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Homocysteine levels and risk of essential hypertension: A meta-analysis of published epidemiological studies

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ABSTRACT

Backgro ential
hyperter ion are
inconsist rature
search o e relevant
articles g 95%
confid included 11
studi elevated
Hcy leve 02–1.80 in
the rand d that
elevatec , 95% CI:
1.53–2.1 ; p < 0.001),
but not i adjusted

studies (OR: 1.21, 95% CI: 0.85–1.72; p = 0.297). No significant publication bias was found (p = 0.876 for Begg's test, p = 0.144 for Egger's test).Conclusion: Plasma Hcy levels are associated with EH risk. However, our findings do not support a causal association between Hcy levels and EH.

KEYWORDS: Epidemiological study | essential hypertension | homocysteine | odds ratio | meta-analysis

Declaration of interest

The authors have declared that no competing interests exist.

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Additional information

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