# **IJCRT.ORG**

ISSN: 2320-2882



# INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

# Charma Rog (Skin Disease) Ekkustha (Psoriasis) Management By Ayurvedic Chikitsa Paddhati (Line Of Treatment): A Case Study

Acharya Manish<sup>1</sup>, Prof Ish Sh<mark>arma<sup>2</sup>, Dr. Gitika Chaudhary<sup>3</sup>, Dr. Richa<sup>4</sup>, Dr. Vikas Saini<sup>5</sup>, Dr. Srijan Chaudhary<sup>6</sup></mark>

- 1. Director, Meditation Guru, Jeena Sikho Lifecare limited
- 2. Senior Consultant, MD, PhD (Ayuryeda) Jeena Sikho lifecare limited
- 3. Senior Consultant, General Surgeon, BAMS, PGDIP, PGDGS, MS (Ayurveda), Jeena Sikho lifecare limited
  - 4. Research officer, BAMS, PGDIP, CICR, CAIM, Jeena Sikho lifecare limited
  - 5. Consultant, BAMS, Jeena Sikho lifecare limited Hospital, Surat (Gujarat)
    - 6. Writer, BAMS, Jeena Sikho lifecare limited

CORRESPONDING AUTHOR- Dr. Gitika Chaudhary, Senior Consultant, General Surgeon, BAMS, PGDIP, PGDGS, MS (Ayurveda), Jeena Sikho lifecare limited

#### **ABSTRACT**

Psoriasis can be correlated by Ekkustha Kustha which come under eleven Kshudra Kustha. Psoriasis is an auto-insusceptible disorder characterized by unusual patches which can be visualized as dry, irritating and flaky. A 52-year-old Female visited Jeena Sikho Lifecare Limited Hospital Surat (Gujarat), on 15th January 2025. Her complaints were Kandu (Itching at affected skin), Kinkara Sparsha (Roughness of Skin), Khandit Nidra due to Kandu (Disturbed sleep due to itching and burning sensation), Shyava (Blackish patchy skin discoloration), and Rookshata (Dryness). Vitals with Ashtasthan Pareeksha (Eight - fold Examination) were done along with history taking. The Patient was advised *Panchkarma* such as *Deepan*, Pachan, Sarwang Snehan, Sarwang Swedan, followed by Virechan and Sansarjan Karma (Detoxifying therapies includes promoting digesting fire, full body message, full body sudation, purgation followed by strengthening diet). Ayurvedic formulations consisting of Trikatu (Piper longum, Piper nigrum, Zingiber officinale), Triphala (Emblica officinalis, Terminalia bellerrica, Terminalia chebula), Khadirarista,

Mahamanjisthadi Kwath, Devdarvya Kwath, Takrarishta, Neem (Azadirachta indica), and Gandhak (Sulphur) were given which have yielded promising results earlier in many skin cases. Along with this, positive lifestyle played an important role to balance *Vata*, *Pitta*, *Kapha*. After *Panchkarma* procedures dietary changes were done which consisted of fruits, salad, zero grain chapattis etc. After all this treatment there was consistent improvement visible along with no or negligible complaints left.

• **KEYWORDS** Abhyantar Snehan, Charma Rog, Ekkustha, Kanduhar, Panchkarma, Psoriasis.

# **INTRODUCTION**

Psoriasis is an auto-insusceptible disorder. It is characterized by unusual patches which can be visualized as dry, irritated and flaky. The representation of patches can be a little sketchy with minimal to body including scalp, palms, sole and or skin anywhere else. Irregularity spread all over the of patches can be seen over epidermal layer due to over-the-top augmentation of cells in the basal layers. The proliferation of keratinocyte is decreased to 5-6 days from 28-30 days, leading to overcrowded skin layers [1]. Psoriasis can co-exist with several other health conditions, such as diabetes, cardiovascular disease, lymphoma, and depression [2,3,4]. Non-achievement of clear/almost clear skin, recurrence of symptoms, side effects of the medications and inefficacy of the medications to control the disease process are the important reasons which leave the patients dissatisfied [5]. Ayurveda categorizes all skin disorders under the shade of *Kustha*; in other word it tends to be recorded as 'Ayurvedic dermatology'. The word "Kustha" implies one which deforms or depigments the skin. However, all the dermatological indications can be included under 18 subtypes of Kustha [1]. Kustha Rog is also considered as a Papakarmaja Vyadhi (a disease due to sinful activities) and a Kulaj Vikar (a hereditary disorder). According to Sushrut Acharya if the person suffered from Kustha in his previous life and if he takes rebirth then he develops Kustha in his present life also so-called Poorva Janmakrit Vyadhi (Previous birth karma disease) [5]. Psoriasis can be correlated to *Ekkustha* which come under eleven *Kshudra Kustha*<sup>[1]</sup>

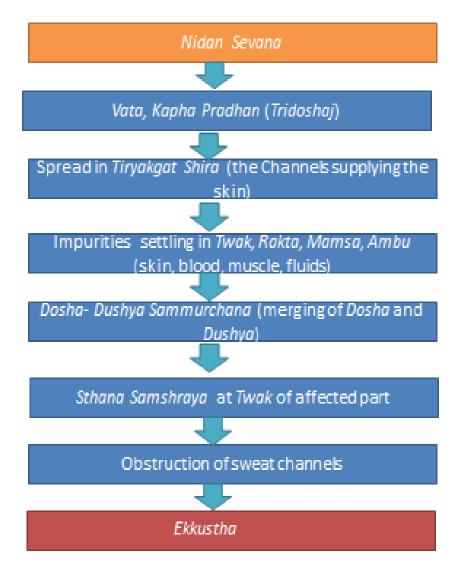
Table 1 Samprapti Ghataka Ekkustha (Components of Pathogenesis of Psoriasis)

Dosha (Bodily Humors or three	Vata, Kapha Pradhan (Tridoshaj)
Energies of Body)	
Dushya (Targeted Body Tissues)	Twak, Rakta, Mamsa, Ambu ( skin, blood, muscle, bodily fluids)
C ( Dada Channala)	
Srotas (Body Channels)	Raktavah Srotas, Swedavah Srotas (
	blood-carrying channels, sweat –
	carrying channels)
Srotodushti (Affliction of Body	Sanga (obstruction in the channels)
Channels)	
Agni (Digestion and Metabolic	Jatharagni, Dhatvagni (Digestive fire,
Strength)	Tissue Metabolism)
Swabhav (Stage of Disease	Chirakalin (Chronic)
Manifestation)	
Adhishthan (Prognosis)	Bahya Rog Marg, Twak, Mamsa
	(Impaired Tissue Metabolism, skin,
	muscle)

# Nidan [6] of Ekkustha Kustha

Viruddh Aahar sevan (wrong food items) such as simultaneous use of milk and salty snacks and Rakta dushtikar Aahar-Vihar (excessive use of salty food, sour food like pickles, curd) etc.

