**APPENDIX C: Articles excluded after full-text review**

**Change in condom use in high-risk populations newly aware of HIV diagnosis in the United States and Canada: A systematic review and meta-analysis**

**Reasons for exclusion:**

* No appropriate comparison group (k=27)
* No reporting of outcomes by serostatus (k=22)
* No HIV-infected participants in analysis (k=14)
* No outcomes of interest (k=7)
* Study conducted outside USA or Canada (k=5)
* Data collected entirely pre-1996 (k=4)
* Lack of quantitative outcome information sufficient to extract outcomes (k=2)
* Modeling study (k=2)

Citations are provided below summary table.

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| **Record** | **Reason for exclusion** |
| Aidala 2006 | No appropriate comparison group |
| Amaro 2005 | Lack of quantitative outcome information |
| Avants 2001 | No appropriate comparison group |
| Bailey 2009 | Study conducted outside of US/Canada |
| Balan 2014 | No HIV-infected participants in analysis |
| Batchelder 2015 | No appropriate comparison group |
| Beckwith 2010 | No HIV-infected participants in analysis |
| Bedoya 2012 | No appropriate comparison group |
| Bernstein 2012a | No reporting of outcomes by serostatus |
| Bernstein 2012b | No reporting of outcomes by serostatus |
| Booth 1998 | No reporting of outcomes by serostatus |
| Branson 1998 | No outcomes of interest |
| Brennan 2007 | No appropriate comparison group |
| Brogly 2002 | No outcomes of interest |
| Brown 2005 | No reporting of outcomes by serostatus |
| Burt 2012 | No appropriate comparison group |
| Chamot 1999 | Data collected entirely pre-1996 |
| Coffin 2014 | No reporting of outcomes by serostatus |
| Cohen 2008 | No appropriate comparison group |
| Compton 2000 | No reporting of outcomes by serostatus |
| Cope 2014 | No appropriate comparison group |
| Denning 2005 | No appropriate comparison group |
| Des Jarlais 2014 | No appropriate comparison group |
| Di Franceisco 2005 | No reporting of outcomes by serostatus |
| Dilley 2007 | No HIV-infected participants in analysis |
| Dilley 2011 | No HIV-infected participants in analysis |
| Dolezal 1999 | Data collected entirely pre-1996 |
| Dombrowski 2013 | No appropriate comparison group |
| Dushay 2001 | No reporting of outcomes by serostatus |
| Edelman 2012 | No HIV-infected participants in analysis |
| Finkler 2004 | Study conducted outside of US/Canada |
| Flaskerud 1997 | No reporting of outcomes by serostatus |
| Forney 2012 | No appropriate comparison group |
| Fox 2009 | Study conducted outside of US/Canada |
| Gibson 1999 | No HIV-infected participants in analysis |
| Gorbach 2006 | No outcomes of interest |
| Gorbach 2011 | No outcomes of interest |
| Grinstead 2001 | Study conducted outside of US/Canada |
| Grov 2015 | No appropriate comparison group |
| Hays 1997 | Data collected entirely pre-1996 |
| Hershberger 2003 | No reporting of outcomes by serostatus |
| Hodder 2013 | No appropriate comparison group |
| Ickovics 1998 | No HIV-infected participants in analysis |
| Inciardi 2005 | No reporting of outcomes by serostatus |
| Kelen 1996 | No appropriate comparison group |
| Khanna 2014 | Modeling study |
| Khosropour 2015 | No appropriate comparison group |
| Koblin 2004 | No reporting of outcomes by serostatus |
| Koblin 2012 | No reporting of outcomes by serostatus |
| Kotranski 1998 | No reporting of outcomes by serostatus |
| Kurtz 2012 | No appropriate comparison group |
| Latkin 2009 | No reporting of outcomes by serostatus |
| Macgowan 1997 | Data collected entirely pre-1996 |
| Mansergh 2010 | No reporting of outcomes by serostatus |
| Mattson 2002 | No reporting of outcomes by serostatus |
| McCusker 1996 | No HIV-infected participants in analysis |
| McFarland 2012 | No appropriate comparison group |
| McGowan 2004 | No outcomes of interest |
| McMahon 2013 | No HIV-infected participants in analysis |
| McMahon 2014 | No HIV-infected participants in analysis |
| Metcalf 2005 | No HIV-infected participants in analysis |
| Metsch 2012 | No reporting of outcomes by serostatus |
| Oster 2011 | No appropriate comparison group |
| Pantin 2013 | No reporting of outcomes by serostatus |
| Ramadanovic 2013 | Modeling study |
| Robles 1996 | No appropriate comparison group |
| Robles 1998 | No appropriate comparison group |
| Rosenberg 2011 | No appropriate comparison group |
| Rotheram-Borus 2010 | No reporting of outcomes by serostatus |
| Rusch 2005 | No appropriate comparison group |
| Sarna 2011 | Study conducted outside of US/Canada |
| Schrager 2011 | No reporting of outcomes by serostatus |
| Sikkema 2011 | No appropriate comparison group |
| Sikkema 2014 | No appropriate comparison group |
| St. Lawrence 1998 | No HIV-infected participants in analysis |
| Surratt 2010 | No reporting of outcomes by serostatus |
| Towe 2010 | No appropriate comparison group |
| Vallabhaneni 2013 | No outcomes of interest |
| Warner 2001 | No appropriate comparison group |
| Webster 2003 | No HIV-infected participants in analysis |
| Weinhardt 2005 | Lack of quantitative outcome information |
| Whiteside 2013 | No outcomes of interest |
| Wilson 1999 | No HIV-infected participants in analysis |

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Grandfather Studies

**Reasons for exclusion:**

* No outcomes of interest (k=11)
* No appropriate comparison group (k=9)
* Document type (k=7)
* No reporting outcomes by serostatus (k=2)
* No HIV-infected participants in analysis (k=1)
* Study conducted outside of US/Canada (k=1)
* Duplicative study (k=1)

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| **Record** | **Reason for exclusion** |
| Armstrong 2017 | No outcomes of interest |
| Balaji 2018 | No outcomes of interest |
| Broaddus 2016 | No outcomes of interest |
| Calvo 2015 | Study conducted outside of US/Canada |
| Cooley 2016 | No outcomes of interest |
| Cordova 2018 | No HIV-infected participants in analysis |
| Festinger 2015 | No outcomes of interest |
| Fisher 2016 | No outcomes of interest |
| Foster 2017 | No outcomes of interest |
| Gilchrist 2017 | Document type |
| Gooden 2016 | No reporting of outcomes by serostatus |
| Globerman 2017 | Study Type (review) |
| Gorbach 2018 | No appropriate comparison group |
| Jones 2016 | No outcomes of interest |
| Katz 2015 | Document type |
| Katz 2018 | No appropriate comparison group |
| Khosropour 2015 | Document type |
| Krishnaratne 2015 | Document type |
| Kuhns 2017 | Document type |
| Kurth 2016 | No appropriate comparison group |
| Lachowsky 2015 | Document type |
| Momplaiser 2017 | No appropriate comparison group |
| Operario 2017 | No appropriate comparison group |
| Otis 2015 | No reporting of outcomes by serostatus |
| Patel 2016 | No appropriate comparison group |
| Spiller 2015 | No appropriate comparison group |
| Tross 2015 | No outcomes of interest |
| Velera 2017 | No outcomes of interest |
| Walker 2016 | No outcomes of interest |
| Wimberly 2017 | No appropriate comparison group |
| Wu 2015 | No appropriate comparison group |
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