| **Author, Year** | **Did the study attempt to enroll all (or a random sample of) patients meeting inclusion criteria, or a random sample (inception cohort)?** | **Were the groups comparable at baseline on key prognostic factors (e.g., by restriction or matching)?** | **Did the study maintain groups through the study period?** | **Did the study use accurate methods for ascertaining exposures and potential confounders?** | **Were outcome assessors and/or data analysts blinded to the exposure being studied?** | **Did the article report attrition?** | **Is there high attrition?** | **Were outcomes prespecified and defined, and ascertained using accurate methods?** | **Quality rating** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Aaron, 201246 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| Anteretroviral Pregnancy Registry Interim Report47 | Not relevant (volunteer database); encourages participating MDs to enter all cases | Not relevant | Not relevant | Yes, but no adjustment for confounding | Unclear | No | No | Yes | Fair |
| Berard, 201748 | Yes | No | Yes | Yes | Unclear | No | Unclear | Yes | Fair |
| Chagomerana, 201749 | Yes | No | Yes | Yes | Unclear | Yes | No | Yes | Fair |
| Chen, 201250 | Yes | Differences in age, past adverse pregnancy outcome, receipt of antenatal care, CD4 count, parity | Unclear | Yes | Unclear | No | Unclear | Yes | Fair |
| Chiappini, 201351 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| Duryea, 201552 | Yes | No | Yes | Yes | Unclear | No | Unclear | Yes | Fair |
| Floridia, 201353 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| French Perinatal Cohort ANRS- EPF study Mandelbrot, 201561  Sibiude, 201272  Sibiude, 201468  Sibiude, 201570 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| Kakkar, 201554 | Yes | Differences in study time period, parity, ethnicity | Unclear | Yes | Unclear | No | Unclear | Yes | Fair |
| Knapp, 201255 | Yes | Not relevant | Not relevant | Yes | Yes | No | Unclear | Yes | Fair |
| Kreitchmann, 201456 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| Li, 201657 | Yes | Differences in delivering prior to year 2007, CD4 count, nutritional status, and other diseases and symptoms | Unclear | Yes | Unclear | No | Unclear | Yes | Fair |
| Lopez, 201259 | Yes | Differences in nulliparity and prior preterm birth for case-control analysis | Unclear | Yes | Unclear | No | Unclear | Yes | Fair |
| Lu, 201460 | Yes | Not relevant | Not relevant | Yes | Unclear | Yes | No | Yes | Fair |
| Mor, 201763 | Yes | No | Yes | Yes | Unclear | No | Unclear | Yes | Fair |
| Moodley, 201662 | Yes | Unclear | Unclear | Yes | Unclear | No | Unclear | Yes | Fair |
| Pintye, 201765 | Yes | No | Yes | Yes | Unclear | Yes | No | Yes | Fair |
| Ramokolo, 201766 | Yes | No | Yes | Yes | Unclear | No | Unclear | Yes | Fair |
| Rough, 201867  PHACS and IMPAACT P1025 | Yes | Differences in age, timing of regimen initiation, viral load, and timing of HIV diagnosis | Yes | Yes | Unclear | No | Unclear | Yes | Fair |
| Short, 201368 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| SMARTT/  PHACS studies Nozyce, 201464  Lipshultz, 201558  Siberry, 201269  Watts, 201375  Williams, 201576  Williams, 201677 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| Snijdewind, 201873 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| Tookey, 201674 | Yes | Not relevant | Not relevant | Yes | Unclear | No | Unclear | Yes | Fair |
| Zash, 201679 | Yes | Yes | Yes | Yes | Unclear | No | Unclear | Yes | Fair |
| Zash, 201778 | Yes | No | Yes | Yes | Unclear | No | Unclear | Yes | Fair |
| **Abbreviations:** ANRS-EPF=French Agence Nationale de Recherche sur le SIDA-Enquête Périnatale Française; CD4=cluster of differentiation 4; IMPAACT=International Maternal Pediatric Adolescent AIDS Clinical Trials; PHACS=Pediatric HIV/AIDS Cohort Study; SMARTT=Surveillance Monitoring for Antiretroviral Treatment Toxicities. | | | | | | | | | |
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