# Samprapti Chakra Ekkustha (Pathogenesis of Psoriasis)



In case of *Kushta* (skin diseases): Use of purgative herbs is recommended, especially: *Trivrit* (*Operculina turpethum*) – a strong purgative, *Danti* (*Baliospermum montanum*) – useful in deep cleansing, *Harad* (*Terminalia chebula*), *Bahera* (*Terminalia bellirica*), *Amla* (*Phyllanthus emblica*) mild laxative and detoxifier<sup>[7]</sup> *Charak* indicates *Virechan* for Skin disorders. Expulsion of *Sharira Mala* (body waste) mainly through the lower route (anus). If both upper (mouth) and lower (anus) routes are involved but the primary aim is cleansing, it is still called *Virechan*. It is a part of *Panchkarma* therapy in *Ayurveda*, used especially to eliminate *Pitta Dosha* and toxins from the intestines and liver. It ensures deep internal detoxification<sup>[8]</sup>. Right Patient for *Virechan* according to state, diet, capacity, *Prakriti* etc have to undergo *Snehan* and *Swedan* procedure before *Virechan*. <sup>[9]</sup>

# **CASE REPORT**

A 52-year-old Female visited Jeena Sikho Lifecare Limited Hospital, Surat (Gujarat) on 15<sup>th</sup> January 2025. Her evaluation included a thorough medical history, physical examination and diagnostics. There was no relevant family history she came for *Ayurvedic* treatment after getting the symptoms worsened with *Kandu* (Itching at both the feet), *Kinkara Sparsha* (Roughness of Skin), *Khandit Nidra* (Disturbed sleep due to itching and burning sensation), *Shyava* (Blackish patchy skin discoloration), and *Rookshata* (Dryness). She was diagnosed with *Ekkustha* a skin disease. *Samprapti Chakra* mentioned in **Figure 1** and *Samprapti Ghataka* mentioned in **Table 1**. The Vitals with *Ashtavidha Pariksha* (Eight - fold Examination) during the first visits are mentioned in **Table 2 & 3**.

Table 2 Vital Parameters on first Visit

Sr. No	Examination	Findings
1.	Blood Pressure	130/80 mm of Hg
2.	Pulse	80 / min
3.	Weight	56 kg
4.	Height	5 feet 1 inches
5.	Body Mass Index	$23.3 \text{ kg/m}^2$

Table 3 Ashtavidha Pariksha (Eight - fold Examination)

Sr. No	Examination	Findings
1.	Nadi (Pulse)	Vata Pittaj
2.	Mutra (Urine)	Avikrit (Normal)
3.	Mala (Stool)	Avikrit (Normal)
4.	Jihva (Tongue)	Saam (Coated)
5.	Shabda (Voice)	Spashta (Clear)
6.	Sparsha (Touch)	Kinkara Sparsha (Roughness of Skin), Shyava (Blackish patchy skin discoloration), and Rookshata (Dryness).
7.	Drik (Eyes)	Avikrit (Normal)
8.	Akriti (Appearance)	Madhyam (Normal)

# TREATMENT PLAN

- I. Disciplined & Intelligent Person's Diet (DIP)[10] & Ayurvedic Dietary Guidelines from Jeena **Sikho Lifecare Limited Hospital:**
- I. The DIP & Ayurvedic Dietary Diet was advised after complete Panchkarma. Nidan (trigger) consumptions were stopped immediately.

#### Things to avoid [11] II.

- Heavy and sour dairy products:
- Curd (Yogurt)
- Milk (especially if heavy or sour)
- Aquatic meat (fish and other water animals)
- Guda (Jaggery)
- Til (Sesame seeds)
- Packed food.

# **Recommended Foods (Should Be Taken):**

- Light and wholesome foods (easy to digest)
- Bitter vegetables e.g., Patol (Vigna radiate), Karela (Momordica charantia), Moringa JCR (Moringa oleifera), Capsicum (Capsicum annuum) etc.

# Foods mixed with:

Harad (Terminalia chebula), Bahera (Terminalia bellirica), Amla (Emblica officinalis).

# **Hydration:**

- A. Consume Herbal tea 300ml twice daily. To prepare 300 ml of Herbal tea, combine 2 cloves (*Trifolium* pratense), 2 cardamom pods, 10 black pepper seeds (Piper nigrum), 5 gm cinnamon sticks (Cinnamomum verum), and a half tea spoon of fennel seeds (Foeniculum vulgare) with hot water.
- B. Drink Red juice made up Beetroot, Pomegranate and Carrot (100-150 ml).
- C. Green juice composed of Neem (Azadirachta indica), Tulsi (Ocimum tenuiflorum), Paan (Piper betle), Karela (Momordica charantia), Jamun (Syzygium cumini), Sadabahar (Vinca rosea) taken in quantities of 10 gm each, 200 ml water added, ground in a mixer grinder, filtered, and consumed in a quantity of (100-150 ml).

D. Living water (The approach involves a three-tiered filtration system using clay pots, each serving a specific purpose to purify and energize the water:

**Top Pot:** Fill this pot with a mixture of small and large river stones, followed by charcoal made from burning wood. This layer acts as an initial filter, removing larger impurities. Middle Pot: Place a similar mix of stones here. Additionally, add *Moringa* seed powder (also known as drumstick or "Sahjan" powder), a silver vessel, a copper vessel, and Rudraksha (Elaeocarpus angustififolium). Moringa seeds are known for their natural water-purifying properties, while silver and copper are believed to enhance the quality of water.

**Bottom Pot:** This pot remains unaltered and serves as the collection chamber for the purified water. Advised to drink as per the need.

- E. Aim to drink 1 liter of alkaline water daily (Procedure as follow):
- 1. **Setup the Glass Jug:** Fill a clean jug with fresh drinking water.
- 2. Add Copper Vessel: Place a copper vessel or glass inside the jug.
- **Infuse Flavors:** Add slices of carrot, cucumber, and lemon to the water.
- Add Herbs: Include ginger slices, mint leaves, and coriander leaves.
- **Optional Spice:** Add a slice of green chili for added flavor.
- 6. **Let it Sit:** Allow the mixture to sit for 12 hours.
- 7. Add Amla (Emblica officinalis) and Basil (Ocimum tenuiflorum): After 6 hours, add 3–4 pieces of 13CR Amla and a handful of Basil leaves. Let it infuse for 6 hours.
- 8. **Ready to Drink:** 3 to 4 times a day in divided portions.

