

**PAEDERUS DERMATITIS****Dermatology****Dr Ankur Sharma** MD Dermatology Regional Hospital Bilaspur (H.P.) 174001**Dr Ravinder Singh
Thakur*** MS Surgery Regional Hospital Bilaspur(H.P) 174001 *Corresponding Author**ABSTRACT**

Paederus dermatitis is a type of irritant contact dermatitis which is characterised by linear sudden onset of erythematous and sometimes vesicular lesions on skin. The disease is caused by an insect where accidental crushing of the insect over the skin causes the release of a fluid which is vesicant in nature.

KEYWORDS**Case Report**

A 26 years-old male who was doing engineering presented to us with history of sudden onset itchy lesions over his left shoulder since last 3 days. Patient noticed those lesions in the morning. On examination there were 2 to 3 linear erythematous lesions were present. One of the lesions was bullous. Patient also gave history of similar lesions in his batchmates from last year. On the basis of history and clinical examination, we made the diagnosis of Paederus dermatitis. Patient was advised to wash the lesion with soap and water followed by the application of topical steroids. For itching he was given antihistaminics. On follow up visit after 3 days, there was marked improvement of the lesion. Bullous lesions have been dried up. Patient was advised to keep doors closed to reduce entry of the beetles inside and to use a net which can be tied under lights to prevent insect falling on humans

DISCUSSION

Paederus beetles are nocturnal and attracted by lights, as a result they come into contact with humans accidentally. The fluid which is released on crushing the lesion contains paederin which is largely confined to adult female beetles. The lesions are erythematous may be linear, giving a whiplash appearance. The signs appear after 24 to 48 hours of crushing the insect over the skin. Hence patients should be advised not to crush the lesion on skin and remove that with a piece of paper. Complications include Post inflammatory hyperpigmentation and secondary bacterial infections.

CONCLUSION

Paederus dermatitis is a common condition. So general public awareness about the beetles which includes recognising the insect and its handling can decrease the skin exposure to the haemolymph of beetle.

Acknowledgement

We would like to thank patient who agreed to have his case reported

Declaration of patient consent

We certify that we have obtained patient consent. Patient have given consent for images and other clinical information to be reported in the journal. The patient understands that their name and initials will not be published and due efforts will be made to conceal their identity, but anonymity can not be guaranteed.

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Nil

Conflicts of interest

Nil

REFERENCES

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