



CIDT's and Exclusion

David Young
11/3/2017





Agenda

- Exclusion issues
- Individual Case Exclusion rules in South Carolina
- Guidelines for Return
- Exclusion rules in SC during outbreaks
- Guidelines for Return

Exclusion Issues

- Balance mitigating the propagation of disease against the potential hardships created
 - Missing school/work
 - Loss of income
 - Job loss



Individual Case Exclusion Rules in SC

- All diarrheal cases in 5th grade or younger require exclusion
- Diarrheal cases in most lab identified (**culture or CIDT**) GI disease cases in 12th grade or younger require exclusion
- Diarrheal cases in most lab identified (**culture or CIDT**) GI disease cases require exclusion of staff in high risk job settings (e.g. out-of-home childcare, a food handler or an employee with direct patient care)
- Minimum exclusion is 24 hours diarrhea free

Guidelines for return – Single case

- *Shigella*
 - One negative culture or CIDT in a child at kindergarten level or below
 - One negative culture or CIDT in staff in high risk job settings (e.g. out-of-home childcare, a food handler or an employee with direct patient care)
 - OR for a food handler or an employee with direct patient care asymptomatic for 7 calendar days.

Guidelines for return – Single case

- STEC
 - Two negative cultures or CIDT's in a child at kindergarten level or below
 - Two negative cultures or CIDT's in staff in high risk job settings (e.g. out-of-home childcare, a food handler or an employee with direct patient care)



Guidelines for return – single case

- Nontyphoidal *Salmonella*
 - 24 hours asymptomatic



Exclusions in Outbreaks

- STEC
 - Additionally exclude all Epi-linked cases at kindergarten level or below or in high risk settings going back for 3 weeks
- *Shigella*
 - Additionally exclude all Epi-linked cases at kindergarten level or below or in high risk settings going back for 4 weeks
- Nontyphoidal *Salmonella*
 - Additionally exclude/test all confirmed/probable food handlers. Test all asymptomatic food handlers.



Guidelines for Return – Outbreak

- *Shigella*
 - One negative culture or CIDT in a child at kindergarten level or below
 - One negative culture or CIDT in staff in high risk job settings

Guidelines for return – Outbreak

- STEC
 - Two negative cultures or CIDT's in a child at kindergarten level or below
 - Two negative cultures or CIDT's in staff in high risk job settings (e.g. out-of-home childcare, a food handler or an employee with direct patient care)



Guidelines for Return - Outbreak

- Nontyphoidal *Salmonella*
 - Two negative cultures or CIDT's in a food handler OR 30 days asymptomatic.



South Carolina Department of Health and Environmental Control
Healthy People. **Healthy Communities.**

THANK YOU!

Thank you to my teammates in GA, NC, MN and the other states/localities who help me maintain my sanity.

References

- Heymann, D. L. (2015). *Control of Communicable Diseases Manual* (20th ed.). Washington, DC
- American Academy of Pediatrics. (2015). *Red Book: 2015 Report of the Committee on Infectious Diseases* (30th ed.). (L. K. Pickering, C. J. Baker, D. W. Kimberlin, & S. S. Long, Eds.) Elk Grove Village, IL: American Academy of Pediatrics.
- Food and Drug Administration, 2013, *Food Code 2013 Recommendations of the United States Public Health Service Food and Drug Administration*
- Sharing Shigella: Risk Factors for a Multicommunity Outbreak of Shigellosis, *Archives of Pediatrics and Adolescent Medicine*, Vol 157, June 2003, pp 601-603



Contact Us

David Young, youngd2@dhec.sc.gov, 803-898-3838



Stay Connected

