Parenting an Overweight or Obese Teen: Issues and Advice from Parents

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ABSTRACT
Objective: This qualitative study addresses: (1) what challenges parents of overweight adolescents face and (2) what advice parents of overweight adolescents have for other parents.
Design: One-on-one interviews were conducted with parents of overweight or previously overweight adolescents.
Setting: Medical clinic at the University of Minnesota.
Participants: Twenty-seven parents of adolescents (12-19 years) who were either currently or previously overweight recruited from the community.
Main Outcome Measures: Qualitative interviews related to parenting overweight adolescents.
Analysis: Content analysis was used to identify themes regarding parental experiences.
Results: Issues most frequently mentioned were (1) uncertainty regarding effective communication with adolescent about weight-related topics; (2) inability to control adolescents’ decisions related to healthful eating and activity behaviors; (3) concern for adolescents’ well-being; and (4) parental feeling of responsibility/guilt. Parental advice most often provided included: (1) setting up a healthful home environment; (2) parental role modeling of healthful behaviors; and (3) providing support/encouragement for positive efforts.
Conclusions and Implications: Topics for potential intervention development include communication and motivation of adolescents regarding weight-related topics, appropriate autonomy, and addressing negative emotions concerning the adolescent’s weight status. Targeting these topics could potentially improve acceptability and outcomes for treatments.
Key Words: adolescence, parenting, obesity, overweight (J Nutr Educ Behav. 2012;44:500-506.)

INTRODUCTION
The high prevalence and steady increases in overweight and obesity among adolescents over the past 30 years are of significant public health concern.1 Overweight and obese adolescents have an increased risk for physical comorbidities, including type 2 diabetes, and negative psychosocial consequences stemming from the stigma associated with being overweight.2 Additionally, overweight and obese adolescents are at a significantly increased risk for obesity in adulthood.3,4 Most treatment studies of overweight and obese youth have focused on the preadolescent age range,6,7 and fewer have focused on adolescents.8,9 It can be challenging to know how to involve parents in interventions for adolescents because of issues related to developing autonomy and increasing independence. Parents of overweight and obese adolescents often find themselves in a dilemma. On one hand, parents may be concerned about their adolescent’s health, the psychosocial stigmas, and the negative physical consequences associated with being overweight or obese. On the other hand, parents also recognize their adolescent’s need for autonomy. Thus, parents may struggle with what to say or do to best help their adolescent manage his or her weight.

Parents have an important role in helping their children and adolescents to adopt healthful behaviors.10,11 Mechanisms by which parents may influence eating habits and behaviors include family meals,12-15 food availability at home,16-19 and discussing or encouraging dieting.20-24 Mechanisms by which parents can influence physical activity levels are parent modeling of physical activity behavior25,26 and support for their children’s physical activity.27,28 Unfortunately, providing this type of support can be challenging for families and can become especially difficult when coupled with an adolescent’s development of autonomy. To ultimately inform interventions, it is important to develop a greater body of knowledge related to parenting overweight and obese adolescents.

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To the best of the authors’ knowledge, only 1 published qualitative study has explored experiences of parenting an overweight child. Jackson and colleagues interviewed mothers of overweight youth (ages 14 months to 15 years) about their experiences in parenting. The study found that mothers often felt judged and blamed for their child’s weight status, were frustrated with how to best help their child, and worried about their child’s future. Additionally, the mothers all identified modeling healthful behaviors as a strategy for helping their children. Although the Jackson study has highlighted some of the issues that parents face when they have an overweight child, this study recruited parents of youth from a wide age range. Considering the challenges associated with parenting adolescents in general, and to identify potential targets for interventions, it is important to identify issues faced specifically by parents of overweight adolescents. The current study addresses this gap in the literature by posing 2 research questions: (1) what issues do parents of overweight adolescents face? and (2) what advice do parents of overweight adolescents have for other parents?

