Supplemental File B

Level of Evidence\* at Post Test for Intervention Approaches among Couple and Family-Based Psychosocial Interventions for Infant and Early Childhood Mental Health (IECMH), 2010-2019

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| --- | --- | --- | --- | --- |
| Level of Evidence | Intervention Approach | Study | Study Design | IECMH Outcome Results\*\* |
| Level 2: Probably Efficacious |  |  |  |  |
|  | Interventions to Support Adolescent Mothers |  |  |  |
|  |  | Barlow et al. (2015) | Random | I > C |
|  |  | Jacobs et al. (2016) | Random | I > C |
|  |  | Crugnola et al. (2016) | Non-random | I > C |
|  |  |  |  |  |
|  | Behavioral Interventions to Support Parents of Toddlers |  |  |  |
|  |  | Kochanska et al. (2013) | Random | I > C |
|  |  | *Niccols (2009)* | *Random* | *I > C* |
|  |  | Lauw et al. (2014) | Single group | I > C |
|  |  |  |  |  |
|  | Home Visiting Interventions to Provide Individualized Support to Parents |  |  |  |
|  |  | Cluxton-Keller et al., (2014) | Random | I > C |
|  |  | Cote et al. (2018) | Random | I = C |
|  |  | Cupples et al (2011) | Random | I = C |
|  |  | Fergusson et al. (2013) | Random | I > C |
|  |  | Katz et al. (2011) | Random | I = C |
|  |  | Sierau et al. (2016) | Random | I = C |
|  |  | Tereno et al. (2017) | Random | I = C |
|  |  | Chartier et al. (2017) | Non-random | I = C |
|  |  | Sadler et al. (2013) | Non-random | I > C |
|  |  | Sidor et al. (2013) | Non-random | I > C |
|  |  | Cullen et al. (2010) | Single group | I > C |
|  |  |  |  |  |
|  | Tiered Interventions to Provide Support Based on Assessed Risk |  |  |  |
|  |  | *Caughy et al. (2004)* | *Random* | *I > C* |
|  |  | Chang et al. (2014)a | Random | I = C |
|  |  | Sitnick et al. (2015)a | Random | I > C |
|  |  | Svanberg et al. (2010) | Non-random | I > C |
|  |  |  |  |  |
|  |  |  |  |  |
| Level 3: Possibly Efficacious |  |  |  |  |
|  | Couple Interventions to Support the Transition to Parenthood |  |  |  |
|  |  | Feinberg et al. (2016) | Random | I > C |
|  |  |  |  |  |
|  | Parent-Infant Psychotherapy |  |  |  |
|  |  | Bagner et al. (2016) | Random | I > C |
|  |  | Cassidy et al. (2011) | Random | I = C |
|  |  | Horowitz et al. (2013) | Random | I = C |
|  |  | Bagner et al. (2013) | Single group | I = C |
|  |  |  |  |  |
| Level 4: Experimental |  |  |  |  |
|  | Interventions to Enhance Parent-Infant Relationships |  |  |  |
|  |  | Barnes et al. (2017) | Random | I = C |
|  |  | Pontoppidan et al. (2016) | Random | I = C |
|  |  | Cassiba et al. (2015) | Non-random | I > C |
|  |  |  |  |  |
|  | Interventions to Support Breastfeeding by Improving Mother-Infant Interactions |  |  |  |
|  |  | Wood & Sanders (2017) | Single group | I > C |
|  |  |  |  |  |
|  | Parent-Focused Psychotherapy |  |  |  |
|  |  | Lowell et al. (2011) | Random | I = C |
|  |  | Puckering et al. (2010) | Random | I = C |
|  |  | Salomonsson et al. (2011) | Random | I > C |
|  |  | Suchman et al. (2010) | Random | I = C |
|  |  | Smith et al. (2010) | Non-Random | I > C |
|  |  | Paris et al. (2011) | Single group | I = C |
|  |  |  |  |  |
| Unclassifiable Evidence |  |  |  |  |
|  | Curriculum-Based Interventions for At-Risk Parents and Families |  |  |  |
|  |  | Guttentag et al. (2014) | Random | I = C |
|  |  | Kaminski et al. (2013) | Random | I = C |
|  |  | Suess et al. (2016) | Non-random | I = C |
|  |  |  |  |  |
|  | Interventions to Promote Positive Parenting through Shared Reading and Play |  |  |  |
|  |  | Weisleder et al. (2016) | Random | I = C |
|  |  |  |  |  |

Note: Studies listed in *italics* were studies published between 2000 and 2009 that otherwise met our inclusion criteria whose results change the classification of evidence for an intervention approach, so are included in this benchmark Evidence Base review.

\*According to Southam-Gerow & Prinstein (2014) Evidence Base Update criteria

\*\* I > C, intervention superior to the comparison; half or more of the relevant IECMH measures evidenced significant effects in favor of the intervention group. I < C, comparison is superior to the intervention; half or more of the relevant IECMH measures evidenced significant effects in favor of the comparison group. I = C, intervention and comparison are equivalent; any other pattern of IECMH results (i.e., mixed pattern of results).

aSitnick and Chang are different IECMH outcomes from the same intervention and sample and are thus both considered.