**Supplementary Table 2: Pre-Set Criteria for Penicillin AR Categorisation based on Risk Level**

|  |  |  |
| --- | --- | --- |
| **Categorisation** | **Criteria** | **Examples** |
| High Risk | Reaction descriptions consistent with a possible immune-mediated mechanism | Anaphylaxis  Angioedema  Bronchoconstriction  Urticaria |
| Reaction descriptions consistent with severe T-cell mediated hypersensitivity reactions | Serum sickness  Drug rash with eosinophilia and systemic symptoms  Stevens-Johnson syndrome  Toxic epidermal necrolysis |
| Low Risk | Reaction descriptions without features of IgE-mediated hypersensitivity | Rash without urticaria  Delayed onset reaction |
| Unclassifiable | Unable to make a determination | Unknown reaction  No reaction type documented |