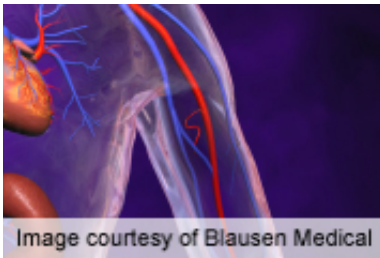


Prevalence of hospitalization due to hypertensive disease up

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(HealthDay)—From 1980 to 2007, the prevalence of hospitalization attributable to hypertensive disease increased for U.S. adults, according to a study published in the Sept. 1 issue of *The American Journal of Cardiology*.

Longjian Liu, M.D., Ph.D., from the Drexel University School of Public Health in Philadelphia, and colleagues used data from the National Hospital Discharge Surveys to examine trends in the prevalence of hospitalization attributable to hypertensive disease among adults (aged 35 years and older) in the United States from 1980 to 2007. Data were included for 4,598,488,000 hospitalized cases. Trends of hospitalized patients with first diagnosis of hypertensive disease (reason for admission) and for any second to seventh diagnosis of hypertensive

disease (comorbid condition when admitted) were assessed by gender and geographic region.

The researchers found that from 1980-1981 to 2006-2007 there was an increase in the age-adjusted [hospitalization rates](#) due to a first diagnosis of hypertensive disease, from 1.74 to 2.06 percent in men and from 2.0 to 2.09 percent in women. The corresponding increases for any second to seventh diagnosis of hypertensive disease were from 7.06 to 35.09 percent for men and from 7.88 to 31.98 percent for women. The highest and second highest annual percent increases were seen for patients with second to seventh diagnosis of essential [hypertension](#) and hypertensive [chronic kidney disease](#), respectively.

"In conclusion, the prevalence of hospitalization due to hypertensive disease significantly increased in the United States from 1980 to 2007," the authors write.

More information: [Abstract](#)
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