Today’s Overview

- Epi updates, HAN 16, and revisit/update regarding testing and response
- Overview of testing programs
- Audience Q&A
COVID-19 Events

- Exposure
- Illness Onset
- Fever Resolution

Quarantine Period
14 days

Isolation Period
10+ days
COVID-19 Staff Considerations

Exposure

Illness Onset

Fever Resolution

Quarantine Period
14 days

Isolation Period
10+ days

Return to work!
COVID-19 Testing Timeline

- **Exposure**
- **Symptom Onset**
- **Quarantine Period**: 14 days
- **Isolation Period**: 10+ days
- **RNA Detected**
- **IgG-positive Antibody Test**

Timeline:
- Weeks Post-Symptom Onset:
  - 1 to 3 weeks
  - 4 to 7 weeks
  - 8 to 10 weeks
  - 11 weeks and beyond

**Important Notes**:
- 14 days Quarantine Period
- 10+ days Isolation Period
What Are Ag Tests?

- The new tests detect “fragments of proteins known as antigens found on or within the virus” and are capable of fast results.
- Higher probability of returning false negative results, so negative antigen tests “may need to be confirmed with a PCR test.”
- Positive results are highly accurate.
- Cost less to manufacture.
- 10 May FDA issued first EUA for antigen test.
Sofia 2 SARS Antigen FIA (Quidel)

- For use in CLIA laboratories and point-of-care patient care settings with a CLIA waiver to detect acute infection
- Sample is NP or AN swab run on the Sofia 2 analyzer
  - In use for flu and strep throat tests in >40,000 clinics/practices
- Results are available in 10 minutes
- Main advantage is potential scale and low cost of manufacture
- Disadvantage is less-than-ideal sensitivity so negative tests in suspected patients need to be followed by PCR testing
COVID-19 Testing Timeline

- Exposure
- Symptom Onset
- RNA Detected
- Ag Detected
- IgG-positive Antibody Test
- Quarantine Period: 14 days
- Isolation Period: 10+ days

Weeks Post-Symptom Onset:
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 1
- 1
- 2
Testing Programs for LTCFs/ALFs

- Point Prevalence Surveys (PPS)
- COVID19 Resident and Staff Sentinel Surveillance Program (CRSSSP)
- Outbreak Response
Testing Programs for LTCFs

- "Baseline testing"
- COVID19 Resident and Staff Sentinel Surveillance Program (CRSSSP)
- Outbreak Response
Testing Programs for LTCFs

"Baseline testing"

Ongoing surveillance

Outbreak Response
Testing Programs for LTCFs

“Baseline testing”

Ongoing surveillance

Case/Cluster Investigation