METHODS
Participants
Parents of adolescents were recruited from a larger study entitled Successful Adolescent Weight Losers, which surveyed adolescents (ages 12-17 years) and their parents to determine factors contributing to successful weight loss among adolescents. Two groups of overweight and obese adolescents were recruited for the Successful Adolescent Weight Losers study: those who lost weight and those who did not. Inclusion criteria for the adolescent weight loss group included a self-reported loss of at least 10 pounds in the past 2 years, maintenance of the weight loss for at least 3 months, and overweight or obese status (> 85% sex- and age-adjusted body mass index [BMI] percentile) before weight loss. Inclusion criteria for the comparison group included overweight or obese status (> 85% sex- and age-adjusted BMI percentile) and no reported weight loss within the past 2 years. Adolescents were excluded from the study if they had ever been diagnosed with an eating disorder or had any physical or psychological condition (ie, cancer, depression) that could have an impact on weight.

Parental interviews were conducted with 26 mothers and 1 father. The average age of the parents was 47.5 years, and 74% identified themselves as Caucasian, 19% as Native American, and 7% as African American. Fifteen percent of parents had an income < $20,000; 7% of parents had an income of $20,000-$40,000; 19% of parents had an income of $40,000-$60,000; 45% of parents had an income > $60,000; and 14% of parents did not report their income. Of the mothers interviewed, 20 had female adolescents and 6 had male adolescents. The father interviewed had a female adolescent. All parents lived in the Minneapolis/St. Paul metropolitan area. Fourteen interviews were with parents whose adolescent did not lose weight (adolescent mean BMI percentile = 97.5%), and 13 interviews were conducted with parents whose adolescent had successfully lost 10 pounds and kept it off for 3 months (adolescent mean BMI percentile = 87.2%).

Twenty-two percent of the sample (6 adolescents) reported that he or she had worked with a dietician. Initially, the 2 parent groups were analyzed separately to examine similarities and differences in responses between the groups. As the interviews were analyzed, no remarkable differences were noted in responses between the parents of adolescents who lost weight and those who did not; therefore, these groups were combined for final analysis.

Procedures
One-on-one interviews were conducted with parents at a University of Minnesota medical clinic. Questions were formulated and piloted with a few parents prior to beginning the study. Two trained researchers conducted interviews using standardized interview questions. Parents were asked 8 broad questions to explore their experiences in parenting an overweight adolescent (Figure). Interview questions addressed parents’ attempts to help adolescents manage their weight, issues parents of overweight and obese adolescents face, and advice parents have for other parents. Additional probing questions were used at the interviews’ discretion to obtain more information from participants when necessary or to clarify participant responses.

Interviews were audiotaped and varied in length, averaging 30-45 minutes. Tape-recorded interviews were reviewed immediately to allow the interviewer to summarize and record impressions and note themes expressed by parents. Parents were selected on a rolling basis until themes began to repeat themselves and theoretical saturation was reached. Informed consent was obtained from participants prior to the interviews. Interviews were conducted between December, 2004 and November, 2005, and study procedures were approved by the University of Minnesota Human Subjects Committee.

Data Analysis
Interviews were transcribed verbatim from audiotape and were then examined using content analysis techniques described by Miles and Huberman. Transcripts were reviewed using an inductive method to identify emerging themes. Two main themes, issues parents face and advice for other parents, were identified from the interviews. Based on these themes, a coding template was developed. Following discussion with the research team, a final coding template was developed and all interviews were analyzed in entirety to ensure all responses were captured, whether or not they were in direct response to questions pertaining to parental issues or advice. All transcripts were double coded, once by the second author and once by an individual with expertise in the field of pediatric overweight and who was not a part of the research team. Agreement between the 2 coders was calculated using the formula: number of agreements/total number of agreements plus disagreements. Inter-rater reliability was 90%. Discrepancies were discussed until total agreement was reached among interviewers.

RESULTS
Issues Faced by Parents of Overweight Adolescents
Participants (n = 27) identified many issues related to parenting an
Issues most frequently mentioned by parents included lack of knowledge about how to communicate with the adolescent about weight-related topics (n = 15), an inability to control the adolescent’s decisions or make decisions for their adolescent about eating or physical activity behaviors (n = 14), a concern for the adolescent’s well being (n = 11), and parental feeling of responsibility for the adolescent’s weight problems (n = 10).

