

PW01-57 - LISDEXAMFETAMINE DIMESYLATE AS TREATMENT FOR ADHD IN CHILDREN PREVIOUSLY TREATED WITH OSMOTIC-RELEASE ORAL SYSTEM METHYLPHENIDATE: PARENTAL IMPRESSIONS

D. Antonucci¹, M. Manos², D. Kerney³, F. Lopez⁴

¹Private Practice, Morrisville, PA, ²Children's Hospital, Cleveland Clinic, Cleveland, OH, ³InfoMedics, Inc., Reading, MA, ⁴Children's Developmental Center, Winter Park, FL, USA

Objectives: We assessed parents' perceptions of and satisfaction with daily lisdexamfetamine dimesylate (LDX; Vyvanse[®], US tradename, Shire US Inc.) treatment for their children with attention-deficit/hyperactivity disorder (ADHD) previously treated with osmotic-release oral system methylphenidate (OROS-MPH).

Methods: Parents of children with ADHD were surveyed via telephone or Internet about their child's experience before and approximately 6 weeks after initiating LDX treatment. Participants received a \$25 coupon toward their child's next LDX prescription after survey completion. Post hoc analyses using the Wilcoxon signed rank test were performed.

Results: School time was the most frequently reported most bothersome time of day at baseline (41%), followed by homework time (23%). At follow-up, most parents reported improvement during their child's most bothersome time of day. Significantly less interference from ADHD symptoms with school activities, family interactions, homework, and social interactions was reported (all $P < .01$). LDX tolerability and convenience were rated, on average, 7.1 and 8.0, respectively (1=not at all well tolerated/convenient, 9=very well tolerated/convenient). Satisfaction with LDX was significantly higher than satisfaction with OROS-MPH treatment (6.9 and 5.0, respectively, $P < .01$ [1=not at all satisfied, 9=very satisfied]). Eighty-four percent of parents reported that they intend for their child to continue taking LDX.

Conclusions: Parents of children with ADHD who were previously treated with OROS-MPH and currently taking LDX reported less interference of ADHD symptoms with daily activities after LDX treatment and high satisfaction with LDX. LDX was also well tolerated and convenient to use.

Supported by funding from Shire Development Inc.