TO EVALUATE EFFECTIVENESS OF ADHD EDUCATION USING COMBINED DATA FROM CLINICIANS AND THEIR PATIENTS

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OBJECTIVES

1. Identify the outcomes useful in evaluating the effectiveness of ADHD education activities.

2. Describe the value of combining data from clinicians and their adult ADHD patients.

3. Highlight the highest goal of continuous medical education (CME) and continuous professional development (CPD) in terms of evaluation.

METHODS

We investigated change in participant competence and performance using 3 post-activity follow-up tools (see Figure 1 for details) and analyzed the data from both clinicians and their adult ADHD patients to evaluate outcomes of the CME activity. Clinicians were exposed to a 10-item online survey conducted with a subset of the CME activity participants (cases) and a matching group of nonparticipants. There were 2 main analyses:

- Each item: Statistical significance case versus control
- Cumulative: Effect size

RESULTS

In our study, we found that participants who attended the CME activity were more likely to:

- Apply criteria to definitively diagnose adult ADHD and potential comorbid disorders (Table 1) to help improve the rates at which clinicians diagnose adult ADHD accurately.
- Develop a strategy for tailoring individualized, comprehensive treatment plans using the best available evidence, given the absence of practice guidelines.
- Impart integrated nonpharmacologic strategy for this patient.
- Counsel patient on strategies for handling challenges in the workplace or at school.
- Provide evidence-based care than those seen by activity nonparticipants.

CONCLUSIONS

The activity was effective at improving clinician knowledge, competence, and performance in terms of:

- Knowledge gain and performance improvement based on a timeliness and relevance survey.
- Reduction in response time, missing data, and poor performance.
- Increase in patient satisfaction and adherence.

This result is consistent with previous studies examining the effectiveness of CME activities, as self-reported by clinicians and their adult ADHD patients.

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