

The diagram illustrates the experimental timeline for two groups of mice. The top timeline, for Cefoperazone or Streptomycin, shows antibiotic treatment from Day -7 to Day -2, followed by *C. difficile* spore gavage at Day 0 and sacrifice & necropsy at 18 hrs. The bottom timeline, for Clindamycin, shows antibiotic treatment from Day -1 to Day 0, followed by *C. difficile* spore gavage at Day 0 and sacrifice & necropsy at 18 hrs. A legend defines the symbols: blue box for antibiotic in drinking water, red triangle for IP injection of antibiotic, white triangle for *C. difficile* spore gavage, and black triangle for sacrifice & necropsy.

Cefoperazone  
or  
Streptomycin

Day -7

Day -2

Day 0

18 hrs

Clindamycin

Day -1

Day 0

18 hrs

Antibiotic in Drinking Water

IP Injection of Antibiotic

*C. difficile* Spore Gavage

Sacrifice & Necropsy

