





Arizona State Office of Rural Health Webinar Series

Today's presentation:

Stopping Superbugs with Telehealth September 19, 2019



Arizona State Office of Rural Health Monthly Webinar Series

Provides technical assistance to rural stakeholders to disseminate research findings, policy updates, best-practices and other rural health issues to statewide rural partners and stakeholders.



Thank you to our partners in delivering this webinar series:





Webinar Tips & Notes



- Audience is muted during the presentation.
- Enter your questions into the chat box.
- Please fill out the post-webinar survey
- Webinar is being recorded
- Recording will be posted on the AzCRH www.crh.arizona.edu/ and SWTRC www.southwesttrc.org/

Stopping Superbugs with Telehealth







DR. KEVIN STEPHAN

DIRECTOR OF STRATEGY & PLANNING

Dual board-certified in Infectious Disease and Internal Medicine

23 years of patient care in the Air Force

Led HIV research program for the military

Long standing commitment to antibiotic stewardship



(eInfectionMD)

Delivering Infectious Disease Treatment Virtually

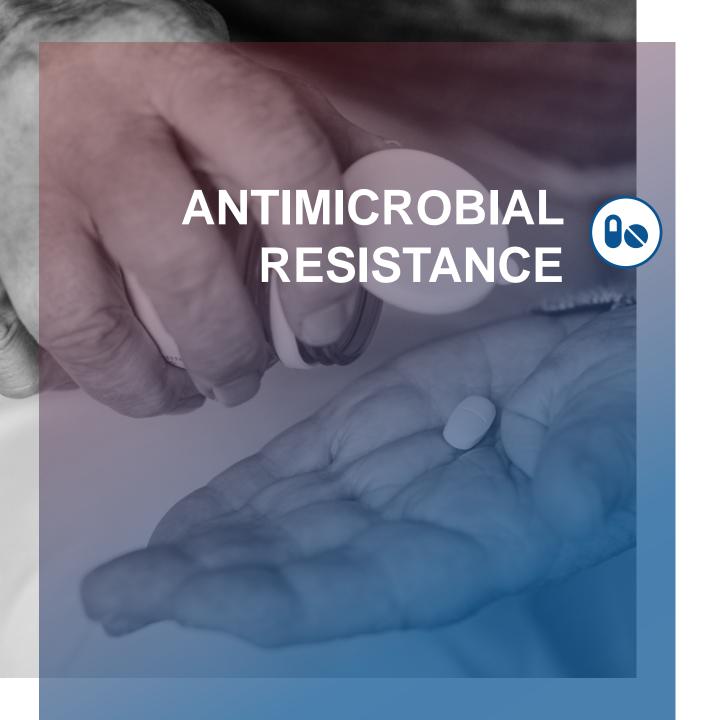
What Are Superbugs?

And what is antimicrobial resistance?









2,000,000 People

Number of antibiotic-resistant infections annually

\$18,588

Estimated cost for in-patient treatment for antibiotic-resistant infection

9 Days

Increased hospital stay due to antibiotic resistance



At Least 30% of Prescribed Antibiotics Are Unnecessary

HOW DO WE FIX THIS?

Infectious Disease Specialists and Clear Processes











\$20,524

SAVED

Amount we saved a SNF with antibiotic interchanges

90%

REDUCTION

In hospitalization due to ability to treat Sepsis inhouse

89%

DECREASE

IV lines were reduced due to antibiotic interchanges from IV to oral

ZERO

CAUTIS

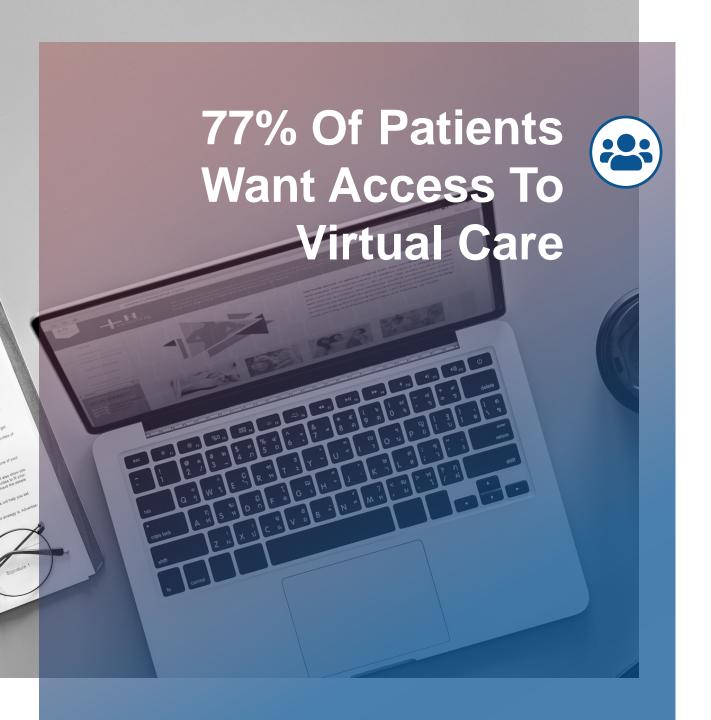
Catheterassociated UTIs were eliminated completely



TELEHEALTH TO THE RESCUE!

