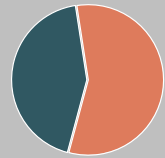


EMPIRIC ANTIBACTERIAL THERAPY AND COMMUNITY-ONSET BACTERIAL CO-INFECTION IN PATIENTS HOSPITALIZED WITH COVID-19: A MULTI-HOSPITAL COHORT STUDY

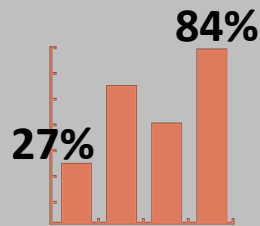


Early Empiric Antibacterial Therapy

Prescribed to 56.6% of Patients



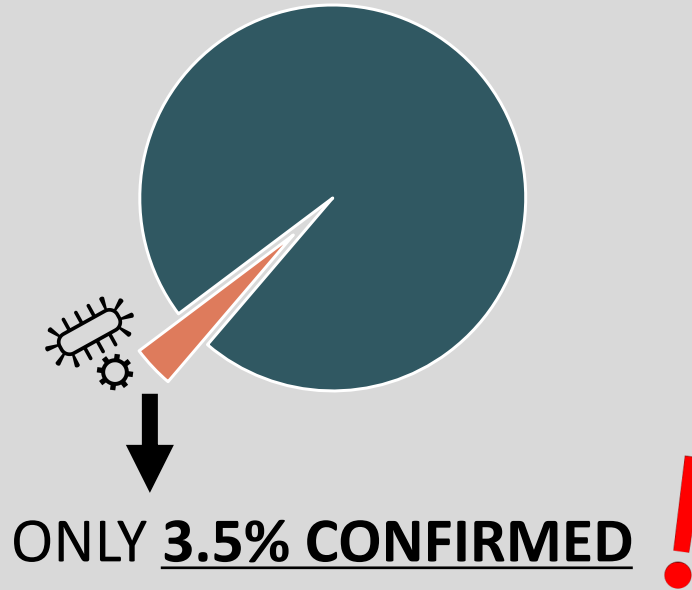
Varied Widely Across Hospitals



Decreased Over Time



Community-onset Bacterial Infections Rare



Stewardship Needed! Considerations:

- ✓ Diagnostic testing very limited
- ✓ Empiric antibacterials linked to long COVID19 turnaround times
- ✓ Procalcitonin $<0.1\text{ng/mL}$ \rightarrow negative predictive value 98.3% for confirmed co-infection

1705 patients hospitalized with COVID-19 in 38 Michigan Hospitals