

## Laboratory and Surveillance Utah Healthcare Infection Prevention Governance Committee

Date: 8/5/2024

### Attendees:

Abbi Adams, Abby Tate, Alessandro Rossi, Anthony, Ashley Miller, Ashley Young, Bert Lopansri, Camille SCL Va, Chrissy Radloff, Elena Snelten, Janelle Kammerman, Jeanmarie Mayer, Justin Morales, Kimberly Wilderson, Linda Rider, Lisa Evans, Louise Saw, Mark F, Natali Baker, Rhonda Hensley, Stephanie Williams, Troy Thomas

### Agenda Topics:

#### Introductions

1:00–1:05 Justin Morales

#### Action Steps/Plan

1:05–1:25 Dr Rossi/Janelle Kammerman/Ashley Young

#### Situational Awareness

1:30–1:50 Dr Rossi

#### Convene

### Discussion:

#### Introductions - Justin Morales

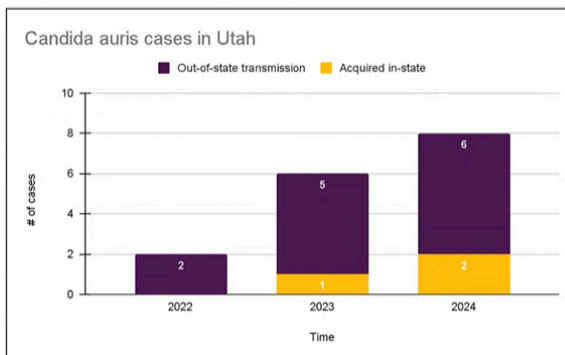
- Welcome
  - Approve Minutes
    - Alessandro approved, Elena seconds
  - Introductions
    - Justin Morales is taking over for Giulia De Vettori

#### Action Steps/Plan - Alessandro Rossi/Janelle Kammerman/Ashley Young

- C. auris awareness in Utah

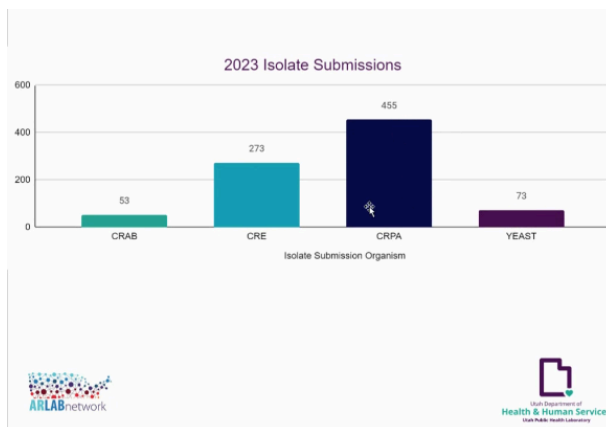
### Situational awareness *Candida auris*

- 16 cases from 2022 to present that tested positive in UT, received care in UT, or are UT residents
- 7 out of 16 cases have passed away, 37.5%
- 8 UT residents, 8 non-UT residents
- 11 cases tested positive in UT



- - Cases by year 2022-24 (in-state vs transfers)

- 8 cases so far this year, 16 cases total since 2022.
- 3 have been acquired in Utah
  - Cases in South West and Utah counties
- Ashley Miller: Did the 7 pass away because of *C. auris*?
  - We haven't looked at the death certificates, but it is likely it contributed.
- Screening: Continuing to ask facilities to screen if you have someone from NV, AZ, or CA especially if they have a vent/trach.
- Which labs have capacity?
  - ARUP and Intermountain are doing in house screening. Anyone doing in house screening?
- UPHL submission video
  - A tutorial video walking through how to utilize the ARLN Lab Web Portal to submit colonization screening for CRAB, CPO, and *C. auris*.
  - <https://epi.utah.gov/wp-content/uploads/ARLN-colonization-screening-LWP-Video.mp4>
  - Makes electronic reporting and tracking easier and faster.
  - This is for specimen swabs for colonization screening, not for isolates. Hoping to be able to do that in the future.
- State MDRO graphs
- UPHL surveillance testing data 2023:
  - We are one of the



