EFFECT OF A HERBO-MINERAL FORMULATION IN SCABIES - A CASE STUDY

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ABSTRACT
Scabies is a skin disorder caused by infestation of the mite *sarcoptes scabiei* of the order *Acarina* and class *Arachnida*. This disease spread mainly through contact with the person affected by it. It is also by sharing contaminated towels, cloths, bed linen etc and any other things. It affects the person who consumes excess of salt and sour food items. The formulation showed significant effect on subjective parameters; when used for 15 days regularly. There was no side effect in present case.

KEYWORDS: *sarcoptes scabiei, Acarina, Arachnida.*

INTRODUCTION
Scabies is common contagious infestation among children and the persons work with soil and dirty things. It is due to a pathogenic organism mite *sarcoptes scabiei*.\(^1\) It is one of the most common causes of itching dermatoses throughout the world infesting some 300 million people each year.\(^2\) In India it accounts for 2% of all dermatological diseases and affect both gender, all age group.\(^3\) It is also endemic in our country. It is characterized by nocturnal itching and bilateral lesions found on webs and finger sides. Multiple small erythematous and often excoriated papules presented at affected site. The characteristic features including itching, secondary eczematisation may occur elsewhere on the body but the face and scalp are never involved except infants.\(^4\)

Case report
A 22 year old male presented with the symptoms; itching, small but excoriated papules, pustules on webs and side of fingers. He was having burrows in the form of short, wavy and dirty appearing lines. No history of Diabetes or any other major illness was present. Routine
investigations done before and after treatment. The patient was advised to apply lepa (cream) on affected site twice daily after taking bath. The duration of treatment was 15 days and the follow up after one week.

**Advised treatment**

**A. Composition of lepam**

1. *Gandhak* 12
2. *Tuttha* 12
3. *Kampillak* 12
4. *Nimba tvak* 12
5. *Aargvadh* leaf 12
6. *Ghee* 48g

**B.** Patient was also advised to drink plenty of water and avoid curd, butter, Chocolate and sour taste materials.

**RESULTS AND DISCUSSION**

There was significant improvement in subjective parameters of scabies. Itching might be due to dryness which relieved by emollient effect of ghee. The improvement in other symptoms like excoriated papules and pustules might be due to combined effect of *gandhak, tuttha, kampillaka, Nimba* and *aragvadha* leaf. *Gandhak* and *Nimba* are proven antibacterial and anti fungal drugs clinically.[5]

**CONCLUSION**

From the above discussion it can be concluded that the herbo-minnral *lepam* was found effective and safe in case of scabies. The overall effect of combination can be attributed to cicatrizant, soothing, detergent, anti septic and anti microbial action of drugs. However, studies with big sample size should be carried out at advanced level.

**REFERENCE**

