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Brief Report: Initial Testing of Scales Measuring Parent and Adolescent Perceptions of Adolescents' Assumption of Diabetes Management

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► Abstract

Objective This study tested parallel adolescent and parent versions of the Perceptions of Adolescents' Assumption of Diabetes Management scales. **Methods** First, 78 items developed from interview data were reviewed by a panel of adolescent and diabetes experts. Next, the scales were piloted with 43 adolescents with type 1 diabetes and their parents and, finally, tested with 100 dyads. Item and principal component analyses were performed. **Results** Following content validity and item analyses, five and four items remained in the advantages and disadvantages scales, respectively. One factor accounted for between 54 and 63% of variance, and internal consistency reliability ranged between .78 and .84 for the various versions of the scales. **Conclusions** The Perceptions of Adolescents' Assumption of Diabetes Management

scales show promise as parsimonious and reliable tools for use in research and practice related to parent–adolescent relationships in regard to adolescents’ assumption of diabetes management.

Key words: adolescents; diabetes; diabetes management responsibility; perceptions.

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