



# Pertussis

JOHNSON COUNTY HEALTH DEPARTMENT

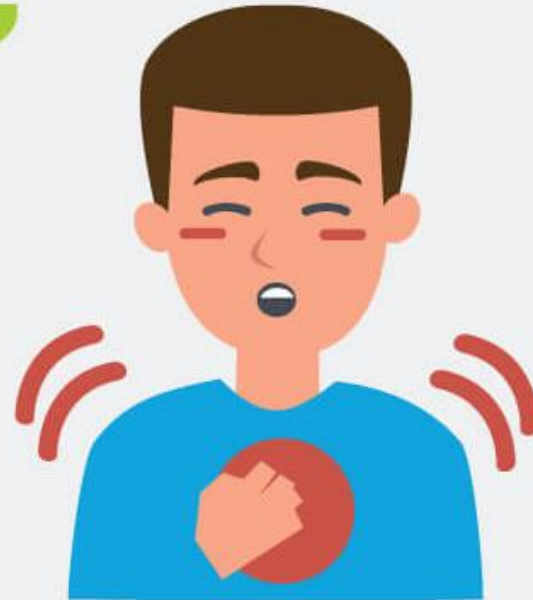
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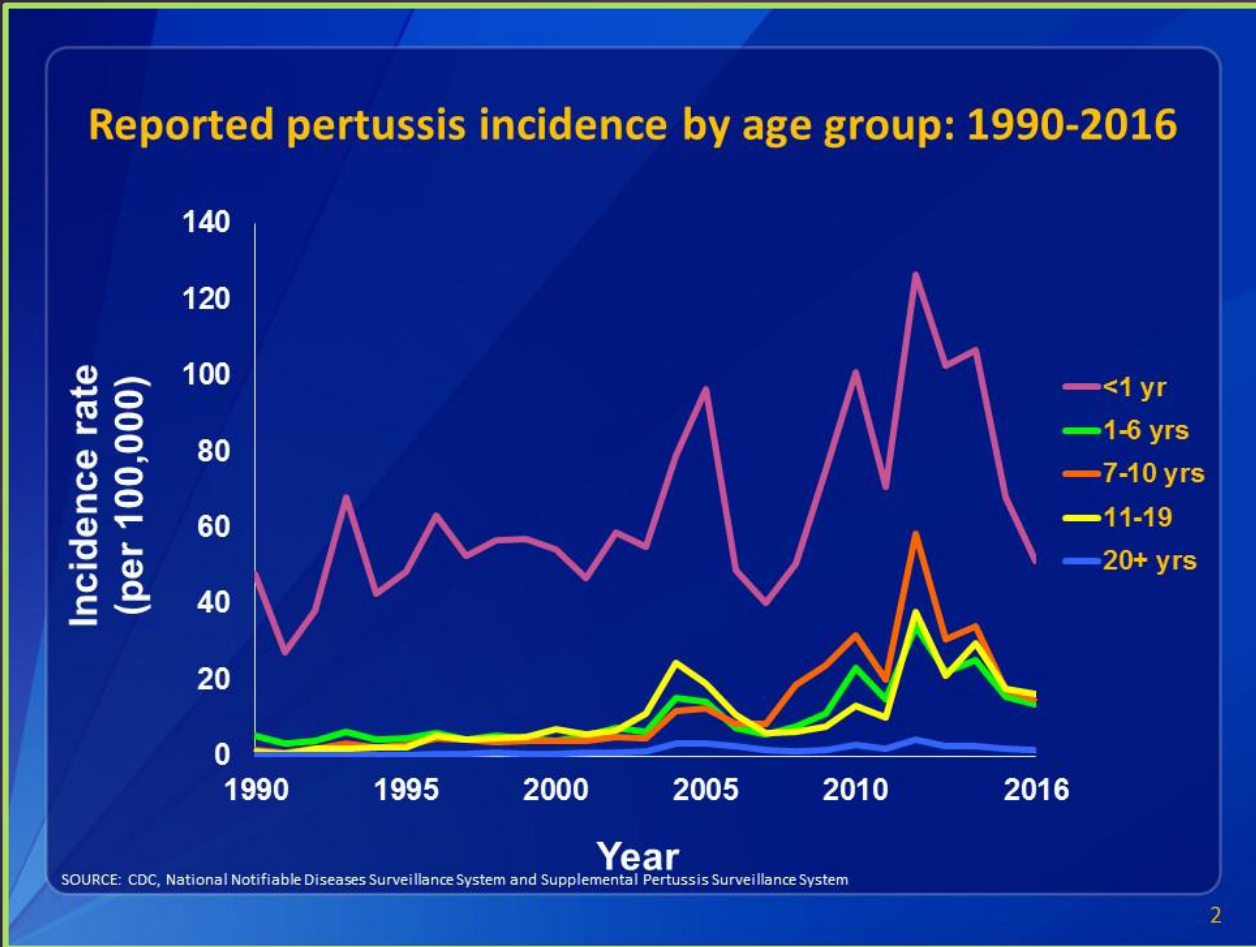
# What it is

