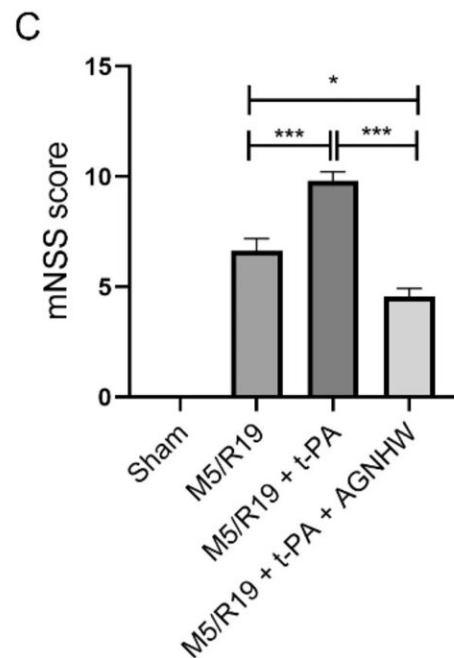
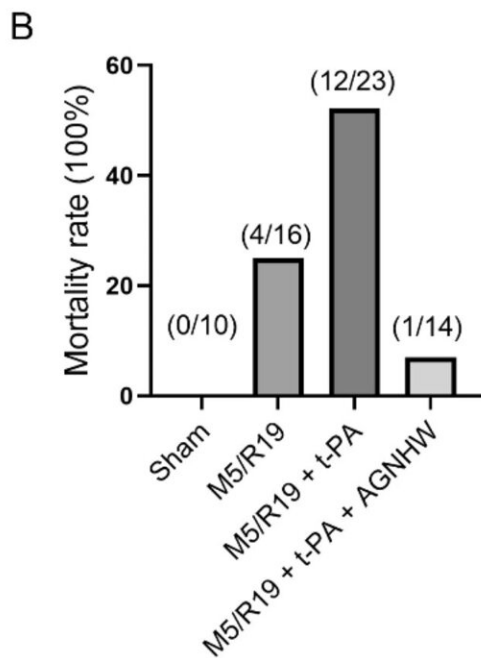
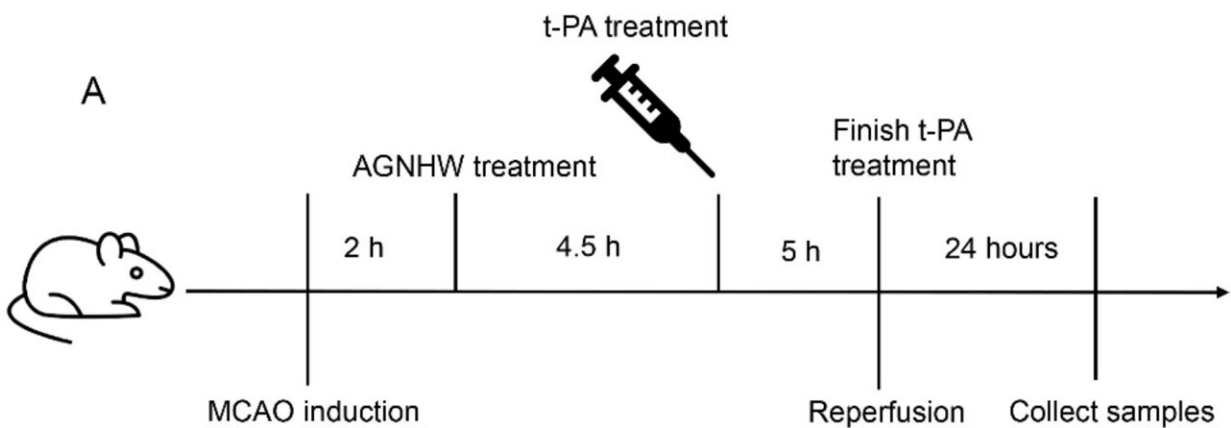


'Angong Niuhuang Wan' could reduce the side effects of thrombolytic therapy and extend therapeutic window for stroke

February 15 2023



AGNHW treatment decreased mortality rates and improved neurological deficit

in transient ischemic stroke treated with delayed t-PA. Sham, sham operation with no MCA ligation; M5/R19, 5 h of MCAO plus 19 h of reperfusion with saline as vehicle treatment (1 ml). M5/R19 + t-PA, rats were treated with t-PA infusion (10 mg/kg) for half an hour started from 4.5 h after MCAO, and followed by 19 h of reperfusion; M5/R19 + t-PA + AGNHW, rats were subjected to M5/R19 + t-PA (10 mg/kg dissolved in 1 ml saline) with the treatment of AGNHW (257 mg/kg) orally at 2 h after MCAO. **A** Diagram summarizing the design of the animal study. **B** Mortality rates: Mortality was calculated at 24 h after MCAO operations. Delayed t-PA treatment increased the mortality rate in the M5/R19 rats which was mitigated by AGNHW treatment. **C** Neurological deficit scores: The mNSS was used to account for neurological deficit scores at 24 h after MCAO operations. The M5/R19 + t-PA rats had increased the mNSS value which was reduced by AGNHW treatment. *P

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