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Original Articles

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

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p < 0.001),

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.

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

Declaration of interest

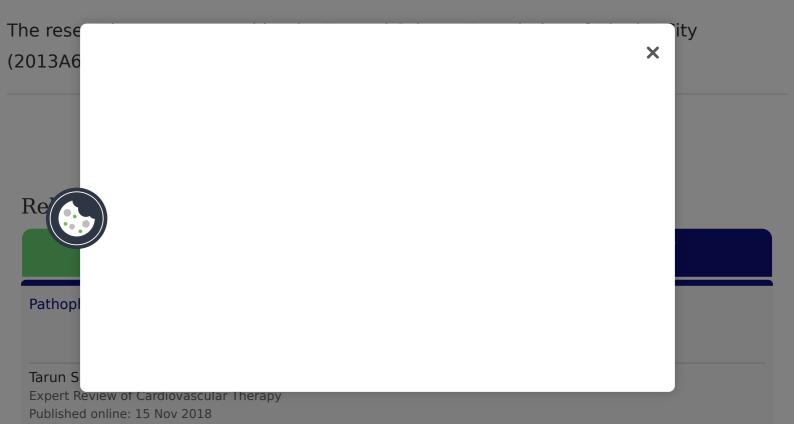
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Additional information

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