## What is **WHOOPING COUGH?**

Whooping cough is a very contagious respiratory disease. It is characterized as a severe hacking cough that's followed by a whooping, high-pitched sound.



Curiosities and News. *Whooping Cough Symptoms +12 Natural Remedies*, 3 Mar. 2017.  
<http://curiositiesandnews.org/whooping-cough-symptoms-12-natural-treatments/>



## Pre-vaccine era:

- ▶ ~ 200,000 children infected/year
- ▶ ~ 9,000 childhood deaths/year

## Post-vaccine era:

- ▶ ~ 80% reduction in cases
- ▶ ~ 10,000-40,000 cases/year
- ▶ Up to 20 deaths/year

CDC. *Pertussis (Whooping Cough): Trends*, 11 Jul. 2018.  
<https://www.cdc.gov/pertussis/surv-reporting.html>

# How it is Spread

One infected person can spread pertussis to up to 12-15 other people



Sharing Breathing Space

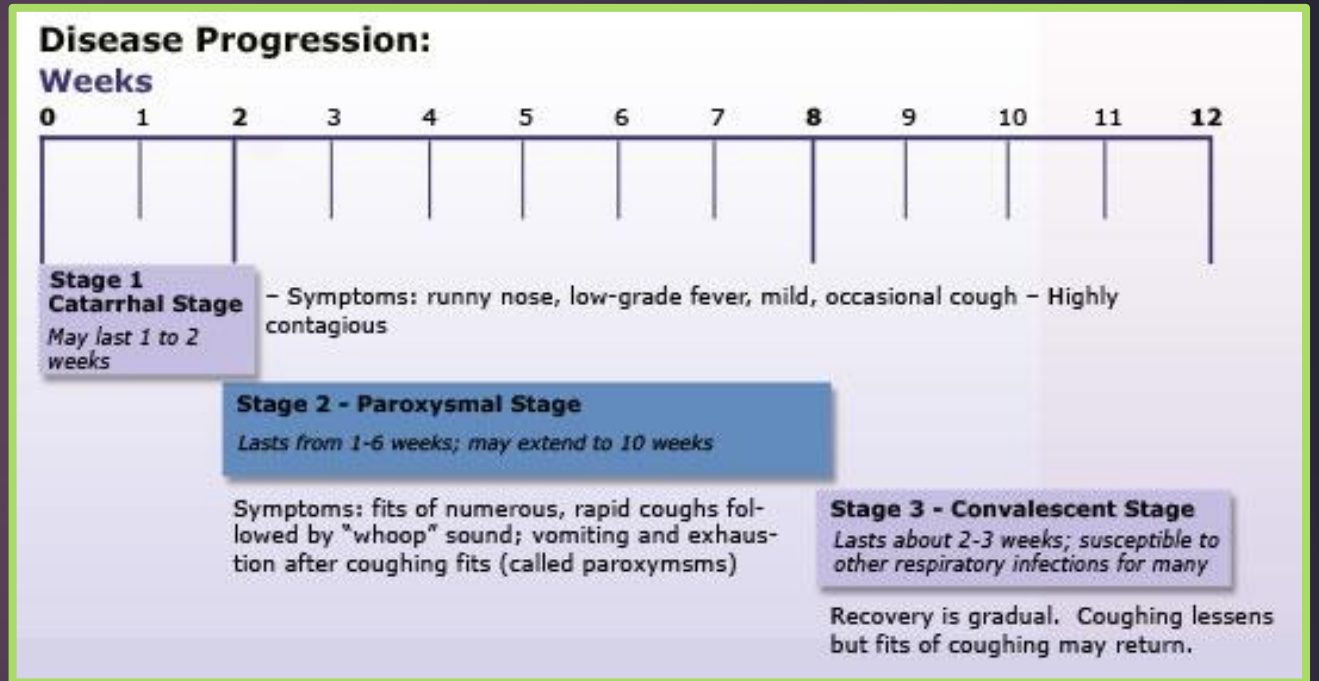
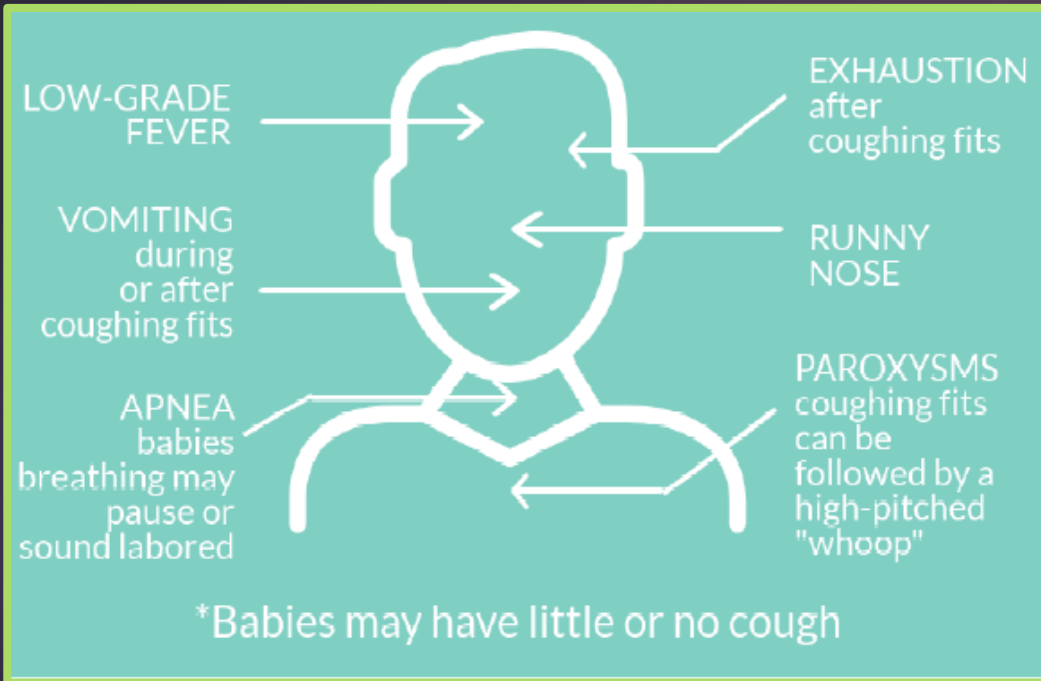


Coughing & Sneezing

ISDH. *Whooping Cough (Pertussis)*, Mar. 2018.

[https://www.in.gov/isdh/files/Pertussis%20Infographic\\_Color\\_Two-Sided\\_FINAL.pdf](https://www.in.gov/isdh/files/Pertussis%20Infographic_Color_Two-Sided_FINAL.pdf)

# Symptoms



CDC. *Pertussis (Whooping Cough): Signs and Symptoms*, 7 Aug. 2017. <https://www.cdc.gov/pertussis/about/signs-symptoms.html>

