



ADVERSE DRUG REACTIONS, INCLUDING SJS, TEN

ACUTE GENERALIZED EXANTHEMATOUS PUSTULOSIS (AGEP): CASE REPORT ON CEFTRIAXONE ADVERSE EMERGENCY ANTIBIOTIC REACTION

J Tamayo⁽¹⁾

Mary Johnston Hospital, Hospital, Tondo, Manila, Philippines⁽¹⁾

Background: Acute generalized exanthematous pustulosis (AGEP) is a rare cutaneous reaction which progresses with multiple pustular lesions on erythematous and edematous surface with a systemic fever. Clinically AGEP is characterized by a large areas of erythema with sterile pustules, body temperature over 38°C and neutrophilia (>5,000/mL).

It could be differentiated from other pustular eruptions like pustular psoriasis using the scoring system taken from the European Study of Severe Cutaneous Adverse Reactions (Euro SCAR) study. Acute Generalized Exanthematous Pustulosis (AGEP) is an unusual cutaneous side effect. It has been reported to occur in antibiotics, mainly β -lactams and macrolides.

Observation: A 69 year old female and a 21 year old male was admitted at our institution due to Pneumonia Moderate Risk. Ceftriaxone 2gms OD was started. Within 48 hours both developed numerous pin point pustular lesions. Repeat CBC was conducted showing an increase Leukocytosis and Neutrophilia compared to base line. Ceftriaxone was discontinued on both and regression of erythema and pustules was noted after 48 hours.

Key Message: The cases reported is a rare presentation of AGEP following the administration of Ceftriaxone, discontinuation of the suspected causative agent resulted to improvement of the unexpected dermatologic reaction. Early diagnosis is important, that such cases be documented and be reported to prevent unnecessary diagnostics and therapeutic management. Punch biopsy is highly recommended but it is not it is not mandatory to diagnose patients with AGEP. Clinical Correlation of symptoms and presentation can still provide an diagnosis and precise distinction from other dermatologic emergencies. Incidental cases of antibiotic induced drug reaction should be reported for documentation and reference for our colleagues.

