

Clinical features

- clinical disease
 - only chicken (3-10 weeks of age)
 - turkeys may develop some immunosuppression
- immunosuppression (peak 3-7 days p.i.) → secondary infections
 - duration varies with age and strain:
 - transient (between less than a week to more than 12 weeks p.i.)
 - permanent (especially young birds)
- complex clinical picture within a flock
 - within 2 to 3 days p.i.:
 - ruffled feathers, depression, anorexia; dehydration
 - eventually diarrhoea, soiled vent feathers, vent picking
 - death within 3-5 days p.i. or recovery after about 1 week p.i.
 - vvIBDV
 - mortality rates can vary
 - up to 50 % in susceptible broilers
 - 80 -100 % in maternal antibody-free layer type chicken (SPF; specific pathogen-free)
 - variant strains: subclinical disease + immunosuppression

Clinical picture after infection with virulent or very virulent IBDV

- ruffled feathers
- depression



3 days p.i. with a virulent IBDV strain