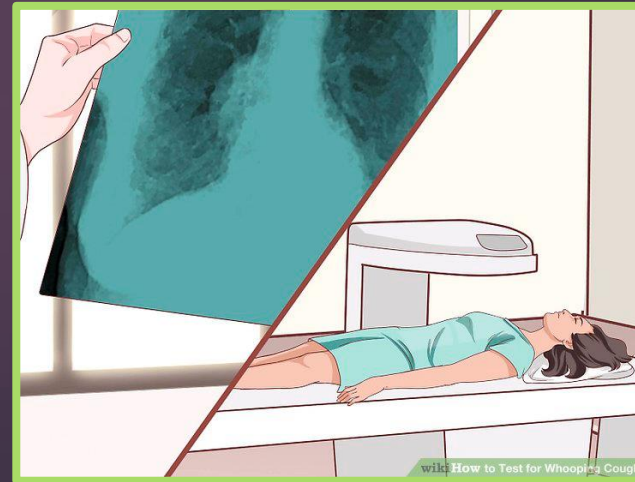
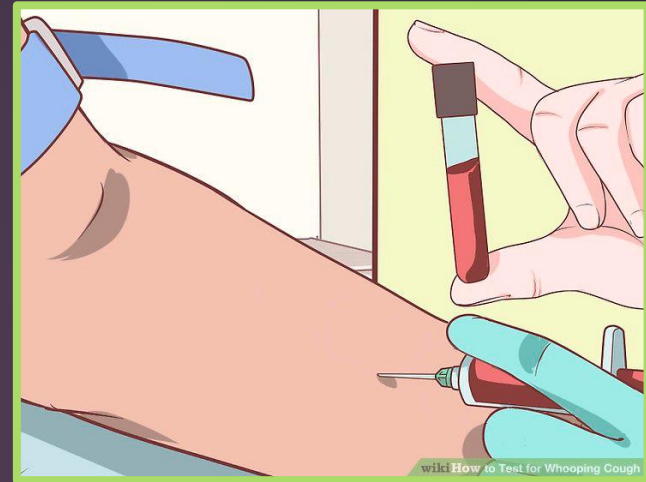
ISDH. *Whooping Cough (Pertussis)*, Mar. 2018. [https://www.in.gov/isdh/files/Pertussis%20Infographic\\_Color\\_Two-Sided\\_FINAL.pdf](https://www.in.gov/isdh/files/Pertussis%20Infographic_Color_Two-Sided_FINAL.pdf)



# Diagnosis



DeMuro, MD, Jonas. WikiHow. *How to Test for Whooping Cough*, n.d.  
<https://www.wikihow.com/Test-for-Whooping-Cough>



# Treatment



- ▶ Plenty of fluids
- ▶ Plenty of rest
- ▶ Small, frequent meals
- ▶ Cool-mist vaporizer
- ▶ Home free of irritants



DeMuro, MD, Jonas. WikiHow. *Treating and Preventing Whooping Cough*, n.d. <https://www.wikihow.com/Test-for-Whooping-Cough>

# High Risk

- ▶ Anyone not fully vaccinated
- ▶ Close contacts of infected person

Infants are at increased risk for serious complications

**WHOOPING  
COUGH**

**Serious** for you.  
**Deadly** for him.

**Vaccinate your child.  
Vaccinate yourself.**

Whooping cough is on the rise in California and may spread to other states. Most babies get very sick from whooping cough, and some even die. The best way to protect yourself and your family is to make sure everyone is vaccinated. Teens and adults need to get a "booster" shot to be fully protected.

