

APACHE

see [APACHE II Score](#)

see [APACHE III Score](#)

A study of Li et al . from The Affiliated Hospital of North China University of Science and Technology, Tangshan, aimed to compare the value of acute physiologic and chronic health evaluation scoring systems (APACHE II and APACHE III) among patients with acute cerebral infarction.

The APACHE II and APACHE III scores were determined in 399 patients with acute [cerebral infarction](#) within 24 h of admission in order to investigate their predictive value for prognosis in acute cerebral infarction. The area under the ROC curve was used to measure the ability of two scoring systems in predicting the prognosis of patients, and the area under the curve of the two scoring systems was compared.

The APACHE II and APACHE III scoring systems demonstrated good predictive value for prognosis in acute cerebral infarction, and the areas under the receiver operating characteristic were 0.808 and 0.818, respectively. There was no significant difference in the area under the curve between these two scoring systems.

Both the APACHE II and APACHE III scoring systems had good predictive value for prognosis in acute cerebral infarction, and there was no obvious difference between these two systems. Preference was suggested for APACHE II ¹⁾.

¹⁾

Li QX, Zhao XJ, Peng YB, Wang DL, Dong XL, Fan HY, Chen RY, Zhang J, Zhang L, Liu J. A Prospective Study of Comparing the Application of Two Generation Scoring Systems in Patients with Acute Cerebral Infarction. Adv Ther. 2019 Sep 28. doi: 10.1007/s12325-019-01084-4. [Epub ahead of print] PubMed PMID: 31564039.

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