CLSI VAST Update

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Active VAST Working Groups

- Aquaculture WG
- Bovine Mastitis Interpretive Criteria WG
- Education WG
- Editorial/Breakpoint Tables WG
- ECV-AMR WG
- Generics WG
- PK-PD WG
- Topicals WG
- VET02 WG
- Veterinary Fastidious Media WG
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- Topicals WG
- VET02 WG
- Veterinary Fastidious Media WG
VET01

• Veterinary equivalent to M02 and M07

• DDC appointed in August 2016

• Extensive revision undertaken with laboratory work flow in mind, essentially a 3-in-1 document, standalone chapters describe methods used to perform disk diffusion testing, BMD testing, agar dilution testing

• Projected publication date: 29 June 2018
VET08

• Veterinary equivalent to M100

• Informational supplement to VET01 with the new code VET08

• Future editions projected to be released biennially

• Freely available online version at CLSI.org
  o End of 2016: 1,300 unique visitors and 30,000 page hits
  o End of 2017: 2,300 unique visitors and 53,000 page hits
  o 80% of users from outside the US

• New content adapted from M100 for veterinary application:
  o Instructions for Use of Tables including table with new veterinary-specific breakpoints since 2015
  o Appendix A with unusual phenotypes (adapted from M100, Appendix A)
  o Appendix B with intrinsic resistance (adapted from M100, Appendix B)

• New Appendix E with veterinary-specific breakpoints published since 1999

• Projected publication date: 29 June 2018
VET09
Understanding Antimicrobial Susceptibility Test Data in Veterinary Settings

• A Report with a primary target audience of veterinarians and laboratorians

• DDC formed November 2017

• Representatives from: academia, government, industry, clinical practice

• Project publication: August 2019
VET09
Understanding Antimicrobial Susceptibility Test Data in Veterinary Settings

Chapter 1: Introduction

Chapter 2: Overview of Factors Affecting Antimicrobial Agent Selection in Animals

Chapter 3: Overview of the Antimicrobial Susceptibility Testing Process

Chapter 4: Typical Antimicrobial Susceptibility Test Reports

Chapter 5: Understanding Approved Species-Specific Breakpoints and Limitations to Extrapolating to Other Species
VET09
Understanding Antimicrobial Susceptibility Test Data in Veterinary Settings

Chapter 1: Introduction
(scope, background, terminology)

Chapter 2: Overview of Factors Affecting Antimicrobial Agent Selection in Animals
(general principles of pharmacologic relationships, potential effects of bacterial species similarities and differences on interp. of AST data)

Chapter 3: Overview of Antimicrobial Susceptibility Testing Process
(flow chart #1: sample collection to veterinarian receiving report, flow chart #2: laboratory receipt of sample to reporting of results)

Chapter 4: Typical Antimicrobial Susceptibility Test Reports
(example reports with notes on reading/interpreting reported data)

Chapter 5: Understanding Approved Species-Specific Breakpoints and Limitations to Extrapolating to Other Species
(separate subchapters for dogs, cats, horses, cattle, swine)
Thank You