

Rubella

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August 2018

What it is

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- Contagious virus
- Also called:
 - German measles
 - 3-day measles

Immunization Action Coalition. *Rubella Photos*, n.d.
<http://www.vaccineinformation.org/rubella/photos.asp>

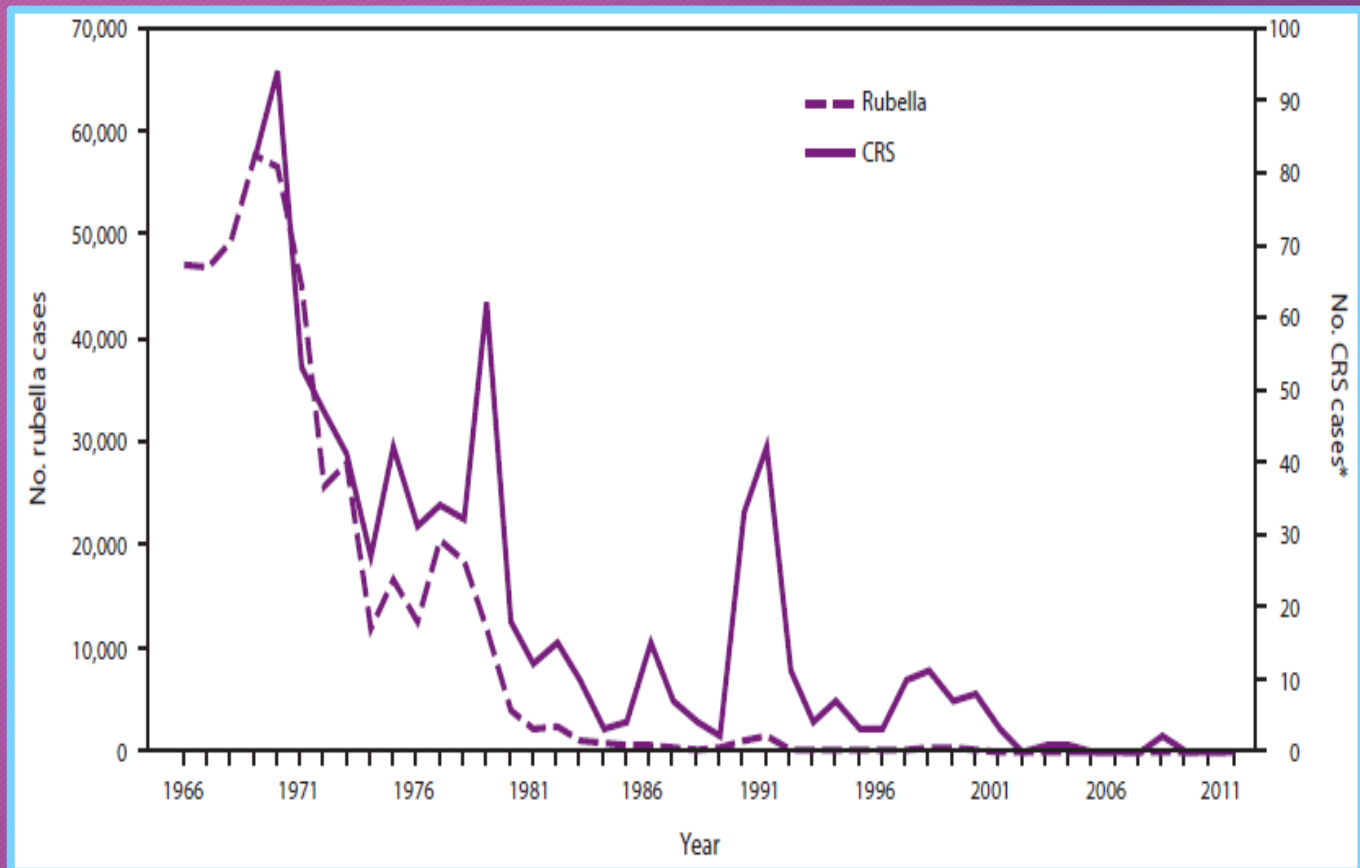
US Statistics

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Epidemic 1964-1965:

- ~ 12.5 million cases
- ~ 11,000 miscarriages/
stillbirths
- ~ 2,100 newborn deaths
- ~ 20,000 CRS cases

