

## **Research No.(5): Single Author**

### **Oral Ivermectin as a therapeutic agent in patients with scabies.**

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#### **Abstract**

Objective: To evaluate oral Ivermectin as a therapeutic agent to ordinary scabies. Methodology: Random sample of 50 cases of ordinary scabies was treated with two oral doses of Ivermectin, 200µg/kg one week apart. The effect of drug was monitored clinically, by complete blood count, and confirmed Parasitologically, at the time of clinical presentation and at week 4 of starting treatment. ELISA and Immunoblotting using *Sarcoptes scabiei* crude mite extract were applied to determine the levels of specific IgG and IgE in patients' sera in comparison with 50 controls.

Results: The reported cure rate was 100%. However, 8% of cases continued to have persistent itching, accompanying eosionophilia and high IgE levels. .

Conclusion: Ivermectin proved to be effective and promising drug for treatment of ordinary scabies. (Rawal Med J 2013;38:127-130).