

### Pivotal Research on HIV Sexual Transmission / The Underlying Science Proving U=U

Over 125,000 total condomless sex acts across studies between mixed status couples, ZERO transmissions of HIV.

| Name of Study     | # of Condomless Sex Acts   | Date         | Link to Study  |
|-------------------|--|--------------|--|
| HPTN 052          | -<br><br>1,763 couples   | August, 2016 | Summary: <a href="http://www.aidsmap.com/news/jul-2011/treatment-preventio5n-hptn-052-study-shows-96-reduction-transmission-when-hiv-positive">http://www.aidsmap.com/news/jul-2011/treatment-preventio5n-hptn-052-study-shows-96-reduction-transmission-when-hiv-positive</a><br><br>Study: <a href="https://www.nejm.org/doi/full/10.1056/NEJMoa1600693">https://www.nejm.org/doi/full/10.1056/NEJMoa1600693</a> |
| Opposites Attract | 12,447 acts of condomless anal sex among 152 couples, zero linked transmissions when HIV+ partner was undetectable and HIV- partner not on PrEP. | July, 2018   | Summary: <a href="#">No HIV transmissions from HIV-positive partner seen in Australian gay couples study</a><br><br>Study: <a href="https://www.thelancet.com/journals/lanhiv/article/PIIS2352-3018(18)30132-2/fulltext">https://www.thelancet.com/journals/lanhiv/article/PIIS2352-3018(18)30132-2/fulltext</a>   |
| PARTNER 1:        | ~58,000 condomless sex acts with zero transmissions when undetectable<br><br>888 couples   | July, 2016   | Summary: <a href="#">More confidence on zero risk: still no transmissions seen from people with an undetectable viral load in PARTNER study</a><br><br>Study: <a href="#">Sexual Activity Without Condoms and Risk of HIV Transmission in Serodifferent Couples When the HIV-Positive Partner Is Using Suppressive Antiretroviral Therapy   HIV   JAMA</a>   |
| PARTNER 2:        | ~77,000 condomless sex acts w/ zero transmissions when undetectable<br><br>Addtl 635 gay couples from PARTNER1                                   | May, 2019    | Summary: <a href="#">Zero transmissions mean zero risk – PARTNER 2 study results announced</a><br><br>Study: <a href="https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30418-0/fulltext">https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)30418-0/fulltext</a>   |
|                   | Over 125,000 total condomless sex acts across studies  |              |  |