

Ampicillin & Infectious Mononucleosis

Introduction

- Associated with a high frequency of morbilliform rashes
- Maculopapular rashes are seen in 90% with EBV receiving ampicillin.



Mechanism

- Unknown !
- Non-allergic reaction
- Viral infections → increased levels of IL5 → upregulates expression of MHC class II antigens on keratinocytes.
- Drug binds to MHC class II antigens and T cells can recognise the bound drug directly

Management

- Clear spontaneously