Communication with the adolescent. Over half of parents discussed difficulty in communicating with their adolescent about eating or weight-related issues. Parents worried about being perceived as nagging or annoying, and several struggled with comments being misinterpreted by adolescents. One parent of a 15-year-old girl stated: “We’re very careful not to say anything to her that will set her off or that she can take as criticism.” Another mother of 15-year-old girl commented:  

I just feel like maybe I’m almost warning her too much because even last night she said, “I’m sick of you telling me what to eat and what not to eat.” She’s tired of it. I feel like maybe I should back off.

A mother of a 17-year-old girl commented, “I try to stress to her what she needs to do, she has to lose weight, do some activities…and if I try and tell her she just gets more annoyed.”

Parents also struggled with how to communicate the importance of changing eating or exercise habits without lowering their adolescent’s self-esteem, which was often already perceived as low. A parent of a 13-year-old girl said:

I lived through my [older] daughter feeling insecure about her weight, and just in trying to tell them that I think they need to exercise more, there were real strong reactions from the girls feeling very offended and hurt.

Even parents whose adolescents had successfully lost weight still struggled with communication issues. One mother whose 18-year-old daughter had lost weight commented:

It’s been more of an issue now, when she’s put some of the weight back on. You don’t want to say anything because she’ll just let you have it. Even though she had opened the door before on it, they have to decide for themselves. I think her dad actually said something to her once and she just tuned him out.

Inability to control the adolescent’s decisions. Parents also discussed frustrations with not being able to control their adolescent’s decisions about eating and physical activity. Parents struggled with not being with their adolescents all of the time, as well as not being able to force them to make changes in their eating or activity behaviors. Several parents commented that although they could encourage their adolescents to make good choices, there was a significant level of frustration in the loss of control experienced as their children became adolescents and strove for more autonomy. A mother of a 14-year-old girl stated, “I’m trying to get her to get into more exercise, and I’ve got her on a diet, but I can’t be around her all the time.” She went on to say, “When she goes out of the house or out of my sight, she eats what she’s not supposed to eat.” The mother of a 17-year-old girl mentioned similar frustrations, “I’m not with my child 24/7, and if I’m not home and if it’s there, she’s going to help herself.” A mother of a 12-year-old girl said:

I could pretty well control what she was eating as a smaller child. Now, less and less. Most nights we have dinner together. I will insist she at least try the vegetable, and that’s about as far as I feel I can realistically go with controlling it.

Concern for the adolescent’s well-being. Parents also discussed their concerns for their overweight adolescents’ physical and mental health. Several parents felt conflicted in wanting their children to lose weight and be thinner because it would likely make life easier, despite knowing that a person’s weight was not something that defined who or what they are. Several parents, who were overweight themselves, wanted their adolescents to lose weight because they understood, firsthand, the physical and psychosocial consequences of being overweight and did not want their children to go through a similar experience. A mother of a 19-year-old girl commented:

Because I’m overweight myself, I just know how happy, much happier she would be if she’s not overweight, or she’s at a better weight,
Another mother of a 15-year-old girl said:

*It’s hard, because in the way of the world, I think she could be happier if she wasn’t overweight. It bugs me because I just think that some of the things that she worries about wouldn’t be such a big worry if she was thinner.*

**Parental responsibility.** Many parents struggled with feeling responsible for their adolescents’ weight problems. Most parents commented that both parents and adolescents have a role in making healthful decisions, but often parents felt they should be doing more to instill healthful habits in their adolescents. One mother felt like she was responsible for her daughter being overweight and commented:

*I feel like I almost gave her that problem because of the way I cook or the way I serve. I guess I blame myself a lot. Just thinking that if I would have done things differently, maybe she wouldn’t have that problem. I don’t know; I made it too available, made too much food.*

A mother of a 13-year-old girl said:

*Most of the time we don’t eat together. And who’s responsible for that? Me. The mother is. I’ve just been very lackadaisical, and I know that my kids would benefit from more structured eating.*

**Advice for Other Parents of Overweight Adolescents**

Parents (n = 24) talked about strategies they felt were or would be helpful or important and offered many suggestions for other parents to help adolescents lose weight and improve eating and exercise habits. Advice most often noted by parents included having a healthful home environment (n = 15), role modeling healthful behaviors (n = 12), and providing support and encouragement for positive efforts (n = 9).

