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### **Clinical practice guidelines for the diagnosis, evaluation, and management of hypertension in Korean children and adolescents**

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**Case Study :** Pediatric hypertension (HTN) is a significant, growing health concern worldwide and also in Korea. Diagnosis, evaluation, and treatment of HTN in Korean children and adolescents are uncertain due to limitations in using the current international guidelines, since the recommendations by the American Academy of Pediatrics (AAP) and European Society of Hypertension (ESH) guidelines differ. Furthermore, these are guidelines for Western youth, who are racially and ethnically different from Koreans. In addition, reference blood pressure values for all pediatric age groups, which are essential for the diagnosis of HTN according to these two guidelines, are absent in Korea. Therefore, HTN guidelines for Korean children and adolescents should be established. We tried to establish clinical practice guidelines for the diagnosis, evaluation, and management of HTN in Korean children and adolescents. These practice guidelines are based on reported clinical evidence, expert recommendations, and AAP and ESH guidelines. The characteristics of Korean youth and the Korean medical and insurance system were considered during the establishment of the guidelines. By providing recommendations suitable for Korean youth and case reports, this presentation will help in the prevention and management of childhood HTN, thus relieving the burden of cardiovascular disease in adulthood in Korea.