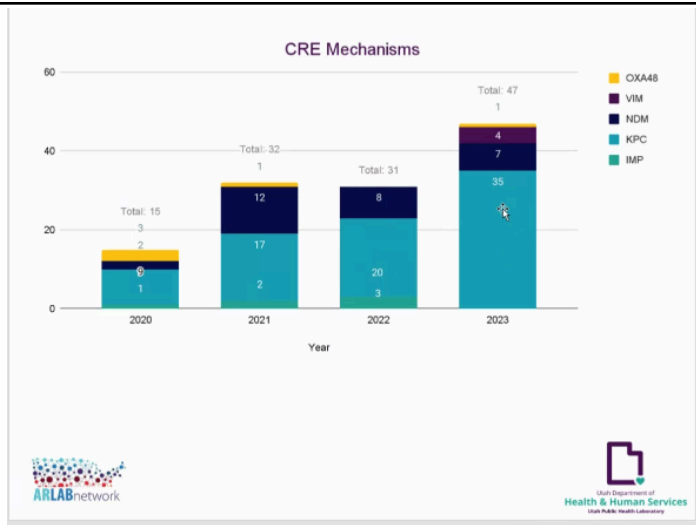
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- We are one of the few states with higher CRPA numbers.

Species	2021	2022	2023
Carbapenem-resistant <i>Acinetobacter</i> spp. (CRAB)	78	66	53
Carbapenem-resistant <i>Pseudomonas aeruginosa</i> (CRPA)	399	553	455
<i>Enterobacter</i> spp.	127	150	105
<i>Escherichia coli</i> ( <i>E. coli</i> )	35	45	30
<i>Klebsiella</i> spp.	64	5	80
Other Enterobacteriales (e.g., <i>Citrobacter</i> spp., <i>Providencia</i> spp., etc.)	31	53	47