# **Meal Timing and Meal Structure:**

- Early Morning (5:45 AM): Chew 2 cloves, 2 medium sized crushed garlic buds and 5 curry leaves.
- Breakfast (9:00 AM): Seasonal fruits like pomegranate, cucumber, tomato, or guava (Weight in kg × 10 gram) in this case volume came to 560 grams.
- Morning Snacks (11:00 AM): Mugda Yusha (Broth made by boiling Moong Dal), red juice and 4-5 soaked almonds.
- Lunch (12:30 PM 2:00 PM): Plate 1: salad 280 gm and Plate 2: Zero Grain Chapati with dal and cooked vegetables.
- Evening Snacks: Green juice (100-150 ml) with Green juice composed of *Neem (Azadirachta indica)*, Tulsi (Ocimum tenuiflorum), Paan (Piper betle), Karela (Momordica charantia), Jamun (Syzygium cumini), Sadabahar (Vinca rosea) taken in quantities of 10 gm each, 200 ml water added, ground in a mixer grinder, filtered, and consumed in a quantity of (100-150 ml) along with 4-5 almonds.

- Dinner (6:00 PM): Plate 1: salad 280 gm and Plate 2: Zero Grain Chapati with dal and cooked vegetables.
- **Zero Grain Chapati** [12] (With Pulses and Seeds)

# Ingredients

• 20 gm of *Dhuli Masoor* Pulse (washed and dried), 20 gm *Dhuli Moong* Pulse (washed and dried), 10 gm Pumpkin Seeds (washed and dried), 10 gm Chia seeds (unwashed and dried), 20 gm dry Coconut Powder

# **Procedure**

• Blend all ingredients and prepare a fine flour and prepare a dough by adding luke warm water. Keep dough for 1 to 2 hours and then prepare Chapattis. With this much amount of ingredients 2 Chapattis are made. Number of Chapattis can be adjusted according to the patient's desire.

# **Fasting:**

• Fast once a week with fruits, coconut water, and plain water.

# General instruction for all patients at Jeena Sikho Lifecare Limited Hospital:

- Wake up early in the morning time at *Brahma Muhurta* (1 hour and 36 minutes before Sun rise) [13]
- Practise meditation for stress relief. Perform Yoga (Sukshm Pranayam and Sukhasan) for 40 minutes daily. [14]
- Sun-bathe for 1 hour, morning, with feet soaked in lukewarm water while chanting LUM, VUM, RUM, YUM, HUM, OM and AUM in *Gyan Mudra* posture.
- Offer gratitude to the divine before eating or drinking.
- Do oil pulling every day.
- Ensure 6-8 hours of restful sleep each night.
- Follow a structured daily routine for balance and organization.

# 1. Specific suggestion for this patient

- Avoid soaps and shampoos.
- o Avoid being in contact with chemicals in general and known allergens in particular.
- Insure effective stress management.

Virechan

# Steps Virechan Karma mentioned in Figure 2



Figure 2

Drug and dose of *Deepan & Pachan* mentioned in **Table 4**, *Ghrita Pan* Dose, name of *Ghrit* and quantity of *Ghrit* mentioned in **Table 5**.

A. Table 4 Deepan & Pachan From 15th to 19th January 2025 was done

DATE	Drug along with Dose
15 <sup>th</sup> January 2025	Panchkola Churna 3 gm Koshan Jala OD
16 <sup>th</sup> January 2025	Panchkola Churna 3 gm Koshan Jala OD
17 <sup>th</sup> January 2025	Panchkola Churna 3 gm Koshan Jala OD
18 <sup>th</sup> January 2025	Panchkola Churna 4 gm Koshan Jala OD
19 <sup>th</sup> January 2025	Panchkola Churna 4 gm Koshan Jala OD

Diet during *Deepan & Pachan* - 120 ml Vegetable soup, Steamed Vegetables and fruits 200 gm each, 3 *Ragi* roti with cooked vegetable and moong dal, a glass full of coconut water. This diet was taken in parts in a day. *Sarwang Snehan* and *Sarwang Swedan* done from 15<sup>th</sup> to 19<sup>th</sup> January 2025 along with *Deepan* and *Pachan*. And on morning just before *Virechan Yoga* was given on 24<sup>th</sup> January 2025.

# Sarwang Snehan with Bala Tail and Sarwang swedan [15]

# **Procedure**

- The patient was advised to take supine position, and warm *Bala Tail* was applied. Then the patient was asked to take prone position and warm *Bala* oil applied on remain dry skin.
- Long strokes were made during the massage for 45-60 minutes in circular motions with gentle pressure.
- Special attention was paid to areas like the neck, shoulders, lower back and joints. The patient was advised to sit in the steam chamber or *Swedan* box for 10-15 minutes at a maintained comfortable temperature (40-45°C/104-113°F).
- A warm bath was advised to relax muscles and remove excess oil.
- She was advised to take rest for 30 minutes.

Table 5 Abhyantar Snehana by Ghrita Pan (internal lubrication) with Panchatikta Ghrita

DATE	Drug along with Dose
20 <sup>th</sup> January 2025	Panchatikta Ghrit 30 ml OD
21st January 2025	Panchatikta Ghrit 60 ml OD
22 <sup>nd</sup> January 2025	Panchatikta Ghrit 90 ml OD
23 <sup>rd</sup> January 2025	Panchatikta Ghrit 120 ml OD

The Diet

remained the same during Ghritapan days as was Deepan & Pachan

2. Virechan Yoga (Combination of Trivritt Avaleha 50 gm and Castor Oil 50 ml) given on 24th

January 2025

# **Procedure**

- a. A day before *Virechan*, the patient was advised to take *Pitta Vardhak* (Which increase *Pitta*) food such as Curd, Curry etc.
- b. Vitals were monitored (Blood Pressure, Pulse rate, Blood Sugar, Body Temp, SP<sub>02</sub>)
- c. Then Sarwang Snehan with Bala Tail and Sarwang Swedana were done.
- d. Then Virechan Yoga was given to the patient.
- e. She was advised to be active, and to note the times whenever passing the stool. Stool was passed and asked to tell Doctor about it so that measurement, smell and type can be noted. She was advised to observe the color of stool every time and to write it down. She was also advised to observe and record additional signifies findings if any as bleeding, cramps, nausea and so on. These information was recorded in the following format
- f. 16 Vega were observed during Virechan as per the following **Table 6**

