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Buyang Huanwu Decoction increases angiopoietin-1 expression and promotes angiogenesis and functional outcome after focal cerebral ischemia

Key words: Buyang Huanwu decoction, Angiopoietin-1, Angiogenesis, Neurorestoration, Chronic brain injury

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- BYHWD significantly improves neurological deficit, reduces the infarct and atrophy volume in rats, indicating its protective effect against cerebral ischemia.

- BYHWD significantly increased the microvessels density in the ischemic area, indicating its angiogenic effect against cerebral ischemia.

- BYHWD modulates angiogenesis in the boundary ischemic region and increases the expressions of Ang-1, which may be the mechanism by which BYHWD ameliorates chronic brain injury after focal cerebral ischemia in rats
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