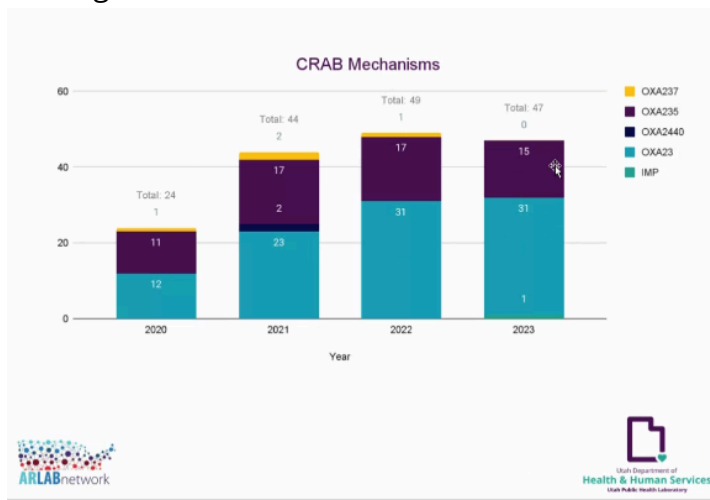
ARLABnetwork

Utah Department of Health & Human Services  
Utah Public Health Laboratory

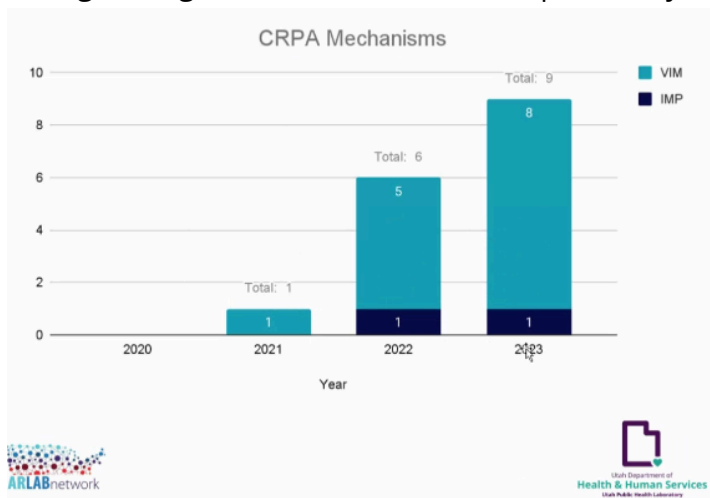
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- CDC algorithm incorporated causing changes to numbers.



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- Starting to see VIM in Enterobacterales



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- Seeing the big 5, which we didn't see in previous year



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- Believe the jump is due to the eye drop VIM cases

## Situational Awareness - Alessandro Rossi

- Changes in funding

## ELC Notice of award and financial impact

- 2 millions in last cycle VS 1.1 millions in the current one
- Affects salaries, supplies and instrument service contracts
- Shortage can be buffered through another CDC grant (SHARP) but situation is challenging
- UPHL was not funded for Dermatophytes surveillance and AR in *Mycoplasma genitalium*



- Huge cut in funding.
  - Affects salaries, supplies, and instruments. We have another grant that will help, but this will still affect our ability to perform.
  - May affect whole genome sequencing
  - Avoidance of duplication testing of isolates
    - Starting to cancel repeat testing from the same source of the same patient within 12 months.
      - We will address interesting cases as needed.
- Surveillance of Dermatophytes surveillance and AR in *Mycoplasma*, we didn't get funding.

## Surveillance and treatment-based AST for new drugs

- *Neisseria gonorrhoeae*: agar dilution characterization of surveillance isolates will now include also doxycycline, zofludacin, ertapenem
- Cefiderocol for CRE, CRPA and CRAB
- Meropenem/vaborbactam for CRE
- Imipenem/relebactam for CRE and CRPA
- Ampicillin/sulbactam and sulbactam/durlobactam for CRAB



- Do both E test and agar dilution for *N. gonorrhoeae*
  - Plan on sticking with the E test
- Maryland, Tennessee, Washington, Texas, and Utah are all doing GC
- New surveillance and treatment-based AST for new drugs isn't live yet, but hope to have it live soon.
- Are doing a screen prior to sequencing
- OXA 2 and OXA 10 can give a false positive of MCIM
- When the CRPA isolates are submitted, does the facility need to report what else the bug is R to?
  - Ideally yes, that would be helpful. HAI group helps us reach out and gain that. It is also included on the form that you submit with the isolate
- Challenges are presented as we are facing budget cuts, but increased specimen testing

requirements continue

#### Additional discussion

- BD bottle shortage
  - Rhonda: BD is allocating bottles to everyone as they are facing difficulties accessing the plastics for the bottles.
    - Have about 3 -4 weeks before we run out of BD culture bottles.
    - We have reduced blood cultures by about 50%. People have responded well to requests to reduce usage.
    - BD will update again in September. They are bringing back manufacturing of one of their glass bottles.
  - Bert: Asked a few weeks ago for conservation of bottles, only seeing about a 15% reduction in utilization. Sent out an email blast and working with team leads directly.
    - See people ordering more than 2 sets in a 24 hour period, will be putting a block on that ability.
    - Dipped into security supply. Getting half of what is ordered at BD.
    - EPIC has helped with slowing down BD usage, Surner system has been a little harder to work with to slow the usage.
  - ASM BC bottle shortage info/guidance:  
<https://asm.org/Guideline/Blood-Culture-Shortages-Management-Diagnostic-Stew>
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#### Next Meeting Discussion/Questions

- Minutes will be posted to the HAI website
  - <https://epi.utah.gov/uhip-governance-minutes/>

Next Meeting: November 4, 2024