Appendix D Table 32. Benefits of Primary Care Interventions for Child Maltreatment Prevention From Randomized, Controlled Trials in the Main Analysis (KQ1) – Decreased Internalizing, Externalizing, or Internalizing and Externalizing Behaviors, Categorical Outcome

| Author, YearQualityOverall Sample Size (Analyzed) | Outcome Definition | Followup Timing | Number of Participants Exhibiting Internalizing, Externalizing, or Both Behavioral Problems, G1 No. (%)  | Number of Participants Exhibiting Internalizing, Externalizing, or Both Behavioral Problems, G2No. (%)  | Number of Participants Exhibiting Internalizing, Externalizing, or Both Behavioral Problems, G3No. (%)  | Number of Participants Exhibiting Internalizing, Externalizing, or Both Behavioral Problems, G4No. (%)  | Effect Estimate or Other Outcome Measure |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Caldera et al, 200792GoodTotal N=364 families randomized (N analyzed=249) | Percentage of participants with a normal CBCL internalizing score  | 2 years | NR (79) | NR (87) | NA | NA | AOR, 2.06 (95% CI, 1.31 to 3.25, p<0.01) |
| Caldera et al, 200792GoodTotal N=364 families randomized (N analyzed=249) | Percentage of participants with a normal CBCL externalizing score | 2 years | NR (77) | NR (82) | NA | NA | AOR, 1.48 (95% CI, 1.14 to 1.94, p<0.01) |
| Guyer et al, 2003115FairTotal N=2,235 families\* (N analyzed=1,593) | Percentage of children more aggressive; based on CBCL score ≥14, completed during parent interview | 30–33 months | NR (14.6) | NR (17.0) | NA | NA | AOR, 1.20 (95% CI, 0.89 to 1.61, p>0.05) |
| Guyer et al, 2003115FairTotal N=2,235 families\* (N analyzed=1,593) | Percentage of children more anxious or depressed; based on CBCL score ≥9, completed during parent interview | 30–33 months | NR (9.0) | NR (10.5) | NA | NA | AOR, 1.35 (95% CI, 0.93 to 1.95, p>0.05) |
| Lowell et al, 2011117GoodTotal N=157 families randomized (N analyzed=117) | ITSEA externalizing | 6 months | (36.5) | (22.8) | NA | NA | p=NS |
| Lowell et al, 2011117GoodTotal N=157 families randomized (N analyzed=117) | ITSEA externalizing | 12 months | (29.1) | (17.0) | NA | NA | P<.05 |
| Lowell et al, 2011117GoodTotal N=157 families randomized (N analyzed=117) | ITSEA internalizing | 6 months | (1.6) | (3.5) | NA | NA | p=NS |
| Lowell et al, 2011117GoodTotal N=157 families randomized (N analyzed=117) | ITSEA internalizing | 12 months | (1.8) | (1.9) | NA | NA | p=NS |
| Minkovitz et al, 2007116FairTotal N=2,235 families\* (N analyzed=1,308) | Clinical/borderline concern regarding child’s behavior; based on CBCL | 5.5 years | 100 (16.5) | 132 (20.2) | NA | NA | AOR, 1.26 (95% CI, 0.94 to 1.69, p=0.09) |

\* The RCT-only portion of the study originally randomized 2,584 children at birth before enrollment or before they were checked for eligibility. Among them, 2,235 children were enrolled into the study.

**Abbreviations:** AOR=adjusted odds ratio; CBCL=Child Behavior Checklist; CI=confidence interval; G=group; ITSEA=Infant Toddler Social Emotional Adjustment Scale; KQ=key question; N=number; NA=not applicable; No.=number; NR=not reported; NS=not sufficient; RCT=randomized, controlled trial.