Diarrhea in Immunocompromised Hosts

HIV POSITIVE
OR
PRIMARY IMMUNODEFICIENCY

- Parasite panel by PCR
  (should include *Giardia lamblia/Intestinalis/duodenalis*; *Cryptosporidium; Cyclospora cayetanensis; Dientamoeba fragilis; Entamoeba histolytica*, and *Microsporidia*)
- Viral panel by PCR OR viral testing
  (should consider norovirus*, sapovirus, astrovirus, adenovirus 40/41, and rotavirus)
- Bacterial stool culture
- OR
  Stool bacterial PCR panel
  (eg, multiplex panel that includes at least *Salmonella, Shigella, Shiga toxin [STEC], and Campylobacter* testing)
- AND
  C. difficile testing
  (refer to *C. difficile* algorithm for non-infants)

SOLID OR HEMATOPOIETIC TRANSPLANT

- *Clostridium difficile* toxin B gene (tcdB) by PCR
- Viral panel by PCR OR viral testing
  (should consider norovirus*, sapovirus, astrovirus, adenovirus 40/41, and rotavirus)
- Consider parasite panel by PCR (should include *Giardia lamblia/Intestinalis/duodenalis*; *Cryptosporidium; Cyclospora cayetanensis; Dientamoeba fragilis; Entamoeba histolytica*, and *Microsporidia*) if patient has unusual risks/exposures documented

*Most common pathogen*