

### Introduction

Complications of obesity, such as dyslipidemia, abnormal glucose homeostasis, and hypertension, develop in early childhood and make early pediatric obesity management essential.<sup>1</sup> Identification is the first critical step in weight management. Patients who are diagnosed as obese at well child visits receive higher rates of counseling in exercise and nutrition and are more likely to be referred for further specialized management of their weight or comorbidities than those who are obese but not identified in the medical record.<sup>2,3</sup> The 2017 U.S. Preventive Services Task Force Evidence Report reinforces the importance of screening for obesity in children six years and older in conjunction with referral for intensive management <sup>4</sup>; however, most overweight children and a large portion of obese children are not identified or treated by their primary care providers, <sup>2,3</sup> even with the use of automatic BMI calculations in the electronic medical records.<sup>5</sup>

# **Study Objective**

To identify and characterize the rates of documentation and guidelinebased management of overweight and obese children within an academic pediatric clinic at Children's National Health System.

## Methods

- $\blacktriangleright$  A retrospective electronic medical record review of 7,422 well child visits from January 1, 2016 to December 31, 2016, for children 2 to 12 years of age was performed.
- $\blacktriangleright$  This academic clinic cares for a primarily urban, minority (80%) African American), and Medicaid (85%) population.
- $\triangleright$  During this 1-year study, there were 79 pediatric residents, 19 attending pediatricians, and 5 nurse practitioners who treated patients.
- > Consistent with current expert committee recommendations, children were defined as overweight, obese, and severely obese based on ageand sex-specific BMI percentiles.<sup>6</sup>
- > Diagnosis and treatment were analyzed by patient's weight diagnosis, sex, age, and provider training level.

### References

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