





# Pharmacokinetics and pharmacodynamics – factors to consider for STI treatment

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## Today

- Terminology – key pharmacokinetic/pharmacodynamic measures
- Factors affecting AUC or  $C_{max}$
- Minimal inhibitory concentration (MIC)
- Local site effects including:
  - protein binding
  - site of infection – urogenital, ano-rectal, oropharyngeal
  - intra versus extracellular
  - pH
- Research needed - oropharyngeal STIs



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