Table 6 Serial Number, timing, color, and remarks of stool

SERIAL NUMBER	TIMINGS	COLOR OF STOOL	REMARK IF ANY
OF STOOLS			
1	9:10 AM	Dark Yellow	-
2	9:42 AM	Dark Yellow	Mild cramps
3	10:10 AM	Brown	-
4	10:36 AM	Blackish	-
5	11:05 AM	Dark Brown	Mild Cramps
6	11:31 AM	Brownish	-
7	12: 15 PM	Dark Yellow	Mild Cramps
8	12: 38 PM	Light Yellow	-
9	01: 03PM	Light Yellow	-
10	2:45 PM	Lighter Yellow	-
11	3: 18 PM	Lighter Yellow	-
12	3: 50 PM	Lighter Yellow	-
13	4: 25 PM	Lighter Yellow	-
14	5: 07 PM	Lighter Yellow	-
15	5: 33 PM	Lighter Yellow	-
16	6: 06 PM	Almost Colorless	-

- g. Type of Shuddhi (detox) as Madhyam/Medium with Kaphanta (last stool was colorless)
- h. After the procedure, Sansarjan diet plan was administer as per the following Schedule -

# Sansarjan Karma

The Aahar Krama includes Peya (Rice + excess water), Vilepi (Rice + less water), Yusha (Soup made of pulses) <sup>[16]</sup>. Dates and type of food given during Sansarjan Karma mentioned in Table
 6.

Table 6 Sansarjan Karma after Purgation

DATE	BREAKFAST	LUNCH	DINNER
24 <sup>th</sup> Jan 2025	-	-	Peya
25 <sup>th</sup> Jan 2025	Peya	-	Peya
26 <sup>th</sup> Jan 2025	Peya	-	Vilepi
27 <sup>th</sup> Jan 2025	Vilepi	-	Vilepi
28 <sup>th</sup> Jan 2025	Vilepi	-	Krita Yusha
29 <sup>th</sup> Jan 2025	Krita Yusha	-	Normal food

Medicines given in all visits along with *Anupana*, Dose, Ingredients and Therapeutic effects mentioned in **Table 7 and 8.** 

**Table 7 Medicine advised on all visits** 

10 <sup>th</sup> January 2025	14 <sup>th</sup> February 2025	14 <sup>th</sup> March 2025	14 <sup>th</sup> April 2025
DR Shuddhi Powder	Psoro Tablet 1 BD	Psoro Tablet 1	<b>Psoro Tablet</b> 1
½ tsf HS Nishikal with	Adhobhakta with	BD Adhobhakta	BD Adhobhakta
Koshna Jala (Before	Koshna Jala (After	Ko <mark>shna</mark> Jala (after	Koshna Jala (after
bed time with	food with luke warm	meals with	meals with
lukewarm water)	water)	lukewarm water)	lukewarm water)
Psoro OIL L/A	Skin Cure Capsule 1	Skin Cure	Skin Cure
(Local application)	BD Adhobhakta	Capsule 1 BD	Capsule 1 BD
BD	Koshna Jala (after	Adhobhakta with	Adhobhakta
	meals with lukewarm	Koshna Jala	Koshna Jala (after
	water	(After food with	meals with
		luke warm water)	lukewarm water
Psoro Tablet 1 BD	<b>DR Immune Tablet</b> 1	DR Immune	DR Immune
Adhobhakta Koshna	BD Adhobhakta	Tablet 1 BD	Tablet 1 BD
Jala (after meals with	Koshna Jala (after	Adhobhakta	Adhobhakta
lukewarm water)	meals with lukewarm	Koshna Jala (after	Koshna Jala (after
	water	meals with	meals with
		lukewarm water	lukewarm water
Skin Cure Capsule 1	Syrup Blood Purifier	-	DR Shuddhi
<b>BD</b> Adhobhakta	20 ml BD Adhobhakta		Powder ½ tsf HS
Koshna Jala (after	with Sama Matra		Nishikal with

meals with lukewarm	Koshna Jala (equal		Koshna Jala
water	amount of lukewarm		(Before bed time
	water)		with lukewarm
			water)
<b>DR Immune Tablet</b> 1	-	-	-
BD Adhobhakta			
Koshna Jala (after			
meals with lukewarm			
water			

**Table 8 Medicines, Ingredients and Therapeutic effects** 

Medicines	Ingredients	Therapeutic Effects
		as per Ayurvedic
		text
DR Shuddhi	Trikatu (Piper longum, Piper nigrum, Zingiber	Deepan, Pachan,
Powder	officinale <mark>), Triphala (Emb</mark> lica officinalis,	Nitya Virechan,
	Terminal <mark>ia bell</mark> erric <mark>a, Term</mark> inal <mark>ia chebula),</mark>	Kanduhar (Promotes
	Nagarmotha (Cyperus scarisus), Vaividang	d <mark>igestive fir</mark> e, To
200	(Embelia ribes), <b>Chhoti Elaic<mark>hi</mark> (E</b> lettaria	digests food, causes
	cardamomum), Tej Pata (Cinnamo <mark>mum tamala),</mark>	mild purgation,
	Loung (Syzygium aromaticum), Nishoth	controls itching)
See 1	(Operculina turpethum), Sendha Namak (salt),	10.
	<b>Dhani</b> ya (Coriandum sativum), <b>Pipla Mool</b> (Piper	10
	longum root), <b>Jeera</b> (Cuminum cyminum),	
	Nagkesar (Mesua ferrea), Amarvati (Achyranthes	
	aspera), Anardana (Punica granatum), Badi	
	Elaichi (Amomum subulatum), Hing (Ferula	
	assafoetida), <b>Kachnar</b> (Bauhinia variegata),	
	Ajmod (Trachyspermum ammi), Sazzikhar	
	(Alkaline salt), <i>Pushkarmool</i> ( <i>Inula racemosa</i> )	

