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Trends in the prevalence of heart diseases over a ten-year period from single-center observations based on a large echocardiographic database

Key words: Prevalence, Trends, Heart diseases, Epidemiology

Research Summary

The present study indirectly demonstrates the prevalence of several common heart diseases in China has declined in recent years.

- The prevalence of rheumatic heart disease **decreased** over the 10-year period, from 4.04% in 2003 to 3.06% in 2012
- Infective endocarditis also **decreased**
- The prevalence of the three most common adult congenital heart diseases **decreased** by about 10% from 2003-07 to 2008-12

Research Summary

- HCM was not rare and apical HCM was common(20%).There was ***no obvious change*** in the prevalence of HCM or its subgroups over the 10-year period
- The prevalence of moderate pulmonary arterial hypertension (PAH) or left ventricular systolic dysfunction (LVSD) decreased during the 10-year period, but there was ***no change*** in the prevalence of ***severe PAH or LVSD***