## EV0657

## Assessing sustainability of an intensive primary care training for children and adolescents with attention deficit hyperactivity disorder

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Introduction Adherence to practice guidelines for diagnosing and treating attention-deficit/hyperactivity disorder (ADHD) by primary care providers (PCPs) is important for optimizing care for many children and youth. However, adherence is often low. To address this problem, we implemented an intensive intervention in 2009 aimed at improving diagnosis and management of ADHD among PCPs.

Obiectives The study objective is to assess the sustainability of intervention-attributable outcomes.

The study aims are to assess the sustained effect of the intervention on PCP intentions to implement, attitudes toward, and obstacles to implement ADHD practice guidelines.

Methods During November 2009, 48 PCPs from 31 clinical practices completed a 3-day training, 6 months of biweekly telephone peer group reinforcement, and baseline questionnaires; follow-up questionnaires were completed at 12 months. To assess sustainability, we tracked PCPs and administered the questionnaire in 2016. Results Intentions to implement ADHD guidelines remained stable over seven years, with all mean values ranging from "probably will" to "definitely will" implement guidelines.

Generally, favorable self-reported intentions (see Exhibits 1 & 2), attitudes and obstacles to implementing ADHD guidelines were sustained seven years after the intensive training and follow-up intervention.

## Exhibit 1: Enhanced Pediatric Psycho-Pharmacology in Medical Homes

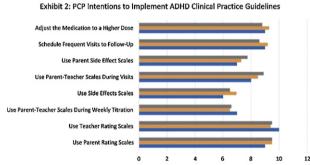
## Questionnaire D Implementation Intentions

Instructions: In this section, we want to find out about your intention to apply different ADHD clinical practices and procedures during the coming months. For each of the statements below, please indicate the extent to which you intend to use the procedure, given your current setting and knowing all that you know. Please indicate this by writing a number from 0 to 10 in the space to the left of cent statement. A number of 0 mean that you definitely do not intend to use the procedure during the coming months. A number of 10 means that you definitely intend to use the guideline during the coming months. The higher the number you assign, the more you intend to use the procedure during the coming months. A good way to use the scale is to find the verbal description underneath the numbers that best corresponds to how you feel. Then assign a number that is above that description.

0	1	2	3	4	5	6	7	8	9	10
Do Not Intend to Use		Some	what Inte	nd to Use		Probab	ly Intend	to Use		initely d to Use

- 1. During the coming months, for my own patients, I intend to use parent rating scales to assess ADHD symptoms at baseline.
- 2. During the coming months, for my own patients, I intend to use teacher rating scales to assess ADHD symptoms at baseline.
- 3. During the coming months, for my own patients, I intend to encourage parents to test out the benefits of medication as a part of my initial assessment.
- 4. During the coming months, for my own patients, I intend to use parent-teacher rating scales when testing different medication doses during weekly titration of medications.
- 5. During the coming months, for my own patients, I intend to use side effects scales when testing different medication doses during weekly titration of medications.
- 6. During the coming months, for my own patients, I intend to use parent-teacher rating scales to monitor ADHD symptoms during regular visits.
- 7. During the coming months, for my own patients, I intend to use parent side effects scales to monitor side effects during regular visits.
- 8. During the coming months, for my own patients, I intend to schedule frequent visits (i.e., every 3 months or more often as needed) to follow up children's ADHD treatment response.
- 9. During the coming months, for my own patients, I intend to adjust the medication to a higher dose when ADHD symptoms remain more problematic than "just a little" on standardized scales when following up children's ADHD treatment responses.

Exhibit 1 Enhanced pediatric psycho-pharmacology in medical homes.



0 = Do not intend to use 10 = Definitely intend to use

Exhibit 2 PCP intentions to implement ADHD clinical practice guidelines.

Disclosure of interest The authors have not supplied their declaration of competing interest.

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