DR Immune	Kesar (Crocus sativus), Kuchala (Strychnos nux	Oja Vardhak, Meda
Table	vomicos), Ashwgandha (Withania somnifera),	Vardhak, Chintahar
100010	Shatavari extract (Asparagus racemosus), Pippali	(Immunity building,
	(Piper longum), <b>Shunthi</b> (Zingiber officinalis),	Improves mental
	Tulsi (Ocimum sanctum), Haridra (Curcuma	health, de stressor)
	longa), Lavang (Zeylanicum aromaticum), Loha	, , , , , , , , , , , , ,
	bhasm (Iron), Swarna makshik bhasm	
	(Chalcopyrite), <i>Mukta Shukti bhasm</i> (Pearl oyster	
	shell), <b>Bahera</b> (Terminalia bellerica), <b>Giloy</b>	
	(Tinospora cordifolia), <b>Vidhara</b> (Argyreia	
	nervosa), Badi Elaichi (Amomum subulatum),	
	Dalchini (Cinnamomum verum), Pudina (Mentha	
	viridis), Tej Patta (Cinnamomum tamala), Amalki	
	(Emblica officinalis), Ajwain (Trachyspermum	
	ammi), Papita Satva (Carica papaya), Chhoti	
	elachi (E <mark>lettari</mark> a cardam <mark>omum)</mark>	
		3
Syrup Blood	A combination of Classical Multi herbal Ayurvedic	Rakta Shuddhi,
Purifier	formulations: Khadiraristha, Mahamanjisthadi	Kanduhar
10%	Kwath, Devdarvyadi Kwath, Takrarishta	(Detoxifies blood,
Arrive States		controls itching)
Skin Cure	Anant (Hemidesmus indicus), Neem (Azadirachta	Charmaroghar, Oja
Capsule	indica), Gulab (Rosa centifolia), Haldi (Curcuma	Vardhak, Kinkara
	longa), Giloy (Tinospora cordifolia),	Sparshahar,
	Mulethi(Glycyrrhiza glabra), Chiraita (Swertia	Kanduhar (Treats
	chirayita), Babool (Vachellia nilotica), Manjith	skin disease,
	(Rubia cordofolia), <b>Vidang</b> (Embelia ribes),	Immunity builder,
	Sharpunkha (Tephrosia purpurea), Khadir	reduces roughness of
	(Acacia catechu), Sanay (Cassia angustifolia),	skin, removal of
	Gandhak (Sulphur)	itching)
Psoro Tablet	Neem (Azadirachta indica), Pawad Beej (Cassia	Sweda Vardhak,
	tora), Bawachi (Psoralea corylifolia), Akash Bel	Charmaroghar,
	(Cassytha filliformis), Bakayanfal (Melia	Kinkara Sparshahar,
		Kanduhar (increase

	azedarach), Manjistha (Rubia codifolia),	sweating, treat skin
	Gandhak (Sulphur), Gum Accacia	disorder, removal of
		roughness from skin,
		removal of itching)
Psoro Oil	Anant (Hemidesmus indicus), Bawachi (Psoralea	Charamroghar,
	corylifolia), Neem (Azadirachta indica), Alovera	Rukstahar, Kinkara
	(Aloe barbadensis), Mulethi (Glycyrrhiza glabra),	Sparshahar,
	Karanj (Pongamia glabra), Kali Mirch (Piper	KanduhaI (treat skin
	nigrum), Mustard oil, Coconut oil, Ratan Jot	disorder, removal of
	(Onosa echioides)	roughness from skin,
		removal of itching)

# **RESULT**

The patient underwent 4 months of *Ayurvedic* regimen and after continuing the treatment, got significant results in subjective parameters and in pathological condition which was visible during the treatment against *Ekkustha* (Psoriasis). Visionary results are mentioned in **figure 3, 4 and 5.** Subjective comparison mentioned in **Table 9.** 

IJCRI

# FIGURE 3 BEFORE TREATMENT



# FIGURE 4 DURING TREATMENT



# FIGURE 5 AFTER TREATMENT



Table 9 Comparison of Subjective Parameters before treatment and recent visit

Complaints	Before Treatment 10 <sup>th</sup>	Recent Visit 14th April 2025
	January 2025	
Kandu (Itching at localized	7/10	1/10
area)		
Kinakara Sparsha	5/10	1/10
(Roughness of Skin),		
Nidara (Disturbed sleep due	3/10 unhappy sleep	10/10 Sound sleep
to itching and burning		
sensation)		
Shyava (Blackish patchy skin	Excessive	Negligible
discoloration)		

# DISCUSSION

# Discussion on Ekk-Kushtha (Psoriasis)

*Ayurveda* mentioned skin diseases to be of extremely long lasting nature, <sup>[17]</sup> characterized by *Aswedan* (lack of sweating), *Mahavastu* (extensive skin lesions) and *Matsyashakalopam* (fish like scaling) <sup>[18]</sup>. Modern Medicine considers Psoriasis to be an autoimmune disorder <sup>[1]</sup>, highlights by fish like scaly plaques usually staring from skin elbows, knees and scalp. Going to such matching symptoms *Ekkushta* can be liken to Psoriasis <sup>[1]</sup>

# Discussion on *Nidan* (causative factors)

The *Nidan* (causative factors) of Psoriasis, which is often correlated with *Ek-Kushtha* in *Ayurveda*, primarily revolves around dietary, lifestyle, and psychological imbalances that disturb the body's internal harmony. One of the major causes is the frequent consumption of *Viruddha Aahar* (incompatible food combinations) such as milk with fish or sour fruits, and curd with nightshades—which lead to the formation of *Ama* (Toxins) in the body. Eating heavy, oily, sweet, and sour foods in excess can aggravate the *Kapha* and *Pitta Doshas*, causing blood and skin tissue imbalances. *Adhyashana*, or eating before the previous meal is fully digested, further impairs the digestive *Agni* (digestive fire) and contributes to toxin accumulation. Psychological factors such as chronic stress, anger, guilt, anxiety, and emotional disturbances [19] disrupt *Vata* and *Pitta*, which are closely associated with inflammatory skin conditions. Additionally, *Vegavidharana* (suppression of natural urges like sneezing, urination, or crying), causes internal *Dosha* imbalances. Erratic lifestyle factors such as irregular sleep, sedentary behavior, and lack of routine also contribute significantly to the manifestation and aggravation of the disease [20]. In some cases, external triggers like injuries, exposure to chemicals, or environmental toxins and *Agantuja Nidana* (external etiology) can worsen the condition.