**ToucanEd**  
www.toucaned.com

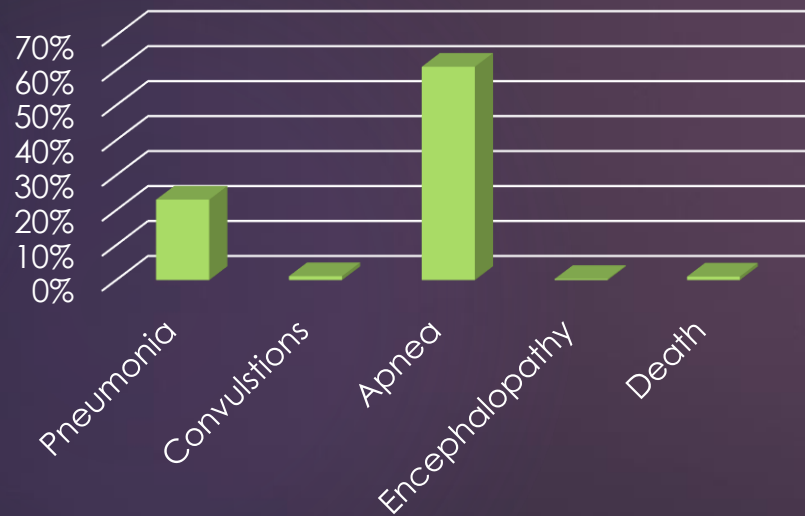
Kalie12. Vying for Vaccines. *Vaccinations*, "For the Greater Good," 11 Nov. 2013.  
<https://vaccinesforchildren.wordpress.com/2013/11/11/vaccinations-for-the-greater-good/>



# Complications

About 1/2 of all babies less than 1 year are hospitalized

### Complications of Babies Hospitalized



■ Complications of Babies Hospitalized

### Complications of Teens and Adults



■ Complications of Teens and Adults

# When to See a Doctor

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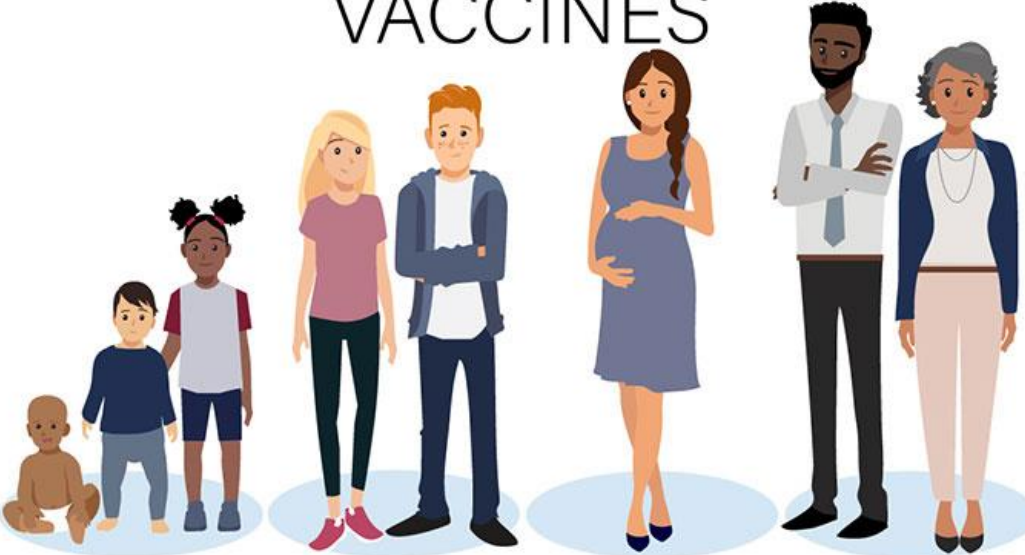
Wehrli, Ashley. Baby Gaga. *15 Pictures That Show Why Parents Want You to Vaccinate Your Kids*, 21 Jul. 2017. <https://www.babygaga.com/15-pictures-that-show-why-parents-want-you-to-vaccinate-the-kids/>

- ▶ Exposed to pertussis and susceptible
- ▶ Develop symptoms of pertussis
- ▶ Symptoms become more severe

# Prevention

- ▶ Vaccination
- ▶ Prophylactic treatment for close contacts
- ▶ Avoid others when ill

**People of all ages need WHOOPING COUGH VACCINES**



<b>DTaP</b> for young children	<b>Tdap</b> for preteens	<b>Tdap</b> for pregnant women	<b>Tdap</b> for adults
✓ 2, 4, and 6 months ✓ 15 through 18 months ✓ 4 through 6 years	✓ 11 through 12 years	✓ During the 27-36th week of each pregnancy	✓ Anytime for those who have never received it

# References

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