

explore characteristics of programmes that are associated with effectiveness.

Aims/Objectives/Purpose To evaluate the effect of parenting programmes on reducing childhood injury and improving safety practices and behaviours and to explore characteristics of programmes that are more and less effective.

Methods Systematic review using Cochrane methodology. We included RCTs, non-RCTs, quasi-RCTs and controlled-before-and-after studies, providing individual or group based parenting interventions to parents of children aged ≤ 18 years which reported injuries, safety equipment, safety behaviours, safety practices or composite scores with a home safety dimension (eg, HOME score). Random effects meta analysis was used to estimate risk ratios and 95% CI. Sub group analyses and meta regressions will explore associations between programme characteristics and effectiveness.

Results/Outcome 22 studies were included, 16 of which were RCTs. Parenting interventions significantly reduced injuries in RCTs (10 trials; RR 0.83, 95% CI 0.73 to 0.94; $I^2=2\%$). A similar effect size was seen in studies of all designs (14 studies; RR 0.82, 95% CI 0.74 to 0.91; $I^2=0\%$). Findings from sub group analyses and meta-regressions will be presented.

Significance/Contribution to the Field Parenting interventions reduce childhood injuries, but some programmes may be more effective than others. Characteristics of effective programmes will be discussed.

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PARENTING INTERVENTIONS TO PREVENT UNINTENTIONAL INJURY: UPDATE AND EXTENSION OF A COCHRANE SYSTEMATIC REVIEW

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Background Parenting programmes can improve behaviour problems in childhood; improve maternal psychosocial health and a range of health outcomes for teenage mothers and their children. Our previous Cochrane review showed parenting programmes can reduce childhood injuries and we now update that review and