Interpreting a Penicillin/Amoxicillin Allergy History Involving the Skin

**What?**
- Bilateral facial swelling (around eyes or mouth)

**When?**
- Within 6 hours of drug administration

This is: Anaphylaxis = SEVERE skin reaction

**What?**
- Skin peeling or blistering  
- Mucosal (eyes, mouth, genital) involvement

**When?**
- After several days of drug administration  
- Patient requires hospitalization

This is: Exfoliative dermatitis = SEVERE skin reaction

**What?**
- “Bull’s-eye” target-shaped rings

**When?**
- After 2—3 days of drug administration

This is: Erythema multiforme = SEVERE skin reaction

**What?**
- Itchy welts (red bumps with white centers, look like early mosquito bites)  
- Can be single or multiple

**When?**
- Within 6 hours of drug administration  
- Bumps disappear after a few hours and new ones may develop

This is: Hives (urticaria) = MODERATE skin reaction

**What?**
- Red dots covering a large area of the body  
- May feel like sandpaper to the touch  
- Usually on the trunk, arms, legs

**When?**
- After 2-3 days of drug administration  
- Most common type of drug rash

This is: Non-urticarial rash = MILD skin reaction

For skin testing, consult Allergy and Immunology.

DEVELOPED BY THE JOHNS HOPKINS HOSPITAL DEPARTMENT OF ANTIMICROBIAL STEWARDSHIP