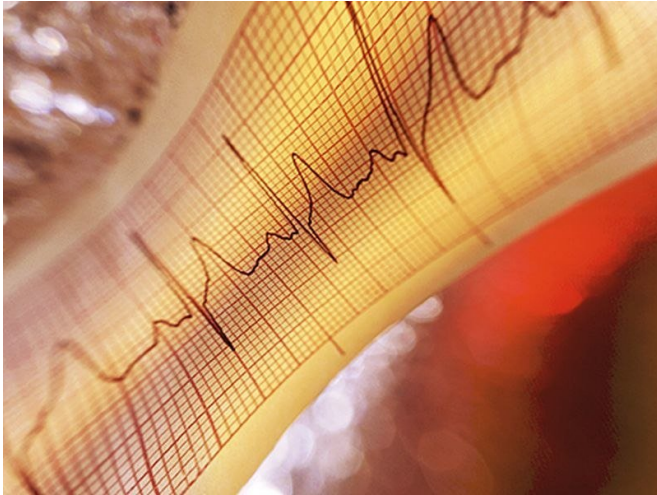


Asthma, uncontrolled asthma associated with risk of A-fib

12 July 2018



A dose-response association was seen between levels of asthma control and AF risk, with the highest risk for those with [uncontrolled asthma](#) (adjusted hazard ratio, 1.74).

"Asthma and lack of [asthma control](#) were associated with moderately increased risks of AF in a dose-response manner," the authors write. "Further studies are needed to explore the underlying mechanisms and clarify causal pathways between asthma and AF."

More information: [Abstract/Full Text](#) ([subscription or payment may be required](#))

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(HealthDay)—There is a correlation for asthma and lack of asthma control with the risk of atrial fibrillation (AF), according to a study published online July 11 in *JAMA Cardiology*.

Aivaras Cepelis, from the Norwegian University of Science and Technology in Trondheim, and colleagues conducted a prospective population cohort study to examine the correlation between [asthma](#), levels of asthma control, and AF. Participants from a second and third iteration of the survey-based Nord-Trøndelag Health Study were recruited. Data were included for 54,567 adults.

The researchers found that 10.9 percent of the participants reported ever having asthma; 7.2 and 4.6 percent reported being diagnosed with asthma and having active asthma, respectively. Overall, 3.8 percent of participants developed AF during a mean follow-up of 15.4 years. Compared to participants without asthma, those with physician-diagnosed asthma had a significantly increased risk of developing AF (adjusted hazard ratio, 1.38).

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