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## *Research Highlights*

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- Cinnamic acid (CA) induced antihypertensive effect, more potent in high salt-induced (8% NaCl) hypertensive rats.
- The antihypertensive effect is the outcome of vascular and cardiac effects of CA.
- The vasorelaxant effect is the result of synergistic effect of CA on endothelium and VSM<sub>s</sub>, mediated through muscarinic receptors-linked NO and PGI<sub>2</sub> and activation of K<sup>+</sup> channels and blockade of Ca<sup>++</sup> channels.
- The decrease in cardiac output is due to blockade of cardiac β-adrenoceptor.
- These mechanisms explain the medicinal importance of CA as antihypertensive agent.
- The current investigation includes CA among the rare drugs with dual action on calcium channels and beta receptors.