Cue the superhero music





Simple Technology

Just need a smartphone or simple laptop with a webcam

Accepted by all Insurances

Including medicare & medicaid

\$0 Cost to Facilities

Specialists bill insurances directly



FULL FACILITY INTEGRATION









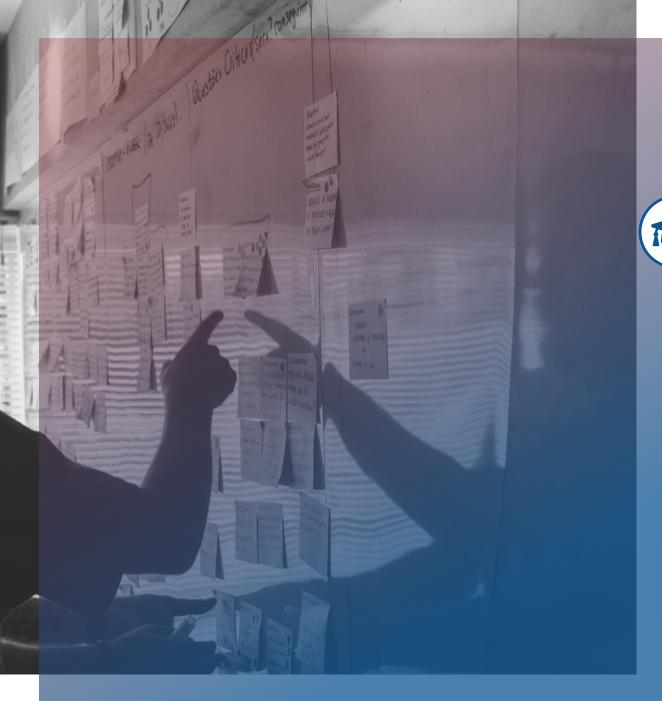




#1 Leadership Commitment

A change in culture requires full commitment and a champion to see it through.







#2 Staff Education

Everyone needs to understand the cause and the intended impact





#3 Admissions Collaboration

Bring in higher acuity patients. Prevent unnecessary antibiotic orders.





#4 Update Testing Protocol

Cut back on needless testing.







Before you prescribe, consult your ID provider.





#6 Treat Patients Virtually

Schedule patient treatment directly with ID providers through video visits.



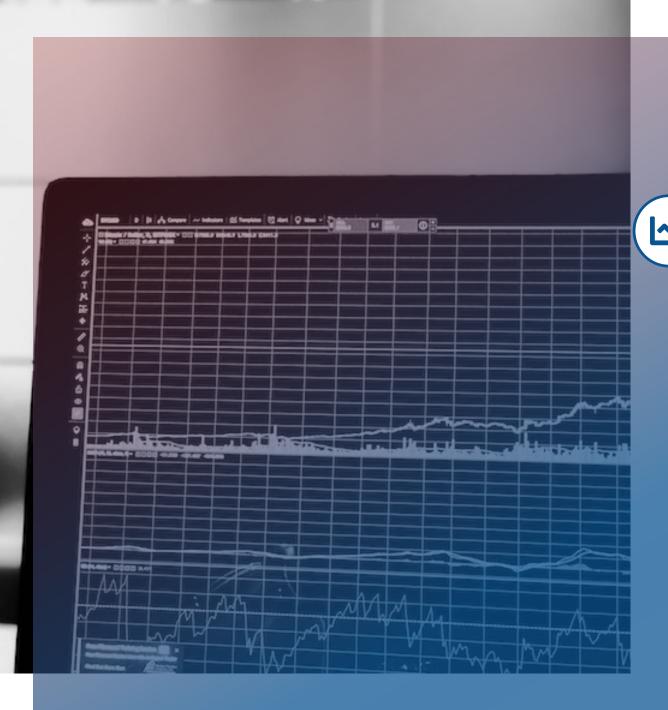




#7 Discharge Follow Up

Schedule virtual ID follow up with the patient to check in on treatment progress.





#8 Monitor, Report,

You can't fix what you don't know is broken

Adjust, Repeat



DOWNLOAD THE GUIDE

www.eInfectionMD.com/teleidguide









Thank you! Be sure to save the date for Upcoming AzCRH Webinars

Arizona Common Ground Krista R. Cardenas, MPH Thursday, October 17th, 2019, 12pm







Your opinion is valuable to us. Please participate in this brief survey:

https://uarizona.co1.qualtrics.com/jfe/form/SV_cHot4w3TKIPqiMd This link will also appear when you exit the Webinar.

Find this and our previous webinars at:

http://www.crh.arizona.edu/programs/sorh/webinars

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