

**BUT WILL YOU LOVE ME TOMORROW? WILL CLINICIANS SUSTAIN USE OF INTERVENTION COMPONENTS AFTER STUDY COMPLETION?** Stacia Finch, MA<sup>1</sup>, Jenny Steffes, MSW<sup>1</sup>, Victoria Weiley, MIS<sup>1</sup>, Shari Barkin, MD<sup>2</sup>. (Sponsored by Stacia Finch)  
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**Background:** Innovations often are introduced to determine their effectiveness, but little is known about their adoption after study conclusion.

**Objective:** To examine clinicians' use of components of a violence prevention (VP) intervention 6 months after conclusion of a cluster randomized clinical trial (RCT).

**Design/Methods:** Pediatric Research in Office Settings (PROS) clinicians (n=105) randomized to the VP intervention arm of a cluster RCT were trained to implement these VP components as part of routine well child care (ages 2-11): review screening questionnaire on family VP behaviors/concerns, identify (with VP worksheet) and provide community referrals for childhood aggression, deliver VP recommendations using brief principles of motivational interviewing (MI), and provide families with "tangible tools" (minute timers, cable locks). Sustainability was measured as reported component use immediately after study completion (n=64) vs 6 months later (n=51); responses ranged from "not at all" to "all the time."

**Results:** Immediately after study completion, most clinicians reported using all intervention components, except providing VP referrals. At 6 months, most clinicians (86%) reported using  $\geq 1$  component at least "some of the time," with almost all incorporating some MI principles. Urban clinicians used the screening questionnaire more than non-urban (80% vs 52%, p=.037). Clinicians serving a large percentage of minority patients ( $\geq 50\%$  African American or Hispanic) used the VP worksheet more than those not (53% vs 39%, NS) but made fewer referrals (67% vs 86%, NS).

### Results of Immediate Feedback vs 6-Month Sustainability Surveys

Components	% Reporting Use			
	"some of the time"		"most"/"all of the time"	
	Immediate	6 Months	Immediate	6 Months
Community VP Resource Worksheet	35%	33%	5%	10%
Review Screening Questionnaire	6%	34%	91%	32%
Provide VP Community Referrals	29%	77%	27%	4%
<b>MI Principles</b>				
1) Reflective Listening	32%	33%	68%	65%
2) Elicit Parent Interest in Change	19%	37%	80%	51%
3) Elicit Parent Confidence in Change	28%	51%	70%	37%

Provision of Tangible Tools				
1) *Minute Timers	8%	25%	92%	0%
2) *Cable locks	14%	22%	78%	6%

\*Respondents used remaining study tools but discontinued when gone

**Conclusion:** Most clinicians sustained use of at least one VP intervention component 6 months post-RCT. Tangible tool cost likely precludes continued use.