**Healthful home environment.** The majority of parents discussed the importance of having a healthful home environment to help adolescents with weight management. Parents believed setting up a household that supports a healthful lifestyle would have a positive effect on adolescents’ behaviors. Many parents discussed having fruit, vegetables, healthful snacks, and water available as 1 of the best ideas for setting adolescents up to be successful in changing eating habits and losing weight. Some parents also felt having exercise equipment available for adolescents at home was part of setting up a healthful home environment. The mother of a 17-year-old girl stated:

*She wanted to join a gym, but it was too expensive. So we went out and got some videos and an exercise ball and then got a good quality treadmill, too. So we have it all available at home when she wants to use it.*

A mother of a 12-year-old boy said:

*I think it’s important to have healthy snacks available right away. I think just having healthy food ready so you don’t sabotage your child. Just have the healthy stuff available and not a lot of junk available in the house.*

**Role modeling healthful behaviors.** Parents also discussed the importance of modeling healthful behaviors and suggested parents examine the eating and exercise behaviors they model to their children. Specifically, parents mentioned practicing what is being preached to adolescents and making sure that, as a parent, you are modeling healthful behaviors. The mother of a 13-year-old girl said, “I think my recommendation would be for teens to see parents participating, too. If you eat differently and you exercise different than they are, it doesn’t mix.” A mother of a 13-year-old girl said, “Parents need to be consistent in their own actions. That means don’t role model to the kids McDonald’s if you want them to be eating healthy salads.”

**Providing support and encouragement.** Several parents discussed providing encouragement and support for positive efforts toward healthful lifestyle behaviors being made by their adolescent. Parents felt positive feedback was important to maintaining their adolescent’s motivation to make healthful behavior changes. Some parents noted that adolescents may become frustrated with the lack of quick results with weight loss and they need to be encouraged to continue positive behaviors that over time will likely result in weight loss. A mother of an 18-year-old girl commented:

*I make sure to tell her when I notice the healthy behaviors she is doing. I know she wants to lose weight right now, but I know it won’t happen as fast as she wants it to. I think giving her good feedback about her eating more fruits and walking more helps her not give up.*

A mother of a 12-year-old girl said, “I think it’s more encouragement and praise when they’re doing things right. Kids need to hear that from their parents.”

**DISCUSSION**

This study examined issues faced by parents of overweight and obese adolescents and advice for other parents in similar situations. Issues raised by parents included difficulties encountered in effectively communicating with their adolescent about weight-related topics, perceived inability to control the adolescent’s decisions about eating and physical activity, concern for the adolescent’s physical and mental well-being, and feelings of personal responsibility for the adolescent’s weight issues. Parental advice for helping overweight adolescents included having a healthful home environment, modeling healthful behaviors, and providing encouragement and support to adolescents for positive behavior changes.

Interestingly, many of the issues participants identified are similar to issues faced by parents of adolescents in general. For instance, communicating effectively about sensitive topics like alcohol and drug use is a struggle many parents face. Parents interviewed for this study may struggle with those same issues as well, but they were additionally concerned about how to discuss weight issues
with their adolescent. Most parents, whether their adolescent had lost weight or not, were unsure of when to bring up the subject of weight, and furthermore, how far to push the subject once the subject was brought up with their adolescent. These findings corroborate findings by Pagnini and colleagues about the challenges in having productive, helpful, and nonjudgmental conversations about weight with their children. Parental advice for other parents of overweight adolescents appears to parallel and address the issues faced in parenting overweight adolescents. For instance, advice for parents to establish a healthful home environment and model healthful behaviors could be helpful in addressing feelings of responsibility for their adolescent’s weight struggles and inability to control all of the adolescent’s decisions related to eating and activity. If parents have healthful food available at home and are modeling healthful eating and exercise habits, they may be less likely to feel their own actions and lifestyle at home are to blame for their adolescent’s weight issues. Additionally, research shows that maternal concern for healthful eating is associated with both maternal and adolescent fruit and vegetable consumption. Similarly, parents may feel more confident in an adolescent’s decision-making ability about healthful eating and activity if they have done what they felt was possible in their own home and modeled healthful behaviors. Results from the current study are also similar to those of Booth and colleagues, who interviewed parents of overweight youth and reported concerns by parents regarding the amount of control they had over weight-related decisions their children make. Parents felt they did have control over what food was in the home. Data from the current study provide further support for quantitative findings showing the importance of parental modeling and home availability of healthful food, such as fruits and vegetables, in the adolescent’s intake, as well as qualitative studies with adolescents citing these factors as contributors to their food choices. Parental provision of healthful meals and modeling of healthful behaviors could assist their adolescent in engaging in these behaviors. The family meal is a time when parents have the opportunity to model healthful eating behaviors, but the frequency of family meals decreases throughout adolescence. In addition to the family meal providing an opportunity to serve as a role model, this is also a time for parents to communicate with their adolescent as well as provide support for positive behavior changes.

