

Implementing the AAP 2017 guidelines for BP screening in the pediatric out patient clinics at Upstate

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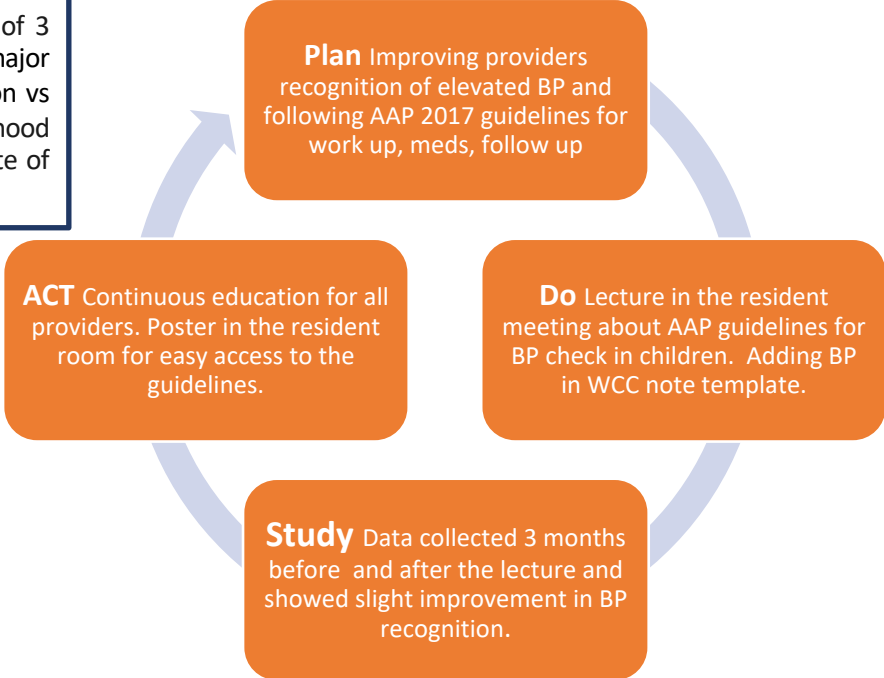
First Cycle



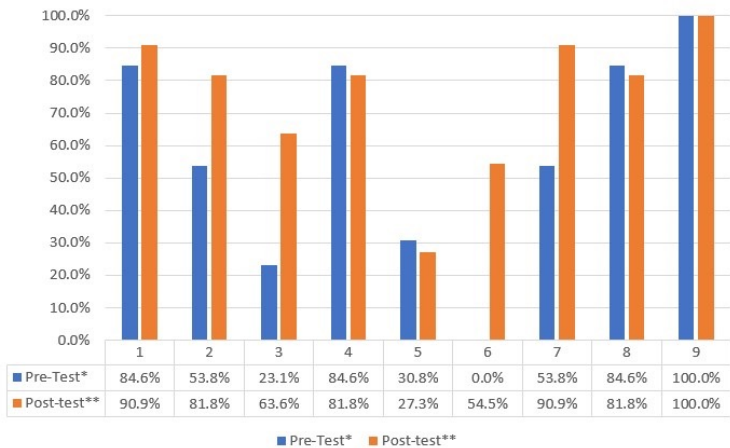
The importance of BP screening in Pediatrics

The AAP recommends routine screening of BP for all children starting the at age of 3 years (1). A recent large population-based study showed that the incidence of major adverse cardiac events was 4.6 per 1000 person-years in children with hypertension vs 2.2 per 1000 person-years in controls (2). A trend of increasing prevalence of childhood hypertension was observed during the past 2 decades, with a relative increasing rate of 75% to 79% from 2000 to 2015 (3).

Second Cycle



Nursing Survey Results

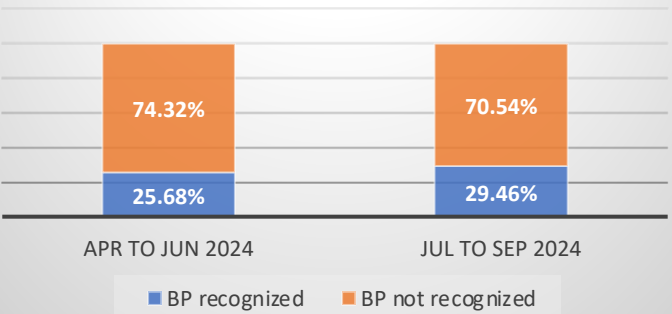


Footnote:

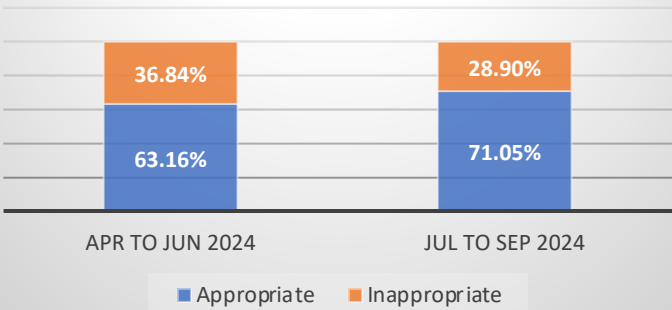
* Based on a total of 13 surveys

**Based on a total of 11 surveys

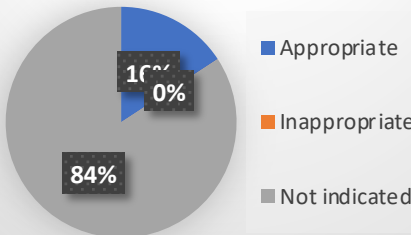
Abnormal BP recognition



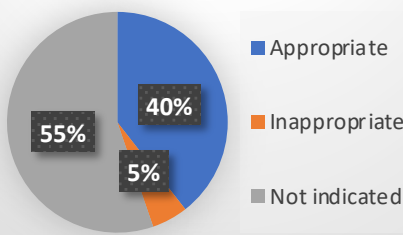
Follow up if BP is abnormal



Work up: Apr to Jun 2024



Work up: Jul to Sep 2024



1. Flynn, Joseph T., et al. "Clinical practice guideline for screening and management of high blood pressure in children and adolescents." *Pediatrics* 140.3 (2017).
2. Robinson, C. H., Hussain, J., Jeyakumar, N., Smith, G., Birken, C. S., Dart, A., ... & Chanchlani, R. (2024). Long-term cardiovascular outcomes in children and adolescents with hypertension. *JAMA pediatrics*.
3. Song, P., Zhang, Y., Yu, J., Zha, M., Zhu, Y., Rahimi, K., & Rudan, I. (2019). Global prevalence of hypertension in children: a systematic review and meta-analysis. *JAMA pediatrics*, 173(12), 1154-1163.