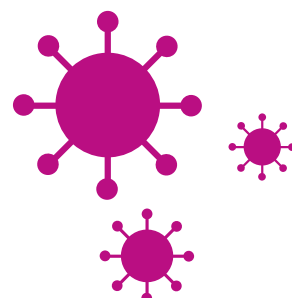


What is Shingles?

Media Infographic

Shingles is a serious disease caused by the reactivation of the varicella zoster virus (VZV), the same virus that causes chickenpox.¹



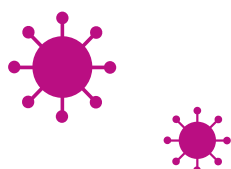
The Typical Symptoms of Shingles

- **Rash** – a painful, itchy rash often develops on one side of the body.²
- The **pain** associated with shingles is often described as burning, shooting or stabbing, and it may be severe and accompanied by itching.^{2,3}
- The rash can last between **2-4 weeks**.³
- Even once the rash is gone a person can experience postherpetic neuralgia (PHN), pain lasting from at least three months up to several years. **10-18% of patients** with shingles experience PHN.^{1,4}



The Aging Immune System and Shingles

As we age, the cells in our immune system lose the ability to maintain a strong and effective response to VZV reactivation, such that after the age of 50 a person's **risk for shingles increases**.^{1,3}



The Facts About Shingles



One in three:
the estimated individual lifetime risk of developing shingles¹

99%

The percentage of individuals over the age of 50 infected with VZV and at risk of shingles¹

~1 Million

The number of shingles cases that occur each year in the US¹

\$1 Billion

The annual cost of shingles to the US healthcare system⁴

1. Harpaz R, Ortega-Sanchez IR, Seward JF; Advisory Committee on Immunization Practices (ACIP), Centers for Disease Control and Prevention (CDC). Prevention of herpes zoster: recommendations of the Advisory Committee on Immunization Practices (ACIP). *MMWR Recomm Rep*. 2008 Jun;57(RR-5):1-30.
 2. Lal et al. Efficacy of an Adjuvanted Herpes Zoster Subunit Vaccine in Older Adults. *N Engl J Med*. 2015; 372:2087-2096.
 3. Johnson RW et al. Herpes zoster epidemiology, management, and disease and economic burden in Europe: a multidisciplinary perspective. *Therapeutic Advances in Vaccines*. 2015;3(4):109-120.
 4. Yawn et al. Health care utilization and cost burden of herpes zoster in a community population. *Mayo Clin Proc*. 2009;84(9):787-794.