

Supplementary File 3: Studies with registered study protocols

| Study-ID | Protocol number | Pro- /retrospective registration | Risk of selective outcome reporting bias (SOR) | SOR: Number of major discrepancies |
|----------------------|---------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------|
| Agarkar-2015 | CTRI/2013/02/003357 | retrospective | unclear | - |
| Alghanem-2010 | NCT00825071 | retrospective | unclear | - |
| Altorjay-2011 | (Pro) EUCTR2005-005856-42-GB, (Retro) NCT00326248 | pro and retrospective | low | - |
| Apfel-2004 | Controlled Clinical Trials 24 (2003), 736-751 | retrospective | unclear | - |
| Areeruk-2016 | TCTR20151116001 | retrospective | unclear | - |
| Bang-2016 | NCT01478165 | retrospective | unclear | - |
| Bang-2017 | KCT0001930 | retrospective | unclear | - |
| Bataille-2016 | NCT01876290 | retrospective | unclear | - |
| Benevides-2013 | RBR-4bxdhb | retrospective | unclear | - |
| Bergese-2016 | NCT01474915 | retrospective | unclear | - |
| Bjerregaard-2018 | EUCTR2012-004451-3 | prospective | low | - |
| Blitz-2012 | NCT00952133 | retrospective | unclear | - |
| Choi-2016 | NCT02597907 | retrospective | unclear | - |
| Chun-2014 | KCT0000537 | retrospective | unclear | - |
| Corcoran-2017 | ACTRN12608000340336 | prospective | unclear (either protocol or study article provides no information about the "time assessment") | - |
| Cortes-Flores-2018 | NCT02305173 | retrospective | unclear | - |
| DeOliveira-2011 | NCT01052038 | prospective | high | 4 |
| DeOliveira-2016 | NCT01451762 | retrospective | unclear | - |
| Dewinter-2016 | EUCTR2008-004789-20 | prospective | unclear (either protocol or study article provides no information about the "time assessment") | - |
| Diemunsch-2007 | NCT00090246 | retrospective | unclear | - |
| Eidi-2012 | IRCT201106154005N4 | retrospective | unclear | - |
| Fahlenkamp-2016 | EUCTR2008-004132-20, NCT00793663 | prospective | high | 2 |
| Feroci-2011 | NCT00888303 | retrospective | unclear | - |
| Gan-2007 | NCT00090155 | retrospective | unclear | - |
| Gan-2011 | NCT00539721 | prospective | low | - |
| Gan-2017 | NCT01991821, NCT01991860 (US Phase) | retrospective | unclear | - |
| Gomez-Hernandez-2010 | NCT01116713 | retrospective | unclear | - |
| Green-2012 | NCT00717054, | prospective | high | 2 |

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| | NCT00659737 | | | |
| Habib-2011 | NCT00734929 | retrospective | unclear | - |
| Hemmati-2014 | IRCT2014062118168N1 | retrospective | unclear | - |
| Hessami-2012 | IRCT138903033939N1 | retrospective | unclear | - |
| Hu-2017 | ChiCTR-IPR-15005852 | prospective | high | 2 |
| Joo-2015 | NCT01639599 | retrospective | unclear | - |
| Joo-2016 | KCT0000688 | retrospective | unclear | - |
| Jung-2013 | NCT01440673 | retrospective | unclear | - |
| Kakuta-2011 | JPRN-UMIN000003850 | prospective | unclear (the study does not declare its primary outcome) | - |
| Kakuta-2015 | UMIN000012999 | prospective | unclear (either protocol or study article provides no information about the "time assessment") | - |
| Kim-2015 | KCT0000183 | unclear due to contradictory registration data (assessed as retrospective) | - | - |
| Kim-SH-2013 | NCT01169805 | prospective | high | 2 |
| Kim-WJ-2013 | ACTRN12612000757819 | retrospective | unclear | - |
| Kizilcik-2017 | NCT02382146 | retrospective | unclear | - |
| Ko-iam-2015 | TCTR20140128001 | retrospective | unclear | - |
| Koyuncu-2017 | NCT02296333 | retrospective | unclear | - |
| Kranke-2012 | NCT00895830 | prospective | low | - |
| Kranke-2013 | NCT01510704, EUCTR2011-004267-71 | prospective | low | - |
| Kurz-2015 | NCT00273377 | retrospective | unclear | - |
| Lee-WS-2015 | NCT01752374 | retrospective | unclear | - |
| Mathiesen-2009 | NCT00209495 | retrospective | unclear | - |
| Mathiesen-2011 | NCT00378547 | retrospective | unclear | - |
| Murphy-2014 | NCT01545700 | retrospective | unclear | - |
| NCT00888329 | NCT00888329 | retrospective | unclear | - |
| Nielsen-2015 | NCT01953978 | retrospective | unclear | - |
| NKO101287 | (Pro) EUCTR2004-001021-22, (Retro) NCT00600990 | pro and retrospective | low | - |
| NKT102245 | (Pro) NCT00274690, (Retro) EUCTR2004-000369-37 | pro and retrospective | low | - |
| NKT102260 | EUCTR2004-000370-31, NCT00108095 | retrospective | unclear | - |
| NKT102552 | EUCTR2005-005855-16-BE | prospective | low | - |
| PALO-04-07 | EUCTR2005-000298-23 | prospective | low | - |
| Park-2013 | NCT01476280 | retrospective | unclear | - |
| Rettori-2011 | NCT00888303 | retrospective | unclear | - |
| Ryoo-2015 | KCT0000581 | retrospective | unclear | - |
| Ryu-2013 | KCT0000267 | retrospective | unclear | - |
| Sanchez-Rodriguez-2010 | NCT01030614 | retrospective | unclear | - |
| Segelman-2016 | EUCTR2009-014717-27 | prospective | unclear (either protocol or | - |

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| | | | study article provides no information about the "time assessment") | |
| Singla-2010 | NCT00108095 | retrospective | unclear | - |
| Sinha-2014 | NCT00956215 | prospective | high | 1 |
| Soga-2015 | JPNR-UMIN000007613 | prospective | high | 2 |
| Song-2017 | NCT02480088 | retrospective | unclear | - |
| Tarantino-2015 | NCT01189292 | prospective | low | - |
| Tolver-2012 | NCT01170780 | prospective | low | - |
| Tsutsumi-2014 | JPNR-UMIN000008621 | prospective | unclear (either protocol or study article provides no information about the "time assessment") | - |
| Vallejo-2012 | NCT00659945 | prospective | high | 1 |
| Worni-2008 | NCT00619086 | retrospective | unclear | - |
| Yang-2015 | NCT02096835 | retrospective | unclear | - |
| Yang-2017 | NCT02039427 | prospective | high | 1 |
| Zhou-2012 | ChiCTR-TRC-09000558 | prospective | high | 2 |