

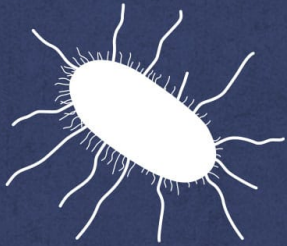
PERTUSSIS

a.k.a. WHOOPING COUGH

fb.com/dawnsbrain

CAUSE

Bordetella pertussis
bacteria in upper respiratory system



SYMPTOMS

low fever
runny nose
mild cough
apnea (in infants)

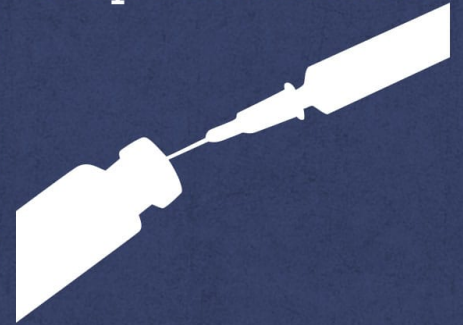
weeks
1-2

coughing fits
ending in a
"whoop"
vomiting
exhaustion

weeks
3-8

PREVENTION

DTaP vaccine
injections plus
Tdap adult booster



COMPLICATIONS

earache



pneumonia



encephalopathy
seizures
cerebral hypoxia



fractured ribs
failure to thrive



death



EPIDEMIOLOGY

spread via **coughing, sneezing,**
and other close contact

3+ months

avg. length of infection

5.5

avg. number of people an infected person
will infect while contagious (R_0)

48,500,000

people infected annually worldwide

195,000

annual **deaths** worldwide