**Appendix to “Interventions to improve adherence to antiretroviral therapy: a rapid systematic review”**

Krisda Chaiyachati, Osondu Ogbuoji, Matthew Price, Amitabh B. Suthar, Eyerusalem K. Negussie, Till Bärnighausen

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| Box A1. Search algorithms for systematic reviews of ART adherence-enhancing interventions in general |
| *Database* | *Search Algorithm* |
| Cochrane Library | ((“Antiretroviral Therapy, Highly Active”[Mesh] OR “Anti-HIV Agents” [Mesh]) AND (“Patient Compliance”[Mesh] OR “Medication Adherence”[Mesh])); limits: Cochrane review or Other reviews |
| EMBASE | (('highly active antiretroviral therapy'/exp OR 'anti human immunodeficiency virus agent'/exp) AND ('patient compliance'/exp) AND ('meta analysis'/exp OR 'systematic review'/exp)) |
| MEDLINE | (("Antiretroviral Therapy, Highly Active"[Mesh] OR "Anti-HIV Agents"[Mesh]) AND ("Patient Compliance"[Mesh] OR “Medication Adherence”[Mesh])); limits: systematic review or meta-analysis |
| Web of Science | ((TS=Antiretroviral Therapy, Highly Active OR TS=Anti-HIV Agents OR TS=Antiretroviral) AND (TS=Medication Adherence OR TS=Patient Compliance OR TS=Adherence)) AND (TS=Systematic Review OR TS=Meta-analysis OR TS=Review) |
| WHO Global Health Library\* | MeSH Terms: ("Antiretroviral Therapy, Highly Active" OR "Anti-HIV Agents") AND ("Patient Compliance" OR "Medication adherence"); limits: Subjects in Regional Index |

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| Box A2. Search algorithms for RCTs of ART adherence-enhancing interventions |
| *Database* | *Search Algorithm* |
| ClinicalTrials.gov | ("Antiretroviral Therapy, Highly Active" OR "Anti-HIV Agents") AND ("Patient Compliance" OR "Medication adherence") | updated from 09/01/2010 to 08/31/2012 |
| Cochrane Central Register of Controlled Trials | ((“Antiretroviral Therapy, Highly Active”[Mesh] OR “Anti-HIV Agents” [Mesh]) AND (“Patient Compliance”[Mesh] OR “Medication Adherence”[Mesh])); limits: trials, from 2010 to 2012 |
| EMBASE | (((exp highly active antiretroviral therapy/) OR (exp anti human immunodeficiency virus agent/)) AND (exp patient compliance/ or adherence.mp.)) AND ((exp “meta-analysis”) OR (systematic review.mp. or exp “systematic review”/)) |
| MEDLINE | (("Antiretroviral Therapy, Highly Active"[Mesh] OR "Anti-HIV Agents"[Mesh]) AND ("Patient Compliance"[Mesh] OR adherence[All Fields])) AND (("2010/09/01"[PDAT] : "2012/08/31"[PDAT]); limits: Clinical Trial, Randomized Controlled Trial, OR Controlled Clinical |
| Web of Science | ((TS=Antiretroviral Therapy, Highly Active OR TS=Anti-HIV Agents OR TS=Antiretroviral) AND (TS=Medication Adherence OR TS=Patient Compliance OR TS=Adherence)) AND (TS=Clinical Trial OR TS=Randomized Controlled Trial OR TS=Controlled Trial); Limit: Timespan=2010-09-01 – 2012-08-31 |
| WHO Global Health Library\* | MeSH terms: ("Antiretroviral Therapy, Highly Active" OR "Anti-HIV Agents") AND ("Patient Compliance" OR "Medication adherence"); limits: Subjects in Regional Index |