Search strategy - **Diagnostic Accuracy of HIV antibody detection in oral fluids compared to blood based HIV antibody tests in patients screened for HIV status - A Systematic review and Meta-analysis**

1 **MEDLINE search strategy**

“#1 (((HIV)[Mesh]) OR "Acquired Immunodeficiency Syndrome"[Mesh]) OR "AIDS Serodiagnosis"[Mesh]) OR "HIV Antibodies/analysis"[Mesh]) OR "HIV Antigens/analysis"[Mesh])

#2 (((salivary [ti]) OR saliva [ti]) OR oral fluid [ti]) OR oral mucosal transudate [ti])

#3 ((((point-of-care [ti]) OR test [ti]) OR blood [ti]) OR serum [ti]) OR rapid [ti]

#4 (((Saliva) OR Oral fluid) OR Oral fluid specimen) OR Oral mucosal transudate) OR Salivary

#5 HIV, saliva

#6 (sensitivity OR specificity OR diagnostic accuracy)

#7 (#1 OR #5)

#8 (#7 AND #2 AND #3 AND #4 AND #6)

2 **Embase search strategy via Ovid**

1 (HIV or Acquired immunodeficiency syndrome or AIDS serodiagnosis or HIV antibodies).af.

2 (Salivary or Saliva or Oral fluids or Oral mucosal transudate).ti.

3 (point-of-care or test or blood or serum or rapid).ti.

4 (sensitivity OR specificity OR diagnostic accuracy)

5 1 AND 2 AND 3 AND 4

3 **US National Institutes of Health Trials Register search strategy**

Oral fluids or saliva

HIV
4 WHO Clinical Trials Registry search strategy

Oral fluids or saliva
HIV

5 Cochrane DTA Register search strategy

((HIV* or "Acquired Immunodeficiency Syndrome*" or "HIV Antigens*" or "HIV Antibodies*") AND (salivary* or saliva* or blood* or rapid* or "oral mucosal transudate*" or test* or "oral fluid*")) AND (sensitivity* or specificity* or "diagnostic accuracy*"))

6 Cochrane library, CENTRAL search strategy

#1HIV near diagnosis*
#2AIDS near diagnosis*
#3HIV near antibodies*
#4HIV near antigens*
#5#1 or #2 or #3 or #4
#6Saliva*
#7Oral fluids*
#8Oral mucosal transudate*
#9Salivary*
#10#6 or #7 or #8 or #9
#11point-of-care*
#12test*
#13rapid*
#14blood*
#15serum*
#16#11 or #12 or #13 or #14 or #15
#17#5 and #10 and #16