# **Discussion on** *Samprapti* (Pathogenesis)

Charak Samhita mentioned Kushta Sapatak (seven components for skin diseases). These are Vata, Pitta, Kapha, Twak (skin), Rakta (blood), Mamsa (muscles), and Ambu (tissue fluids). Sub dermal muscles as per Ayurveda are beavers to be the seven skin layer hence muscles are linked to occurrence of Psoriasis. [21]. Excessive dryness and flakes in Psoriasis represent Vata Dosha, were as itching and excessive skin proliferation represent Kapha Dosha this establish Ekkusta to be Vata Kapha disorder.

# Discussion on *Purvarupa* and *Rupa* (Symptomatology)

*Charak Samhita* mentions many premonitory symptoms in skin diseases, out of which *Aswedan* (lack of sweating), *Vaivarnya* (Discoloration), *Koth* (Plaque), *Kandu* (itching), and *Chirasthayi* <sup>[22]</sup> (long lasting nature) match with the preclinical and clinical symptomatology from Psoriasis.

# Discussion on Chikitsa / Management

All the *Ayurvedic* sages' recommended a specific diet, life style, medicines and *Panchkarma*. Implimenting this plan to current case study, *Aahar* (diet), *Vihar* (lifestyle), *Shaman* (medicines), *Shodhana* (Proper detoxification): Removes accumulated *Mala* toxins and waste (toxins and waste) were planned for this patient. [23]

# **Discussion on** *Aahar* (**Diet**)

This dietary plan emphasizes natural, plant-based eating to promote detoxification and to improve overall health. It advises avoiding heavy, sour, dairy products, aquatic meats, red meat, jaggery, sesame seeds, and all forms of packaged or processed foods, which can burden digestion, contribute to inflammation, skin itching, increase dryness, sheading of skin flakes etc. Vegetables and herbs like Capsicum, and Karela, and formulations including *Triphala* (*Emblica officinalis, Terminalia bellerrica, Terminalia chebula*) for their cleansing and rejuvenating effects are recommended. Hydration was prioritized through herbal tea, alkaline water, and nutrient-rich juices made from beetroot, pomegranate, Curry, and *Neem* leaves. The structured meal timings began early in the morning with detoxifying spices and continue with seasonal fruits, pulsebased soups, and zero grain chapattis made from pulses and seeds, which are designed to fight against autoimmune disease [24]. Fruit and water fasting once a week was also advised to give the digestive system a break. This approach combines principles from *Ayurveda* to support overall health, manage chronic conditions, and encourage natural healing. [25]

# Discussion on Vihar (lifestyle)

This lifestyle plan is especially beneficial for those suffering from skin diseases, as it focuses on detoxification, hormonal balance, and immune support—key factors in skin health <sup>[26]</sup>. Sitting in sunlight helps in the natural synthesis of Vitamin D, which plays a crucial role in skin regeneration and reducing inflammation. Soaking feet in lukewarm water while chanting *Mantras* like LUM, VUM, and OM calms the nervous system, reduces stress (a major trigger for many skin disorders), and promotes energy flow through *Chakras* associated with detoxification. Offering gratitude before meals enhances mindfulness, which can improve digestion and metabolism both essential for healthy skin <sup>[19]</sup> Waking up at *Brahma Muhurta* helps regulate cortisol levels and supports skin repair during early morning hours. Daily meditation and Yoga reduce oxidative stress and inflammation, both common contributors to chronic skin issues. Oil pulling eliminates oral toxins that could otherwise burden the liver, a key organ in skin detoxification. Quality sleep ensures that the skin undergoes proper repair and rejuvenation. Finally, a disciplined routine supports hormonal and digestive balance, both of which are fundamental to maintain a clear, healthy skin.

# Discussion on Aushadi (medicines ingredients)

Neem (Azadirachta indica) -Rasa (Taste): Tikta (Bitter), Kashaya (Astringent), Guna (Qualities): Laghu (Light), Veerya (Potency): Sheeta (Cooling), Vipaka (Post-digestive effect): Katu (Pungent), Prabhava (Specific action): Krimighna (anti-parasitic), Raktashodhaka (blood purifier). Giloy (Tinospora cordifolia Rasa): Tikta (Bitter), Kashaya (Astringent), Guna Laghu (Light), Snigdha (Unctuous), Veerya: Ushna (Hot), Vipaka: Madhura (Sweet), Prabhava: Jwaraghna (Antipyretic), Rasayana (Rejuvenator), Tridoshaghna (Balances all three doshas), Immunomodulator. Gandhak (Sulphur) Rasa (Taste) Katu (Pungent), Tikta (Bitter) Guna - Laghu (Light), Snigdha (Unctuous / Oily), Sara (Flowing / Mobile), Veerya Ushna (Hot), Vipaka Katu (Pungent), Prabhava: Uniquely effective in treating a wide variety of skin disorders, including chronic conditions like eczema, psoriasis, acne, scabies, and fungal infections]. [28,29,30]. **Triphala** [31] **Amla**: Rasa: Predominantly Amla (Sour), Madhura (Sweet), Katu (Pungent), Tikta (Bitter), Kashaya (Astringent): Guna Laghu (Light), Ruksha (Dry), Sheeta (Cool). Veerya: Sheeta (Cooling). Vipaka: Madhura (Sweet). Prabhava: Rasayana (Rejuvenator) – promotes longevity, enhances immunity, and supports overall wellness, Chakshushya – improves eye health, Tridoshaghna – balances Vata, Pitta, and Kapha. Haritaki: Rasa: All five tastes except Lavana (Salty), Kashaya (Astringent) – predominant Madhura (Sweet), Amla (Sour), Tikta (Bitter), Katu (Pungent). Guna Laghu (Light), Ruksha (Dry), Sara (Flow-inducing promotes movement). Veerya (Potency): Ushna (Hot). This hot potency helps stimulate digestion and remove Ama (toxins), especially beneficial in Kapha and Vata disorders. Vipaka: Madhura (Sweet), Bibhitaki: Rasa: Kashaya (Astringent), Tikta (Bitter), Madhura (Sweet) Guna: Ruksha (Dry), Laghu (Light), Veerya (Potency): Ushna (Hot), Vipaka: Madhura (Sweet). In this case, the patient followed all of these and she got significant relief Complaints like Kandu (Itching), Kinkara Sparsha (Roughness of Skin), Khandit Nidra (Disturbed sleep due to itching and burning sensation), *Shyava* (Blackish patchy skin discoloration) and *Rookshata* (Dryness) were almost eliminated. This case study highlights the potential benefits of Ayurvedic therapy for managing Ekkustha (Psoriasis). Ayurvedic treatments offer a more accessible, cost-effective approach, addressing underlying imbalances. Further research is needed to confirm the effectiveness, safety and reliability of Ayurvedic treatments in Ekkushtha (Psoriasis) management.

