AF Aragwadadi Kashaya 15ml-0-15 ml AF Gandhak rasayana D S 1-1-1 AF Sar parisheka with siddhartaka snana churna Diet food Siravyadha D Sora lotion E/A	Kandughna, Kaphahara, Vranaropaka, Rakta shodhaka, Kustahara Twak doshahara Pathya Kledahara	Patient feels tightness over the skin lesion Itching reduced by 70% Serous discharge reduced by 90%

#### **Assessment**

Assessment was done before treatment (BT-0<sup>th</sup> day) and after treatment (AT-10<sup>th</sup> day)

Assessments – subjective and objective criteria, EASI score, 5D Pruritis scale

Table 3: Showing changes in Clinical features Before and After Treatment

S.No	Clinical features	Score on 0th day (BT)	Score on 10th day (AT)
1.	Kandu (Itching)	3	1
2.	Srava (Discharge)	3	0
3.	Pidaka (Papules)	3	0
4.	Shyavata/Vaivarnyata (Discoloration)	3	1
5.	Rookshata (Dryness)	1	0
6.	Daha (Burning Sensation)	2	0

**ESAI Score**- Before Treatment-39.8

After Treatment- 30.8

**5D Pruritis scale**- Before Treatment -Sever (Score 22 out of 25)

After Treatment - Mild (Score 10 out of 25)

#### OBSERVATION

Figure 1: Pictures showing before treatment



## RESULT

There was significant improvement the clinical features of *Kandu, Pidika, Shyava Varna, Bahusrava* after 10days of treatment

#### DISSCUSION

In Ayurveda all skin diseases are categorized under Kushtha. Vicharchika is one among Kshudra Kustas where the signs and clinical features are correlated to eczema. It is the Vvadhi Raktavahastrotas, having Sampraptighataka of Pitta and Kapha Dosha along with Vata association Twak, Lasika, Rakta and Mamsa as Dushya. Acharya Charaka has highlighted the role of Panchakarma therapy by stating that the disease treated by *Shodhana* will never reoccur, whereas the treatment with *Shamana* therapy may reoccur in due course of time. Among the Shodhana Virechana Karma is opted as vitiated Dosha is mainly Pitta predominance. In the present study Shodhana, Shamana and Bahirparimarjan Chikitsa was adopted to the patient.

Panchavalkala kwatha sheeta parisheka is the decoction of the bark of Vata (Ficus bengalensis Linn.), Udumbara (Ficus glomerata), Ashwatha (Ficus

religiosa), Plaksha (Ficus lacor) and Parisha (Thespesia). These have predominantly Kashaya rasa (astringent taste), Sheeta veerya. By the action of Rasa, it acts as Stambhaka (arresting) and Grahi (that which holds) thus reduces the Srava (discharge) and does Ropana (healing), Shodhana (purifying). It also does Rakta shodhana (blood purification) by the action of its Rasa and Veerya.

Panchavalkala is considered to be a good Shothahara (reduces swelling).[10] All the five drugs of Panchavalkala are proved to have anti inflammatory, analgesic, antimicrobial, and wound healing properties.[11-16]

Sadhyo virechna is useful in Pitta dominant disorders along with Kapha Sansrista Dosha and Pitta Sthanagata Kapha.<sup>[17]</sup> It pacifies vitiated Pitta Dosha and also help in eliminating vitiated Kapha Dosha, corrects Dushitha Rakta Dhatu, causes Valanulomana, Srotoshodhana, thus reducing burning sensation, itching, serous discharge.

Siravedha is also type of Raktamokshana, if Dosha dushti is present in all over the body, Siravedha

is indicated. *Vicharchika* is a *Raktha Pradoshaja Vyadhi*. Hence *Siravyadha* helps in expelling out the *Dushta Raktha* and *Pitta* (*Ashraya ashrayi bhava*) from the body. [18]

Sheeta, Swadhu Takra added with Trikatu was given daily to pacify Pita -kapha.[19]

Triphala is Tridoshaja shamaka, it was used as Nitya virechaka here. In excessively accumulated Dosha, nitya virechana advised. [20] When vitiated Doshas does Dushana of Mamsa and Medha dhatu. Nitya Virechana is advised [21] as it does Sroto mukha vishodhana.

Mahamanjishtadi kwatha it has Kapha- pitta shamaka, Shothahara, Raktashodhaka, Kushtagnha, Varnya, and has Rasayana properties<sup>[22]</sup>. By virtue of ingredients it is a *Tikta-kashaya* (bitter and astringent taste) does *Raktha shodhana* and further prevents Kapha dosha aggravation.

Dooshivishari Gulika<sup>[23]</sup> was administered for Shesha Dosha Harana. It is one of the Vishaghna (neutralize toxins) formulation which has Pitta–Kaphaghna, Vishghana and Raktaprasadaka (blood purifier) properties.<sup>[24]</sup>

Gandhaka Rasayana is good for skin as it balances *Tridosha* reduces itching and discharge from lesion and is also nourishing in nature because of its *Rasayana* property.

Sidarataka Snana Choorna<sup>[25]</sup> is Tikta Kashaya Rasa Pradhana. It possesses Sheeta Virya and Vata Kaphahara properties. Sidarataka Snana Choorna Yoga is Varnahara, Kandughna and Twakdoshahara.

#### **CONCLUSION**

Sravi Vicharchika (eczema) is relapsing disease. In this case *Tridosha hara* and *Rakta prasadana* was adopted. Treatments such as *Parisheka* (shower sprinkling), *Sadyovirechana* (purgation therapy), *Siravyadha* (bloodletting) and *Shamana Aushadhis* (oral medications) found to be effective in the management of *Sravi vicharchika* (eczema).

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