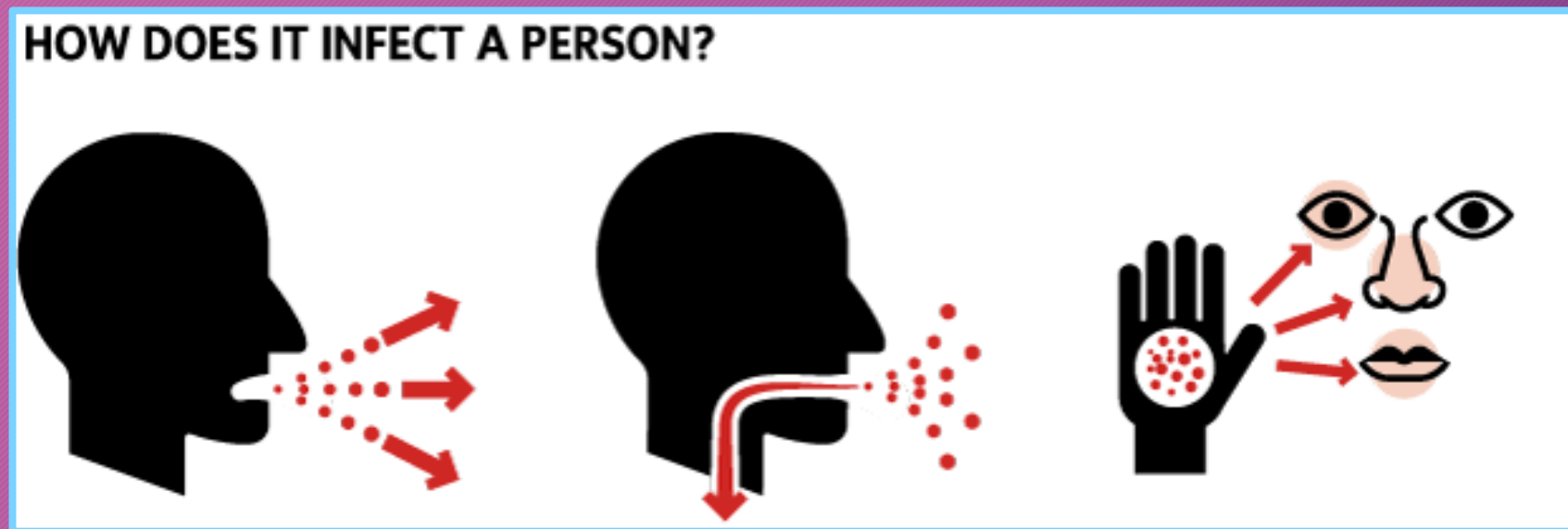
More than 99% decrease
since vaccine in 1969



How it is Spread

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From pregnant women to unborn babies



Branswell, Helen. The Globe and Mail. *Measles Case Spurs Niagara Region to Schedule Vaccination Clinics*, 12 May 2018.
<https://www.theglobeandmail.com/life/health-and-fitness/health/woman-diagnosed-with-measles-in-niagara/article22800185/>

Symptoms

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- Incubation period 16-18 days
- Most contagious 1 week before to 1 week after rash appears

Kovalenko, Alexander. Dreams Time. *Rubella Infographics: German Measles Signs, Symptoms and Prevention*, n.d.
<https://www.dreamstime.com/stock-illustration-rubella-infographics-german-measles-signs-symptoms-prevention-image77926796>

Diagnosing

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**symptoms
evaluation**



urine sample



blood tests



**throat and/or
nose swab**

Koo, PhD, Ingrid. Very Well Health. *How Measles is Diagnosed*, 10 Aug. 2018. <https://www.verywellhealth.com/how-measles-is-diagnosed-1958772>

Treatment

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Wiki How. *How to Treat Rubella*, n.d.
<https://www.wikihow.com/Treat-Rubella>



High Risk

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Anyone who is not vaccinated



CDC. *Pregnancy and Rubella*, 15 Sep. 2017.
<https://www.cdc.gov/rubella/pregnancy.html>