# **Prime Ingredients of Prescribed Drugs:**

- a. **DR. Shuddhi Powder** *Triphala Churna* <sup>[31]</sup> is used to promote removal of toxins *Amapachana* (removal of toxins), enhance *Agnideepan* (digestive fire) <sup>[32]</sup>, and regulate the movement of *Vata*.
- b. **DR Immune Table** *Triphala Churna* <sup>[31]</sup> is used to promote *Amapachana* (digestion of toxins), enhance *Agnideepana* (digestive fire), and regulate the movement of *Vata*, *Giloy* (*Guduchi*) <sup>[29]</sup> *Giloy* is effective in alleviating the symptoms of skin disorder, such as *Daha* (burning sensation) and *Kandu* (itching), and also shows positive effects on hematological parameters.

- c. **Syrup Blood Purifier** *Khadiraristha* <sup>[31]</sup> is also recognized for its anti-inflammatory and antioxidant properties. *Manjishthadi Kwath* <sup>[26]</sup> cleans the complete blood by removing toxic substance such as *Ama*.
- d. **Skin Cure Capsule** *Khadiraristha* <sup>[31]</sup> is also recognized for its anti-inflammatory and antioxidant properties *Giloy* (*Guduchi*) <sup>[30]</sup> It is effective in alleviating the symptoms of skin disorder, such as *Daha* (burning sensation) and *Kandu* (itching), and also shows positive effects on hematological parameters. *Gandhak* (Sulpur) <sup>[29]</sup> enhance *Deepan, Pachan*, detoxification, provides strength, rejuvenation of cells, and antimicrobial properties.
- e. **Psoro Tablet** *Gandhak* (Sulphur) [30] enhance *Deepan*, *Pachan*, detoxification, provides strength, rejuvenation of cells, and antimicrobial properties. *Neem* (*Azadirachta indica*)[28], Antimicrobial and anti-inflammatory properties.
- f. **Psoro Oil** *Karanj* (*Pongamia glabra*) <sup>[32]</sup>, helps in removal of dryness from skin, removal of itching and patch healing *Neem* (*Azadirachta indica*) <sup>[28]</sup>, Antimicrobial and anti-inflammatory properties.

# Discussion on Panchkarma

# Snehan and Swedan<sup>[15]</sup>

- Snehan with warm oil stimulates vasodilation, enhancing blood flow and lymphatic drainage, reduces muscle spasms and tension, reduces inflammation increases lubrication reduces cortisol level and stress, and enhances antioxidant activity.
- Sarwang Swedan stimulates sweat glands, promoting detoxification.
- Snehan balances Vata and Pitta Doshas and reduces toxic accumulations (Aam)
- Sarwang Swedan nourishes and revitalizes, leading to Prana (vitality) enhancement.

# GhritaPan

GhritaPan is considered altering for all three Doshas—Vata, Pitta and Kapha. It highlights a lighting and setting-up effect on Vata, a cooling effect on Pitta, and a promoting effect on healthy Kapha. The Purvkarma (before therapy procedure) protocol for Panchkarma includes Ama Pachan, a Snehan, Swedan, and Ghrit Pan. These preparations detach and melt the toxins, Srotas (declog the channels), and mobilizes the loosened toxins into to the Gastrointestinal Tract for easy expulsion [33]

# Virechan

- Malapaham (Removes body Waste). Rogaharam (Cures diseases). Enhances Bala (strength) and Varna
  (complexion). Leads to a long and healthy life. Helps eliminate diseases. Promotes physical strength.
  Improves skin tone and complexion. [16,34]
- Trivritt and Castor oil increase peristaltic movements and by softens stools. All the toxin were removed
  out of the body.
- Although *Agni* (digestive fire) is initially weakened due to Toxins been expelled from the body, it gradually regains strength through *Sansarjan Karma*. As *Agni* improves, it enhances *Bala* (overall strength), nourishes all the *Dhatus* (body tissues), and leads to the proper formation of *Ojas* (vital energy), which strengthens the body's ability to resist diseases.

# Sansarjan Karma

After Sanshodhan Karma, Agni (digestive fire) becomes Manda (dull or weakened)."[17] To enhance the Agni and to restore the normal Prakriti of patient, particular Aahar Karma (Special diet protocol) should be followed.

# NEED FOR FURTURE RESEARCH

This study focused on a *Charma Rog*, yielding promising results. However, due to the small sample size, further research with randomized controlled trials and larger cohorts is needed to confirm the safety, efficacy and reliability of *Ayurvedic* treatments, helping to establish standardized therapeutic guidelines.

# **CONCLUSION**

This case study evaluating the treatment of *Ekkushtha* (Psoriasis) (*Charma rog*) through *Ayurvedic* interventions yields the following findings:

**Complaints:** Upon the first visit, the patient presented with Psoriatic Patch on both feet with some localized complaints *Kandu* (Itching at localized area), *Kinkara Sparsha* (Roughness of Skin), *Khandit Nidra* (Disturbed sleep due to itching and burning sensation), *Shyava* (Blackish patchy skin discoloration), and *Rookshata* (Dryness). After *Ayurvedic* treatment, significant improvements were observed. The patient reported relief from all complains, and the patch also seems to be healed, and with no new symptoms emerging, suggesting a marked improvement in overall health.

**Vision:** There was a notable reduction in Psoriatic Patch.

In summary, *Ayurvedic* therapies for *Ekkushtha* (Psoriasis) (*Charma rog*) showed promising results, including reduction & relief in complaints and size of the Psoriatic Patch. The *Ayurvedic* treatments appears to alleviate *Ekkushtha* (Psoriasis) (*Charma Rog*) symptoms and improve overall health.

