

# Intracerebral hemorrhage medical treatment

Blood pressure management [drugs](#), [Recombinant factor VIIa](#), and [tissue plasminogen activator](#) have been used for improving [primary brain injury](#) by reducing blood pressure and inhibiting hematoma expansion after ICH <sup>1) 2) 3)</sup>.

Many compounds, [recombinant proteins](#), [drugs](#) and other agents including [glibenclamide](#), [suberoylanilide hydroxamic acid](#), [adropin](#), [C1qtnf9](#), [melatonin](#) and so on, have been reported to exhibit neuroprotective effects during ICH via reducing neuronal cell apoptosis, inhibiting inflammation or protecting BBB <sup>4) 5) 6) 7) 8)</sup>.

## Antihypertensive Medication After Intracerebral Hemorrhage

[Antihypertensive Medication After Intracerebral Hemorrhage.](#)

<sup>1)</sup>

Wilkinson DA, Pandey AS, Thompson BG, Keep RF, Hua Y, Xi G. Injury mechanisms in acute intracerebral hemorrhage. *Neuropharmacology*. 2018;134(Pt B):240-8.

<sup>2)</sup>

Dornak, T., M. Kral, Z. Sedlackova, D. Sanak, E. Cechakova, P. Divisova, et al., Predictors for intracranial hemorrhage following intravenous thrombolysis in posterior circulation stroke. *Transl Stroke Res*, 2018.

<sup>3)</sup>

Bhatia PM, Chamberlain R, Luo X, Hartley EW, Divani AA. Elevated blood pressure causes larger hematoma in a rat model of intracerebral hemorrhage. *Transl Stroke Res*. 2012;3(4):428-34

<sup>4)</sup>

Wang Z, Zhou F, Dou Y, Tian X, Liu C, Li H, et al. Melatonin alleviates intracerebral hemorrhage-induced secondary brain injury in rats via suppressing apoptosis, inflammation, oxidative stress, DNA damage, and mitochondria injury. *Transl Stroke Res*. 2018;9(1):74-91.

<sup>5)</sup>

Jiang B, Li L, Chen Q, Tao Y, Yang L, Zhang B, et al. Role of glibenclamide in brain injury after intracerebral hemorrhage. *Transl Stroke Res*. 2017;8(2):183-93.

<sup>6)</sup>

Sukumari-Ramesh S, Alleyne CH Jr, Dhandapani KM. The histone deacetylase inhibitor suberoylanilide hydroxamic acid (SAHA) confers acute neuroprotection after intracerebral hemorrhage in mice. *Transl Stroke Res*. 2016;7(2):141-8.

<sup>7)</sup>

Yu L, Lu Z, Burchell S, Nowrangi D, Manaenko A, Li X, et al. Adropin preserves the blood-brain barrier through a Notch1/Hes1 pathway after intracerebral hemorrhage in mice. *J Neurochem*. 2017;143(6):750-60.

<sup>8)</sup>

Zhao L, Chen S, Sherchan P, Ding Y, Zhao W, Guo Z, et al. Recombinant CTRP9 administration attenuates neuroinflammation via activating adiponectin receptor 1 after intracerebral hemorrhage in mice. *J Neuroinflammation*. 2018;15(1):215.

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