The current study provides initial data that support the idea that healthful eating and physical activity behaviors for adolescents could come in the form of both “doing” and “talking.” Parents can think of these 2 categories as methods for influencing their adolescent’s weight. In terms of “doing,” parents can support their adolescent’s physical activity level by engaging in shared activities such as going on evening walks together, playing active games together, and planning active family vacations; by watching their children perform in various sports activities; and by providing transportation to local recreational facilities. Parents can support their adolescent in eating more healthfully by providing a healthful home environment and modeling healthful eating behaviors.

In terms of “talking” about adopting more healthful eating and physical activity behaviors, it is important for parents to remember that their adolescent could have a negative emotional response (ie, sad or angry) when questioned about their weight. In the current study, and in other studies, parents were aware of the psychosocial effects of being overweight. Therefore, exploring other methods of addressing weight issues besides just focusing on weight loss may be needed when working with adolescents, such as being fit and physically active, or eating for health. Practitioners can help facilitate positive change within the family environment for the whole family instead of focusing only on the adolescent. In addition, given the issues about communication, it is important that practitioners recognize these challenges and work to support and help both parents and adolescents.

The current study has several strengths and limitations that deserve notation. A strength of the study is its exploration of parenting issues from the perspective of parents of overweight adolescents. Through the use of one-on-one interviews, rich, in-depth information was gathered from parents about the specific issues they face on a day-to-day basis in parenting overweight adolescents. The interview format also allowed participants to expand upon responses, which created a greater understanding of parental issues. Limitations of the study include a small, self-selected sample size with limited diversity in sex and ethnicity that does not fully represent all population groups. Additionally, some of the adolescents in this study had lost some weight, however, the interviews did not reveal any differences in parental responses between parents of adolescents who lost weight and those who did not. Further research should expand on these findings with larger, more diverse populations.

IMPLICATIONS FOR RESEARCH AND PRACTICE

Findings from this study reveal that parents of overweight and obese adolescents face many issues and have a wealth of information to help other parents facing similar issues. In terms of practice, study findings suggest that it may be helpful for health care providers to include family members in the treatment process as well as consider the adolescent’s level of autonomy and the context in which the adolescent fits into the family structure. It may be most helpful for health care providers to operate in a nonjudgmental manner toward both an overweight adolescent and his or her parents, as discussing weight may bring up negative emotions in both the adolescent and the parent. Findings from the current study further suggest that health care providers should emphasize that parents can set an example and model healthful behaviors both at home and away from home.

This study also provides a number of potential research targets. Many parents interviewed in this study struggled with effectively communicating with their adolescent about weight issues. It is possible that families could benefit from parenting groups for parents of overweight...
adolescents that target communication techniques about weight. Parents also expressed concerns regarding their adolescent’s decisions regarding their weight, physical activity, and eating behaviors, and families may benefit from a focus on motivating their adolescents. In addition, parents in this study identified changes in the home food environment, modeling healthful behaviors, and using praise and support as advice for other parents in similar situations. Further development regarding interventions specifically for parents of overweight adolescents could enhance these points. As mentioned previously, larger studies with more diverse populations are needed.

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REFERENCES

30. Boutelle KN, Libbey H, Neumark-Sztainer D, Story M. Weight


