Children's Hospital of Philadelphia PolicyLab

Toolkit to Support Teachers' Use of Behavioral Classroom Interventions: Results from a Randomized Pilot Trial

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Teacher-delivered Tier 1 (i.e., whole class) and Tier 2 (i.e., targeted) behavioral classroom interventions are effective in improving student academic and behavioral functioning, but often not delivered as recommended. Implementation strategies, especially strategies that are both feasible and effective, could support teachers in the delivery of these interventions. This pilot randomized controlled trial evaluated the acceptability, feasibility, and preliminary evidence of effectiveness of the Positive Behavior Management Toolkit (PBMT) in supporting teacher implementation and student outcomes. The PBMT is a modular implementation resource package to support K-5 teachers in delivering Tier 1 and Tier 2 behavioral interventions. Twenty teachers were randomized to receive either the PBMT or implementation support as usual. Quantitative and qualitative results suggested that the PBMT was highly acceptable, feasible and contextually appropriate. We also collected data on teacher fidelity to behavioral interventions and student outcomes for enrolled focal students with symptoms of attention-deficit/hyperactivity disorder (ADHD) at baseline and post-intervention. Although the pilot study was underpowered to conduct significance testing, the results suggested the PMBT may be effective in supporting teacher implementation outcomes and were mixed regarding student outcomes.

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