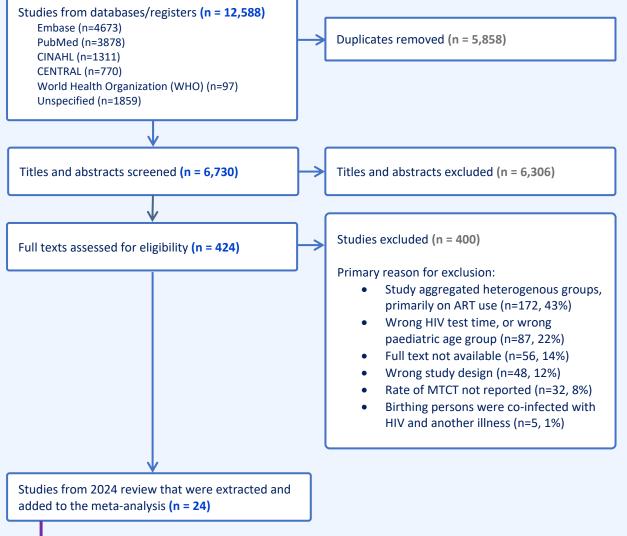
2018 Review: (n = 23) **2015** Review: (n = 49) 2012 Review: (n = 38) Stover et al. AIDS Rollins et al. Sex Trans Infect Mahy et al. AIDS **Previous Reviews** 2019 2012 2017 Years covered: 2015-2018 Years covered: 2012-2015 Years covered: 1990-2012 → Studies excluded (n = 2)^c → Studies excluded (n = 13)^B → Studies excluded (n = 7)^A Studies included in final meta-Studies included in final meta-Studies included in final metaanalysis (n = 36)analysis (n = 20)analysis (n = 30)Previous reviews informed the 2024 review approach **2024 Systematic Review** 1 January 2018 to 8 February 2024 Studies from databases/registers (n = 12,588) Embase (n=4673) Duplicates removed (n = 5,858)PubMed (n=3878) CINAHL (n=1311) CENTRAL (n=770) World Health Organization (WHO) (n=97) Unspecified (n=1859)



Total number of studies included in the final 2024 meta-regression (n = 110)

Model 3 (n = 57)

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Model 1 (n = 17)
Untreated WLHIV
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Previous review (2018) (n = 15)Added in 2024 (n = 2)

Region ESA (n = 9)WCA (n = 2)AP(n = 1)WCENA (n = 2)

MENA (n = 1)Multiple regions (n = 2) Seroconversion and short course PMTCT Previous review (2018) (n = 53)Added in 2024 (n = 5)Region ESA (n = 41)WCA (n = 6)LAC (n = 1)AP(n=4)WCENA (n = 3)Multiple regions (n = 3)

Model 2 (n = 58)

Lifelong ART, perinatal VT Previous review (2018) (n = 39)Added in 2024 (n = 18)Region ESA (n = 23)WCA (n = 2)LAC (n = 1)AP (n = 5)WCENA (n = 23)Multiple regions (n = 3)

Model 4 (n = 16) Lifelong ART, breastfeeding VT Previous review (2018) (n = 11)Added in 2024 (n = 5)Region ESA (n = 12)WCENA (n = 2)Multiple regions (n = 2) VLS (n = 15) VL at delivery Previous review (2018) (n = 11)Added in 2024 (n = 4)Region ESA (n = 3)AP(n = 1)WCENA (n = 11)