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:

[Logos]
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/
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
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
## Success Can Be Measured

<table>
<thead>
<tr>
<th>$20,524</th>
<th>90%</th>
<th>89%</th>
<th>ZERO</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVED</td>
<td>REDUCTION</td>
<td>DECREASE</td>
<td>CAUTIs</td>
</tr>
<tr>
<td>Amount we saved a SNF with antibiotic interchanges</td>
<td>In hospitalization due to ability to treat Sepsis in-house</td>
<td>IV lines were reduced due to antibiotic interchanges from IV to oral</td>
<td>Catheter-associated UTIs were eliminated completely</td>
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Representative of 60 day period
TELEHEALTH TO THE RESCUE!

Cue the superhero music
77% Of Patients Want Access To Virtual Care

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
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.
#5

Antibiotic Guidance

Before you prescribe, consult your ID provider.
#6 Treat Patients Virtually

Schedule patient treatment directly with ID providers through video visits.
Discharge Follow Up

Schedule virtual ID follow up with the patient to check in on treatment progress.
Monitor, Report, Adjust, Repeat

You can’t fix what you don’t know is broken
DOWNLOAD THE GUIDE

www.eInfectionMD.com/teleidguide
Questions?

www.eInfectionMD.com
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

This webinar is made possible through funding provided by Health Resources and Services Administration, Office for the Advancement of Telehealth (G22RH24749). Arizona State Office of Rural Health is funded granted through a grant from US Department of Health and Human Services. Grant number H95RH00102-25-00
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