

Efficacy of Chakramard Beej Cream In Dadru (Tinea)

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Date of Submission: 04-07-2023

Date of Acceptance: 16-07-2023

ABSTRACT

Skin is important, most visible and largest organ of human body affected by fungal infections .Dadru is one of the most common dermatological condition encountered in clinical practice. However in todays era around 30%-35% of patients suffer from skin disease and fungal infection constitute around 30% Dermatophytosis is extremely common in india due to tropical climate. There are 18 types of kushta described in ayurved Dadru is one of them. There is no separate mention of nidan, purvaroop, samprapti of dadru but samanya nidan ,purvaroop mentioned for kushta can be considered here. Dadru is raktapradoshaj vyadhi and dominance of kapha and pitta dosha. Chakramard has katu rasa, laghu, ruksha guna, kapha vathara, varnya, vranaropan and kushtagna properties. Current study include 30 patients from opd of SVNHT , Ayurved Mahavidyalay , Rahuri ,Ahemadnagar, Maharashtra . diagnosed to have dadru kushta based on signs and symptoms. Therpeutic effect have been analysed before ,in between and after treatment .A present study denoted that a 40 yr female patient was apperantly healthy before 3 months, she gradually develops itching sensation multiple papuloerythematous lesion with sharp border and central cleared round blackish colour big patches over abdominal region Later it spreads over thigh ,genital and buttocks region associated with sleepiness, treated with chakramard beej cream for local application for 1 month. Improvement were noted in symptoms of itching redness, vesicular patches. Hence application of chakramard beej cream is an effective treatment in the management of dadru kushta.

KEYWORDS: Dadru kushta Dermatophysis, Chakramard beej cream Kushtagna property

I. INTRODUCTION

Skin is a protective organ and vital sense of our body. It executes various physiological functions and it also prevents invading pathogens. Skin and its appendages are most visible part of our

body and any skin disease will create an emotional concern for an individual. Dadru is variety of kushta with rasa, rakta and mansadhatu involvement. It include clinical features like kandu,raga,pidika twak rukshata which exhibit involvement of kapha and pitta. Acharya Vagbhat especially mentioned dadru as a Anusangika. Its etiology include aharaja, viharaja, upsargaja, and krumij factors Chakramard possess katu rasa, laghu, ruksha guna, kapha vatahar, varnya, vishagna, vranaropan and kushtagna properties. The drug chakramard is indicated in dadru, kushta varnya vishaghna, vranaropana and kushta properties .In modern dermatology, Dadru can be referred to as Ringworm/Tinea. Tinea is a Latin word for worm. The infections were originally thought to be caused by worm like parasites. Commonly the infection types are named with respect to the affected body parts Tinea corporis or Ring worm (general skin), Tinea Cruris or Jock itch (groin), Tinea onchomycosis (nails), Tinea capitis (ring worm of scalp). Fungal infection of the skin and nails is a commom global problem. The high prevalence of superficial mycotic infections shows that 30%-35% of the worlds population has skin mycoses, making these one of the most frequent forms of infection. Local socio-economic kushta & varnya conditions and cultural practices can also influence the prevalence of a particular infection in a given area. Treatment of tinea depends upon the severity of infection.

II. MATERIAL AND METHOD

Study design and Patient selection It is a single group ,observational clinical study with pre and post test design conducted on 30 patients attending OPD and IPD of SVNHT Ayurved Mahavidyalay , Rahuri Ahmad nagar , Mharashtra .

An elaborative case taking performa was specially designed for the purpose of incorporating all aspects of the disease on ayurvedic parlance.

Informed consent was taken from the patient before including them in the trial.

Inclusion Criteria

1. Subjects of either gender
2. Subjects of more than 18 yrs of the age.
3. Subjects presenting either any all classical signs and symptoms of Dadru like itching (kandu) Erythema(raga), Papules (pidika), Dryness (twak Rukshata) .

Exclusion Criteria

1. Subjects having any acute systemic illness, uncontrolled DM, (HBA1C >7.5) etc
2. Subjects having skin disorder other than Dadru.
3. K/C/O immunocompromising conditions or on immunosuppressive drugs.

Trial Drug

Chakramard Beej Cream

Dravya Chakramard

Latin Name – Cassia Tora

Part – Seed

Preparation of [cream] lepa

Desired quantity of Chakramard beej Cream depending on size of lesion will be applied over affected area . The thickness of doshagn lepa should be 1/4th angula (Angula is about 2 cm thick) according to sharangdhar samhita .

Application –Local (Desired quantity of chakramard beej cream)

Time - 30 minutes

Duration – 1 Month

Follow up –Once a week for 6 week.

III. DISSCUSSION

The basic principles of hetu of Dadru have been mentioned in Brihatrayi and Laghutrayi in the Kustha Nidana. Most of the Apathya Ahara Vihara mentioned in Ayurveda for causes of Kushtha, produces the healthy environment for the growth of fungal infection in the skin tissues. In modern science the clinical manifestation of Dadru is closely similar to Tinea infection which is caused by contact with diseased person, the weak immune system, poor nutrition, stress, obesity and contact with contagious things etc. These are the risk factor for Tinea infection. Severe itching and Red patches are the common clinical manifestations described in Ayurvedic texts, which can be evaluated by Darshana and Prashana pareeksha. Most of the Acharayas has mentioned predominance of Pitta-Kapha dosha in Dadru except Acharya Sushruta, who has considered Kapha predominance in Dadru. Tvak, Rakta, Lasika and Ambu these are the Dushyas described in Ayurveda along with Raktavaha Srotasa Dushti. In this present case study, Highly significant result was observed in the

symptoms of kandu, raga mandal and pidikas. Kandu is produced by the vitiated Kaphadosha. katu, tikta, kasaya rasa Kandughna, Kustaghna Kaphashamaka, chakramarda, which helps to reduce in the symptom. Raga is resultant of Pitta Prakopa. sheet, madhur, tikta rasa, and properties like raktashodhak, raktaprasadak . chakramardbeej causes pittashaman and helps to reduce in the symptom of raga. Pidika are produced due to the Kapha Pitta Pradhana Tridosha. In this present case study it was observed that, due to decreased in the symptom of kandu, raga, pidika patient.

IV. CONCLUSION

The results suggested that Chakramard beej Cream showed significant result after treatment in Kandu, color of mandala, number of pidika, number of mandala variables and the efficacy of the treatment was highly significant even during follow up. In this case study patient completed the full course of treatment without any adverse reaction to drug. Hence it can be suggested that Chakramard beej cream can be used in the patients suffering from Dadru Kushta .

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