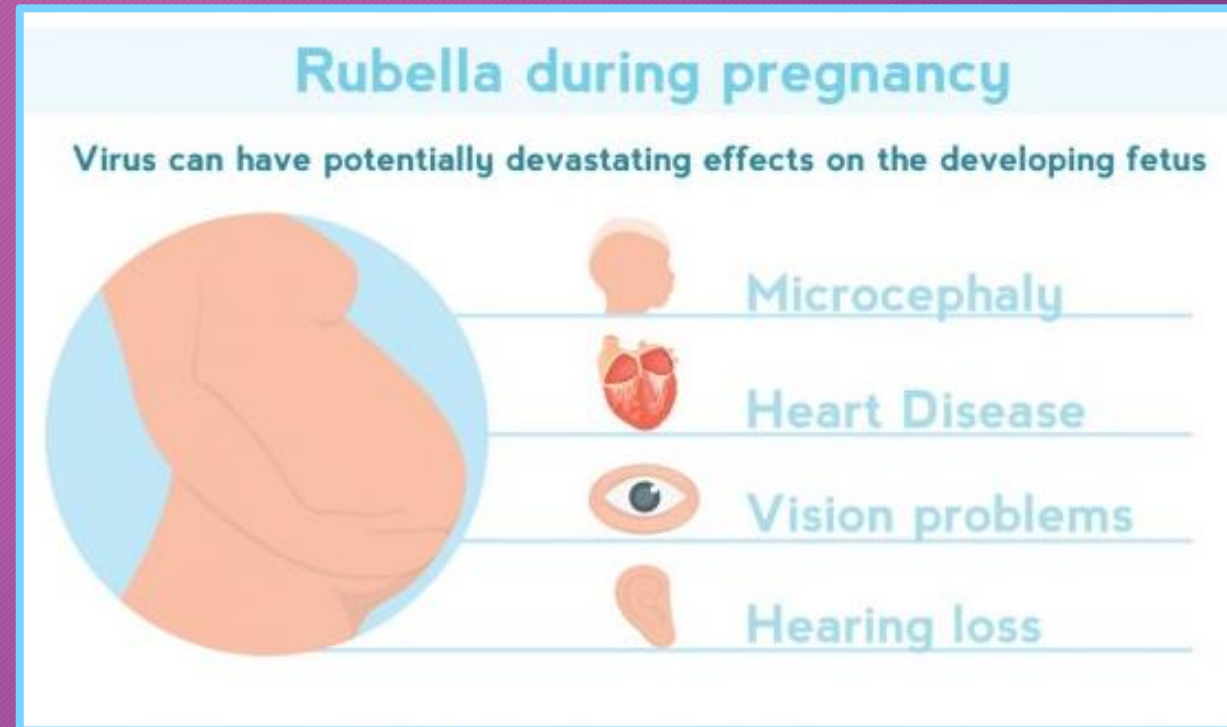


Line 2. *How to Manage Your International Business Travel*,
12 May 2015. <http://blog.line2.com/2015/05/how-to-manage-your-international-business-travel/>

Complications

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- Congenital Rubella Syndrome
- Miscarriage
- Infant death
- Encephalitis
- Arthritis



Pregnant in Cape Town. *Measles, German Measles, Baby Measles and Moral Obligations*, 9 Mar. 2017. <http://pregnantincapetown.co.za/measles-german-measles-baby-measles/>

When to See a Doctor

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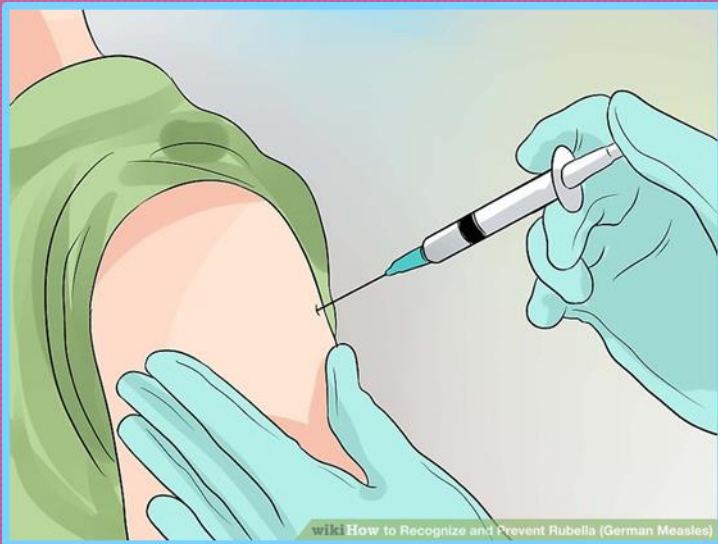


- Exposed to rubella and susceptible
- Develop more severe symptoms

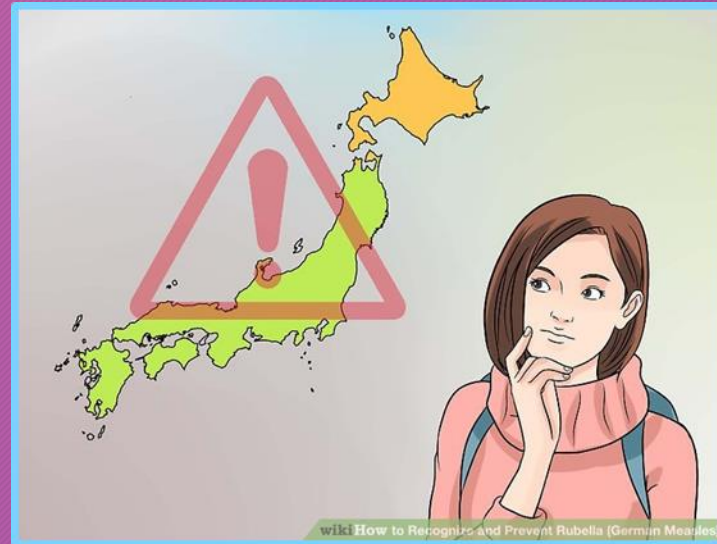
Wiki How. *How to Treat Rubella*, n.d.
<https://www.wikihow.com/Treat-Rubella>

Prevention

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Durkin, RN, Marsha. Wiki How. *How to Recognize and Prevent Rubella (German Measles)*, n.d. [https://www.wikihow.com/Recognize-and-Prevent-Rubella-\(German-Measles\)](https://www.wikihow.com/Recognize-and-Prevent-Rubella-(German-Measles))



Dugdale, RN, Jurdy. Wiki How. *How to Treat Measles*, n.d. <https://www.wikihow.com/Treat-Measles>

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- Sullivan, PhD, Debra. "German Measles (Rubella)." *Healthline.com*, 6 Jan. 2016. <https://www.healthline.com/health/rubella>. Accessed 23 Aug. 2018.
- World Health Organization. "Rubella." *WHO.int*, 19 Feb. 2018. <http://www.who.int/news-room/fact-sheets/detail/rubella>. Accessed 23 Aug. 2018.