# FROM RELIEF TO RISK : Stevens-Johnson Syndrome due to Diclofenac, a common pain relieving drug

### INTRODUCTION

Stevens-Johnson Syndrome (SJS) is one of the rarest conditions, most often occurring as an adverse drug reaction (ADR), with food additives, fumigants, and acute graft-versus-host reactions being exceptionally rare causes. Medications commonly implicated in SJS include anti-tubercular, anticonvulsant, and antiretroviral drugs. Reports of SJS following the use of nonsteroidal anti-inflammatory drugs (NSAIDs) such as diclofenac are exceedingly uncommon. The condition is characterized by rashes, blisters, and skin peeling, particularly affecting the mucous membranes of the eyes, mouth, and genitalia. SJS and Toxic Epidermal Necrolysis (TEN) are closely related conditions, distinguished primarily by the extent of body surface involvement. SJS is diagnosed when less than 10% of the body is affected, while TEN involves more than 30%. When 10% to 30% of the body surface is affected, the condition is classified as 'SJS-TEN overlap'.

## CASE REPORT

- . A seventeen year old girl received treatment for her back pain, which was sudden in onset and severe in nature, at a local hospital for which she received inj. Diclofenac 2cc, intramuscularly.
- · Within a few hours, she developed lesions on her chest, progressing to her abdomen, genitals, face, oral cavity and peripheral extremities in the mentioned sequential order.
- There were multiple, discrete, flaccid vesicles and bullae discretely spread all over her chest, abdomen, genitals, face, oral cavity and and peripheral extremities. Few of the vesicles and bullae were deroofed.

### **INVESTIGATIONS**

- . Pseudo-Nikolsky sign: Positive, the dermis and epidermis are visibly separated when lateral pressure is applied.
- Complete blood count: TLC and AEC raised
- Urine routine: Blood in Urine
- Tzank smear: Leukocytes, Necrotic Keratinocytes, and Fibroblasts
- No acantholytic cells found.







- treatment.

