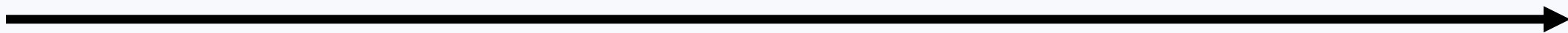


# Current Process



**HEALTH RECORD**  
Allergy: Penicillin  
Reaction: Rash



↑ Antibiotic resistance  
↑ Side effects



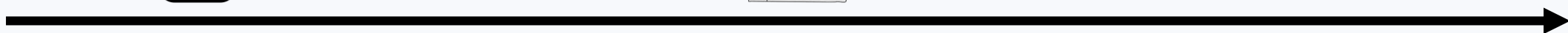
Clinical Notes

**HEALTH RECORD**  
Allergy: Penicillin  
Reaction: Rash  
History: 7 days of Amoxicillin on 01/01/21



↓ Antibiotic resistance  
↓ Side effects

Medication History



# Natural-Language Processing-Assisted Process