# REFERENCES

- 1. Mahajan K, Sharma A, Joshi S. A case study on Ek-Kustha (psoriasis) Ayurvedic management. AYUSHDHARA. 2024;11(2):86–89. doi:10.47070/ayushdhara.v11i2.1459.
- 2. Menter A, Gottlieb A, Feldman SR, Van Voorhees AS, Leonardi CL, Gordon KB, et al. Guidelines of care for the management of psoriasis and psoriatic arthritis. J Am Acad Dermatol. 2008;58(5):826–850.
- 3. Kimball AB, Gladman D, Gelfand JM, Gordon K, Horn EJ, Korman NJ, et al. National Psoriasis Foundation clinical consensus on psoriasis comorbidities and recommendations for screening. J Am Acad Dermatol. 2008;58(6):1031–1042.
- 4. Kurd SK, Troxel AB, Crits-Christoph P, Gelfand JM. The risk of depression, anxiety, and suicidality in patients with psoriasis: a population-based cohort study. Arch Dermatol. 2010;146(8):891–895.
- 5. Kerdel F, Zaiac M. An evolution in switching therapy for psoriasis patients who fail to meet treatment goals. Dermatol Ther. 2015;28:390–403.
- 6. Moon R, Diggavi M. Ayurvedic understanding of pathogenesis of Psoriasis in general. J Ayurveda Integr Med Sci. 2023 Dec 9;8(10):143–8.
- 7. Charaka. Charaka Samhitā, Chikitsa Sthāna. In: Shukla V, Tripathi RD, editors. Chapter 7. Delhi: Chaukhambha Sanskrit Pratishthan; p. 187.
- 8. Charaka. Charaka Samhitā, Kalpa Sthāna. In: Shukla V, Tripathi RD, editors. Chapter 1. Delhi: Chaukhambha Sanskrit Pratishthan; p. 805.
- 9. Charaka Saṃhitā, Sutra Sthāna. In: Shukla V, Tripathi RD, editors. Chapter 15. Delhi: Chaukhambha Sanskrit Pratishthan; p. 246.
- 10. Chowdhury BR. World's Best: The D.I.P. Diet. Haryana: Dr. Biswaroop Roy Chowdhury; 2024.
- 11. Charaka. Charaka Saṃhitā, Chikitsa Sthāna. In: Shukla V, Tripathi RD, editors. Chapter 7. Delhi: Chaukhambha Sanskrit Pratishthan; p. 192.
- 12. Vagbhata. Astanga Hridayam, Sutra Sthāna. In: Tripathi B, editor. Adhyaya 2, Shloka 1. Nirmala Hindi Commentary. Delhi: Chaukhambha Sanskrit Pratishthan.
- 13. Vagbhata. Astanga Hridayam, Sutra Sthāna. In: Tripathi B, editor. Adhyaya 2, Shloka 11. Nirmala Hindi Commentary. Delhi: Chaukhambha Sanskrit Pratishthan.

- 14. Sharma S, Vedpathak S, Kumar V, Patidar A. Review article on Sarvang Abhyanga and Swedan. Int Res J Ayurveda Yoga. 2022;5(5):144–147. doi:10.47223/IRJAY.2022.552.
- 15. Nayaka DHV, Kanthi M, Rao N. Review on Samsarjana Krama in Diseases. J Ayurveda Integr Med Sci. 2023;8(2):141–145
- 16. Charaka. Charaka Saṃhitā, Sutra Sthāna, Chapter 25, Shloka 40. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 338.
- 17. Charaka. Charaka Saṃhitā, Chikitsa Sthāna, Chapter 7, Shloka 21. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 184.
- 18. Hepat A, Chakole S, Rannaware A. Psychological Well-Being of Adult Psoriasis Patients: A Narrative Review. Cureus. 2023 Apr 17; 15(4):e37702. doi:10.7759/cureus.37702.
- 19. Singh R, Garg I, Sahu VP, Yadav S. Role of Ayurveda in Management of Ekakushtha w.s.r. to Psoriasis: A Case Study. J Ayurveda Integr Med Sci. 2023;8(7):257–262.
- 20. Charaka. Charaka Saṃhitā, Chikitsa Sthāna, Chapter 7, Shlokas 9–10. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 182.
- 21. Charaka. Charaka Saṃhitā, Sharira Sthāna, Chapter 7, Shlokas 39–41. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 764.
- 22. Charaka. Charaka Samhita, Chikitsa Sthana, Chapter 7, Shloka 12. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 182.
- 23. Charaka. Charaka Samhitā, Chikitsa Sthāna, Chapter 7, Shlokas 39–41. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 186.
- 24. Flores-Balderas X, Peña-Peña M, Rada KM, Alvarez-Alvarez YQ, Guzmán-Martín CA, Sánchez-Gloria JL, et al. Beneficial Effects of Plant-Based Diets on Skin Health and Inflammatory Skin Diseases. Nutrients. 2023;15(13):2842. doi:10.3390/nu15132842.
- 25. Charaka. Charaka Samhitā, Sutra Sthāna, Chapter 5, Shloka 3. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 81.
- 26. Sawada Y, Saito-Sasaki N, Mashima E, Nakamura M. Daily Lifestyle and Inflammatory Skin Diseases. Int J Mol Sci. 2021;22(10):5204. doi:10.3390/ijms22105204.
- 27. Gopinath H, Karthikeyan K. Neem in Dermatology: Shedding Light on the Traditional Panacea. Indian J Dermatol. 2021;66(6):706. doi:10.4103/ijd.ijd\_562\_21.
- 28. Borse S, Rathi R, Khatri AN. Complete Resolution of Plantar Psoriasis With Ayurveda: A Case Report. Altern Ther Health Med. 2024;30(11).
- 29. Dev AS, Mini VG, Sangeetha VS. Effect of Shodhana and Gandhaka Rasayana in Psoriasis: A Case Study. Int J Ayurveda Pharm Res. 2023;11(5):81–85. doi:10.47070/ijapr.v11i5.2816.
- 30. Archana, Kumari, Singh KK. Management of Chronic Plaque Psoriasis with Ayurveda Therapeutic Regimen: A Case Report. J Res Ayurvedic Sci. 2024;8(5):239–245. doi:10.4103/jras.jras\_5\_24.

- 31. Ancheril IJ, Bharati AK, Sailekha P, Niveditha PN, Ittoop D. A Clinical Study on the Efficacy of Karanja Beeja Taila Along with Dooshivishari Agada in the Management of Psoriasis. Glob J Res Med Plants Indigen Med. 2015;4(8):162–171.
- 32. Charaka. Charaka Saṃhitā, Siddhi Sthāna, Chapter 1, Shlokas 7–9. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 876.
- 33. Chaudhary G, Manish A, Richa, Kaur N. Successful Ayurvedic Management of Chronic Psoriasis (Ekakushtha): A Case Report. J Ayurveda Integr Med Sci. 2024;9(12):254–265. doi:10.21760/jaims.9.12.34.
- 34. Charaka. Charaka Saṃhitā, Sutra Sthāna, Chapter 15, Shloka 22. In: Shukla V, Tripathi RD, editors. Delhi: Chaukhambha Sanskrit Pratishthan; p. 247.

