

Result of a study to find out HSV2 Transmission rate.

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| Conditions | HSV2 Transmission rate | HSV2 Transmission rate with the use of anti-viral, Valacyclovir | Key Observations |
|---|------------------------|---|---|
| Overall HSV2 transmission rate | 3.60% | 1.90% | Use of Valacyclovir has reduced the transmission rate of HSV2 by 50% |
| Sex of susceptible partner | | | |
| Female | 7.40% | 3.30% | 1. HSV2 Transmission rate is 3 times in female receiving partner than compared to male counterpart. |
| Male | 1.80% | 1.20% | 2.Anti-viral Valacyclovir is more effective in female compared to male susceptible partner |
| Duration of Genital HSV2 Infection in the source partner | | | |
| < 2 Years | 5.80% | 3.10% | Couples in the early time period (less than 2 years) has almost double the possibility of acquiring HSV2 |
| >= 2 Years | 3.20% | 1.60% | |
| Duration of relationship | | | |
| < 2.5 Years | 5.10% | 2.50% | 1.Couples in the early time period of less than 2 years inrelationship has almost triple the possibility of acquiring HSV2. |
| >= 2.5 Years | 1.80% | 1.20% | 2.With the use of Valacyclovir this rate can be reduced to double. |
| Frequency of Condom use* | | | |
| Never | 4.40% | 1.50% | 1. Use of condom alone doesn't contribute in significant reduction of HSV2 |
| Sometimes | 3.80% | 2.40% | Transmission rate but the use of Valacyclovir does. |
| Always | 2.90% | 2.10% | 2.Valcyclovir alone can significantly bring down the transmission rate (by almost 3 times) |
| Frequency of Sexual contact per month | | | |
| < 5 | 2.30% | 0.40% | 1. More the Sexual contacts per month more the chances of acquiring HSV2. |
| >5 to 10 | 3.10% | 1.90% | 2.But by limiting the sexual contact and with the use of Valacyclovir this |
| >10 | 6.80% | 4% | transmission rate can be brought down by almost 6 times. |