

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 a 16-hour fast, *C. difficile* spore gavage at Day 0, and sacrifice & necropsy at 18 hours. The bottom timeline, for Clindamycin, shows antibiotic treatment from Day -1 to Day 0, followed by a 16-hour fast, *C. difficile* spore gavage at Day 0, and sacrifice & necropsy at 18 hours. 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.

